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AADRAY

HYDROGRAPHIC PROPERTIES OF THE ADRIATIC SEA IN THE PERIOD FROM 1965 THROUGH 1970

HIDROGRAFSKA SVOJSTVA JADRANA U RAZDOBLJU 1965—1970. GODINE

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A large number of data covering a series of parameters were collected in 1965—1970 from stations at the Split—Gargano cross-section, the South Adriatic Basin and the Jabuka Basin and processed. Tables showing all the collected material are given in Annexes. In processing, data from earlier years were also used for comparison. Data from stations with a low frequency of observations were not analysed.

INTRODUCTION

All the investigations carried out in the Adriatic up to now have shown that this sea is subject to permanent seasonal and year-to-year changes in its hydrographic properties (Buljan, 1953; Zore-Armanda, 1963). These fluctuations influence all kinds of movements of sea water, which in turns affect its ecological conditions (Buljan, 1968; Vučetić, 1970, 1973; Pucher-Petković, and Zore-Armanda, 1973; Zore-Armanda et al., 1971). Therefore an attempt has been undertaken to continue with the observations of a number of parameters at representative stations and defined time intervals. This review follows the earlier published materials (Buljan & Marinković, 1956; Zore & Zupan, 1960; Buljan & Zore-Armanda, 1966; Zore-Armanda, 1968). So, we have continued the systematic publication of the hydrographic data obtained during the investigations of the Adriatic from 1947 to 1970 by the scientific staff of the Institute of Oceanography and Fisheries at Split. The present paper is a review of the continuous data gathered from 1965 to 1970. We also tried to analyze the state of parameters and the dynamics of their variations.

DATA COLLECTION

Tabulated hydrographic data collected by m/s BIOS and m/s PREDVODNIK of the Institute of Oceanography and Fisheries, from a number of stations in the larger part of the Adriatic in the period 1965—1970 are given in the

Annex. The data from the central Adriatic, i. e. Split—Gargano cross-section, were collected in the greatest abundance and they were mainly used in analyses. Both Adriatic basins (Jabuka Pit and South Adriatic Pit) were also covered as well as a part of the shallow northern Adriatic and coastal region.

Whereever possible, the names of stations are the same as used in the previous paper by Buljan & Zore-Armanda (1966). To make the paper easier to foreign readers, geographic names have been translated in the textual part. New stations are given higher numbers. Positions of stations are given on Charts I through V in the Annex and in the List of stations. Since the data on currents from 1965 and 1966 were published earlier (Zore-Armanda, 1968) the tables in this paper cover the period 1967—1970.

The material collected from the coastal station near the Institute (Station Split, Marjan Cape) since 1950 is also enclosed. These data refer to the sea temperature at the surface and at two metres depth, and the surface salinity.

The data are arranged by stations, but the current meter records and the data from the coastal station at Split are presented separately. The rest of the hydrographic data are given chronologically for each individual station. The data were collected from some stations at regular intervals during all six years, whereas from other station they were collected only sporadically.

Whe should like to point out the group of stations from the Split—Gargano cross-section (Stations 25, 6, 7, 8, 9, 10, 11, 12 and 13; Chart IV in the Annex). The data from Stations 25, 8 and 9 (Chart III in the Annex), which are closer to the eastern coast and located in the channels of the central Adriatic, were collected monthly in connection with the program of investigation of the organic production. Currents at Station 9 (Stončica) were also measured monthly. The data from the other stations of the cross-section were collected seasonally. However, some of them (Stations 6, 7, 12) were discontinued in later years. Currents were seasonally measured at Stations 10 and 11 but not throughout the whole period of investigations.

The Stations 3 (Jabuka basin, also refered as Jabuka Pit or Jabučka kotlina) and 15 (South Adriatic Basin, also refered as South Adriatic Pit or Južnojadranska kotlina) are also of importance. Data were collected seasonally, whenever possible.

The majority of conclusions brought out in this paper are drawn from material from the Split—Gargano cross-section and from Stations 3 and 15.

Most of the material collected from Stations 24—54 refer to the area of the central Adriatic archipelago and was sampled in connection with the work of the Laboratory for Ichthyoplankton. It adds to the data collected earlier from the same stations.

While processing, the data collected in earlier periods were frequently added to the climatic tables in this paper.

METHODS

Sampling was carried out by standard oceanographic methods.

Water samples were collected by Nansen water bottles. Temperature was measured by reversing thermometers (Richter & Wiese, Berlin; Gohla,

Kiel), including surface temperatures. Therefore, the depth marked 0 m refers in fact to about 50 cm depth. Temperatures and depths sampled were corrected by usual methods.

Data for chlorinity, i. e. salinity, were obtained by the Mohr method, by the titration of sea water with a solution of silver nitrate. The accurate titer of the silver nitrate solution was obtained by using the Copenhagen normal water (Mayer, 1932). Therefore, the data have standard accuracy.

σ_t was determined by a nomogram (Instruction manual ... 1955).

Oxygen content was determined by the Winkler method (Jacobsen, 1921) using the Na_2CrO_4 as standard solution. Oxygen saturation (O_2%) was computed by means of a slide rule.

Content of free phosphate ($P\text{-}PO_4$) was determined by reducing the phosphomolybdenum complex (Denigès method) according to Harvey (1948). Total phosphorus (P-tot) was determined by the method of hydrolysis after Harvey (1948).

Currents were measured from an anchored ship by stationary current meters (Ekman or Kelvin Hughes) in 24 hour series whenever it was possible. Measurements were usually taken at three depths. In the tables, data on resultant vectors are arranged by stations and in chronological order. Resultants are computed by means of tables (Manual of current observations, 1950) from the measurements taken at 10 to 20 minutes intervals, if possible, but at least once in an hour (if measured by Ekman current meter). The series of measurements shorter than 24 hours were marked in the tables.

Currents were also measured by releasing drift bottles from the Stations 3, 9, 11, 13 and 15. Time and place of releasing and finding the bottles were separately tabulated.

WATER TEMPERATURE

Split, Marjan Cape (rt Marjana)

At the coast, the surface temperature and that at 2 m were measured twice daily at the Marjan Cape (rt Marjana), in the small port of the Institute in Split. Minimum and maximum monthly means covering the period from 1950 are tabulated in Annex (Table A1). Air temperature 14 m above sea level was simultaneously measured at the meteorological station in the vicinity of the Institute. Monthly air temperature means are given in Table 1.

Some of the means for several years are given in Table 2. A part of the relationships evident from these data were discussed earlier (Zore-Armanda, 1969). It may only be added that the relationship between annual maximum and minimum temperatures shows a certain regularity (Fig. 1). Within one year they seem to be both either high or low. Since the temperature differences were minimal in the years 1955 and 1969 it may be guessed that they are reduced in the years when water advections is intensive i. e. when the exchange of waters between the Adriatic and Ionian sea (»Adriatic ingression«) is more pronounced. Year 1969 is characterised by very intensive water exchange (Zore-Armanda, 1974), and it differed from the others in a number of other properties, as well.

Table 1. Average monthly and annual sea surface temperatures (°C) for Split, Marjan Cape (rt Marjana)

	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1951	(8.5)	(8.0)	11.2	14.4	18.1	23.6	25.6	25.5	23.6	16.7	14.7	11.3	16.7
1952	8.9	8.2	10.2	15.0	18.7	24.5	27.3	27.0	22.5	17.0	12.0	10.3	16.8
1953	7.6	7.8	10.5	15.5	19.5	22.1	26.2	24.7	21.7	18.6	12.5	11.0	16.4
1954	5.3	6.7	12.0	13.1	16.8	23.5	24.4	24.4	22.5	16.3	12.3	10.8	15.6
1955	10.6	10.0	10.4	13.0	18.4	22.4	25.0	23.8	21.1	17.4	11.8	11.2	16.3
1956	8.9	3.2	8.3	13.3	18.0	20.5	24.7	26.6	22.7	16.7	12.0	8.6	15.2
1957	8.4	10.5	11.2	14.7	17.4	24.3	25.0	24.6	20.9	18.0	13.4	10.4	16.6
1958	9.5	9.8	7.5	11.8	20.3	22.3	24.6	25.4	21.4	17.5	14.1	10.5	16.2
1959	7.9	8.8	12.5	14.0	17.9	22.0	26.0	23.7	19.8	15.8	13.4	11.8	16.1
1960	8.7	9.6	11.4	14.2	17.8	22.3	23.2	24.3	18.6	18.9	14.4	12.5	16.4
1961	8.4	9.5	12.4	16.2	17.6	23.0	24.6	24.5	22.9	18.2	13.3	9.2	16.6
1962	9.4	7.5	(13.9)	14.4	18.3	21.7	25.0	27.4	22.1	18.8	13.2	8.3	16.7
1963	5.4	6.7	9.5	15.1	19.2	23.0	25.7	24.7	22.0	17.6	16.2	9.5	16.2
1964	6.9	(8.7)	10.9	14.1	18.1	23.1	24.7	23.6	21.0	16.6	13.1	10.1	15.9
1965	9.2	4.8	10.8	12.5	17.1	21.4	24.5	23.2	20.4	16.9	13.6	10.7	15.6
1966	5.9	11.2	10.2	15.4	17.9	22.5	23.5	24.8	22.0	19.1	12.4	9.7	16.2
1967	6.4	8.2	11.4	13.0	18.1	20.2	25.4	24.9	21.0	**16.3**	**14.6**	**9.2**	**15.9**
1968	5.9	9.6	10.1	15.8	19.5	21.9	24.6	22.1	20.8	17.1	13.6	8.9	15.8
1969	5.3	8.1	10.5	13.4	19.8	20.5	23.9	25.0	24.4	18.4	15.1	9.9	16.2
1970	9.4	7.8	9.2	13.1	17.0	22.7	24.5	24.7	22.1	16.3	13.9	10.3	15.9
Average	7.8	8.2	10.7	14.1	18.3	22.4	24.9	24.7	21.7	17.5	13.5	10.2	16.2

Table 2. Data from Split — Marjan Cape (rt Marjana) (°C)

Year	Mean air temperature	Mean sea water surface temperature	Difference in temperature, sea-air	Mean sea water temperature (Jan. Feb. March)	Mean (July, Aug. Sep.)	Maximum annual sea temperature	Minimum annual sea temperature	Difference annual maximum-minimum
1951	16.7	17.1	0.4	11.2	23.3	25.1	8.5	16.6
1952	16.8	17.4	0.6	11.6	23.7	28.6	10.1	18.5
1953	16.4	17.4	1.1	11.1	23.3	27.7	9.2	18.5
1954	15.6	16.8	1.2	11.2	22.9	27.1	9.2	18.9
1955	16.3	17.1	0.8	12.1	22.7	25.4	10.5	14.9
1956	15.2	16.9	1.7	10.9	23.8	27.5	8.4	19.1
1957	16.6	17.7	1.1	12.0	23.2	26.8	9.0	17.8
1958	16.2	17.5	1.3	11.8	23.3	27.4	10.2	17.2
1959	16.1	17.2	1.1	12.5	22.5	27.3	9.9	17.4
1960	16.4	17.4	1.0	12.0	22.5	25.9	8.5	17.4
1961	16.6	17.7	1.1	12.6	22.5	26.6	9.0	17.6
1962	16.7	17.4	0.7	11.6	23.7	27.6	9.6	18.0
1963	16.2	17.8	1.6	10.9	24.3	27.8	7.5	20.3
1964	15.9	16.9	1.0	11.9	22.0	26.3	8.1	18.2
1965	15.6	17.3	1.7	11.2	22.8	27.4	8.8	18.6
1966	16.2	17.9	1.7	11.7	23.0	26.8	9.0	17.8
1967	15.9	17.6	1.7	11.6	23.7	27.6	10.0	17.6
1968	16.0	17.1	1.1	11.3	23.6	27.3	9.3	18.0
1969	16.4	17.5	1.1	11.8	22.7	25.6	10.5	15.1
1970	15.9	17.0	1.1	11.7	23.0	26.1	10.2	15.9
Average	16.1	17.3	1.2	11.6	23.1			

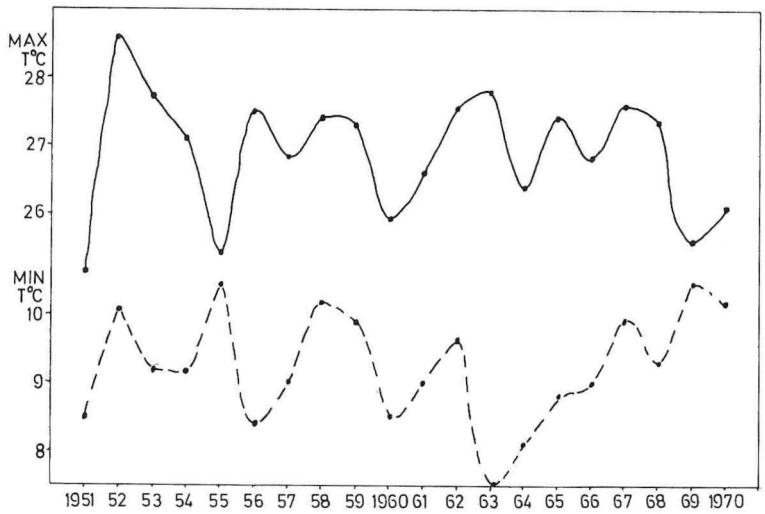

Fig. 1. Extreme annual sea surface temperatures at coastal station Split (Marjan Cape = rt Marjana).

Split—Gargano cross-section

Seasonal mean temperatures of the sea surface at the cross-section are given in Table 3. In the winter of 1969 the surface temperature was considerably elevated. In the summer, however, it was below the multiannual mean. This may also be accounted for by the increased water inflow, since the two extremes were closer to each other, as they were at the coastal station in Split.

Table 3. Mean temperature of the sea surface at Split — Gargano cross section (stations 8—13)

Year	Winter Jan. Feb. March	Spring April, May, June	Summer July, Aug. Sep.	Autumn Oct. Nov. Dec.
1960	13.39	18.72	22.24	16.89
1961	13.68	17.53	22.22	17.47
1962	13.60	17.03	24.57	16.05
1963	13.40	18.40	23.47	19.28
1964	13.79	20.44	22.92	16.97
1965	13.47	17.87	22.32	17.18
1966	13.19	20.60	23.88	16.83
1967	13.14	20.38	23.85	18.00
1968	13.47	20.47	21.95	17.17
1969	14.01	18.62	22.73	18.53
1970	13.32	17.39	22.72	17.66
Mean	13.50±0.51	18.86±1.94	22.99±1.58	17.45±1.40

This table also shows that multiannual changes in the sea surface temperature are smallest in the winter and greatest in the spring.

Multiannual monthly means of the sea water temperatures at standard depths of two stations (9 and 25) in the central Adriatic are given in Tables 4 and 5. The former, Station Stončica is near the Vis Island and the latter is in the Kaštela Bay (Kaštelanski zaliv). Means cover the period 1965—1970.

Table 4. Multiannual (1965—1970) mean monthly temperatures of the sea at Stončica (Station 9)

Depth m	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0	14.03	13.20	13.38	14.73	17.66	21.01	22.33	24.32	23.10	21.33	19.28	16.53
10	14.02	13.29	13.53	14.47	16.39	19.88	21.45	23.63	22.59	21.36	19.27	16.37
20	14.06	13.37	13.55	14.49	15.30	18.40	17.67	18.92	20.82	21.27	19.26	16.35
30	14.01	13.44	13.80	14.45	15.14	16.44	16.17	16.86	17.50	20.24	19.21	16.24
40	14.08	13.45	13.63	14.41	14.92	15.55	15.79	15.93	16.47	19.22	18.97	16.36
50	14.12	13.56	13.64	14.33	14.80	15.16	15.24	15.44	15.72	17.20	18.87	16.33
60	14.14	13.55	13.63	14.17	14.69	14.87	15.03	15.23	15.45	16.34	18.36	16.26
80	14.13	13.62	13.67	13.99	14.55	14.63	14.76	14.92	15.09	15.86	17.31	16.08
100	14.09	13.54	13.71	13.84	14.43	14.52	14.50	14.78	14.95	15.43	16.42	15.76

Table 5. Multinnual (1965—1970) mean monthly temperatures of the sea in the Kaštela Bay.

Depth m	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0	10.89	10.76	11.49	14.08	17.51	22.09	22.71	24.49	22.41	20.15	17.29	13.19
10	12.04	11.22	11.49	13.44	15.40	19.16	19.68	21.97	21.65	20.62	17.76	13.75
20	12.77	11.43	11.44	12.93	14.72	16.58	15.92	17.26	20.89	20.75	18.37	14.85
(30)	13.50	11.82	11.77	12.79	14.10	15.13	14.62	15.23	18.32	20.04	18.52	15.20
35	13.70	12.00	11.95	12.76	13.94	14.76	14.35	15.01	16.96	19.88	18.55	15.37

As it may be seen from Tables and Figs. 2 and 3, the annual course of temperature showed cooling in July at both stations, in the Kaštela Bay from the surface to the bottom and at Stončica in the intermediate layer. B u l j a n (1965) interpretes this phenomenon as upwelling. Upwelling is found at many places along the coast. In the Neretva region it was recorded on the following dates:

Station 53 — August 1966 at 10 m depth
Station 53a — June 1967 at 45 m depth
— July 1967 at 10, 20 & 30 m depth (intensive)
— July 1968 at 20, 30 & 45 m depth (intensive)
Station 54 — July 1966 at 30 m depth
— August 1966 at 10 m depth
— August 1966 at 10 m depth
— July 1967 at 10, 20 & 35 m depth
— July 1968 at 20 & 35 m depth
Station 54a — August 1966 at 10 & 25 m depth
— July 1967 at 25 m depth
— August 1967 at 10 m depth
— July 1968 at 25 m depth
Station 57 — July 1970 at 2 & 5 m depth

The upwelling may only be connected to a characteristic wind. Current meter data from the coastal area (Z o r e - A r m a n d a et al., 1977) indicate that the westerly direction of flow, frequent in the surface layer, may be understood as on offshore flow due to the bora (NE wind). This is supported by the fact that the circulation of surface flowing offshore and of bottom

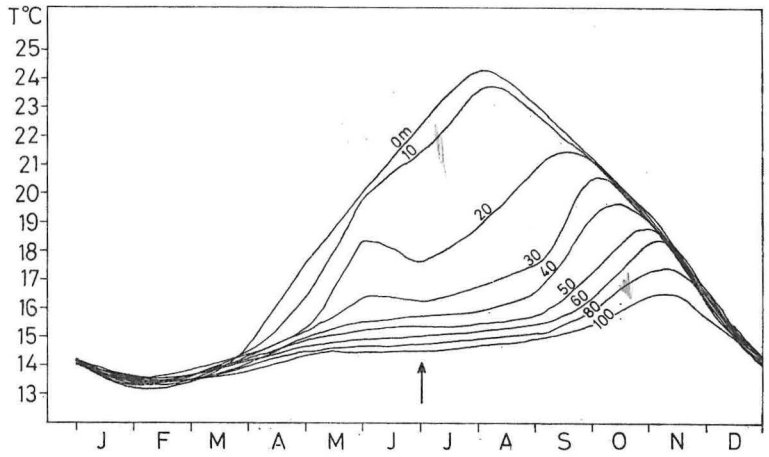

Fig. 2. Monthly mean sea water temperatures (1965—1970) at different depths at Station 9 (Stončica). Arrow shows the influence of upwelling.

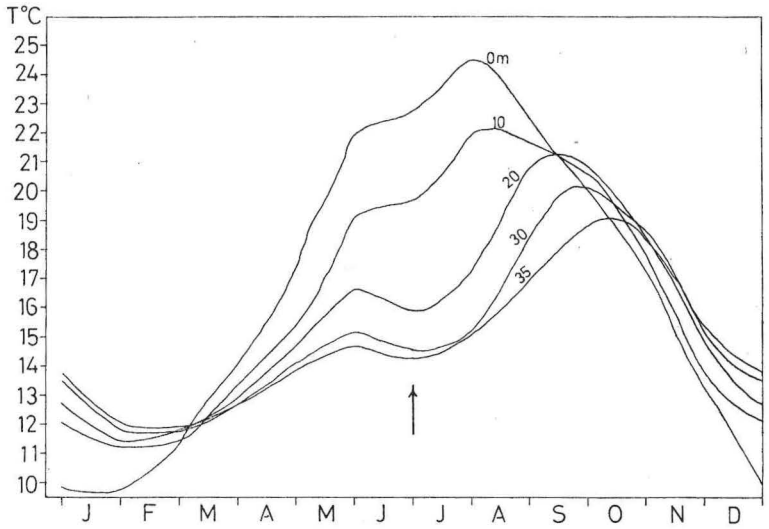

Fig. 3. Monthly mean sea water temperatures (1965—1970) at Station 25 (Kaštela Bay = Kaštelanski zaliv). Arrow shows the influence of upwelling.

water flowing inshore is most prominent in winter when the bora is most frequent and intense. We may also add that this type of circulation, i. e. upwelling in winter, does not cause any decrease in temperature, since the water is vertically mixed and isothermal. However, since the occurrence of upwelling is evident from the data from July (warmer period), this phenomenon might also be ascribed to a maestral (NW wind) (B u l j a n, 1964 b), which is frequent in the warm part of the year.

As shown earlier (Z o r e - A r m a n d a, 1968), the current pattern in the central Adriatic changes in spring due to reduced influence of the longitudinal flow and a predominant transverse flow between the coasts. It may intensify the upwelling in that season.

E x t r e m e t e m p e r a t u r e s

The lowest temperatures recorded from all the stations are given separately (Table 6). The lowest temperature of 9.58°C is the absolute minimum at the cross-section over the nine year period. This low temperature was not recorded from either of the two coastal stations, as expected. This cold water was found at Station 11 in the bottom layer in the spring (June 1963). It possibly originated from the northern Adriatic from where it spreads over the Jabuka Basin to the cross-section region.

Table 6. Absolute minimum (m) annual temperatures (°C) at the cross-section Split—Gargano (measured in four seasons)

Year	S t a t i o n					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962	11.63	13.03	13.81	14.10	11.72	11.93
1963	10.94	12.14	12.40	13.22	9.58	10.27
1964	10.68	12.94	13.30	13.96	11.72	12.01
1965	11.94	12.25	13.34	12.56	12.30	11.08
1966	11.09	11.96	12.84	13.76	11.52	12.16
1967	11.68	12.20	13.10	13.52	12.55	11.42
1968	10.88	12.04	13.30	13.40	12.04	11.44
1969	11.70	13.34	14.22	14.42	11.90	12.60
1970	10.70	12.40	13.47	—	11.72	11.42

As indicated by the above data, such distribution of minimum temperatures is not common in the Adriatic.

The minimum cross-section temperature is usually recorded in the Kaštela Bay. However, not only in 1963 but in 1965 and 1967 as well, minimum temperatures were recorded closer to the western coast, at Gargano Station (13).

Differences (D) in annual minimum temperatures between two successive years are given in Table 7.

Table 7. Differences in the successive annual minimum temperatures (°C) at Split—Gargano cross-section

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1964	+1.26	—0,94	+0.32	—1.40	+0.58	—0.93
1965	—0.85	—0.04	—0.78	+1.23	—0.78	+1.08
1966	+0.59	+0.24	+0.24	—0.27	+1.03	—0.74
1967	—0.80	—0.16	+0.20	—0.12	—0.51	+0.02
1968	+0.82	+1.30	+0.92	+1.02	—0.14	+1.16
1969	—1.00	—0.94	—0.75	—	—0.18	—1.18
1970						

The first three stations continuously show similar properies, with the exception of Stončica and Pelegrin, which, each on one occasion, differed from the regular pattern. However, three southern stations (10, 11 & 13) do not follow the regular pattern, except for 1969—1970. This may also indicate that the first three stations, closer to the eastern coast, have a similar oceanographic regime. Even though the Station at Stončica exhibits some of the properties of an open central Adriatic station, its thermal properties show it to be more similar to the coastal stations.

Maximum sea water temperatures (M) recorded at individual stations are presented separately for each year (Table 8). For a period of nine years the highest temperature of 25.70°C was recorded at Station Sušac in September 1962. Positions of the maximum temperature at the cross-section do not follow any regular pattern. This is possibly the result of the fact that a surface temperature gradient is not developed in the summer.

Table 9 shows the values of the range of temperature variations at stations of the cross-section from different years, i. e. the differences between the extreme temperatures (M-m).

Talbe 8. Absolute maximal annual sea water temperatures (M °C) at Split—Gargano cross-section. Measurements from four seasons.

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962	22.86	23.80	25.36	25.70	25.62	25.14
1963	24.05	23.08	23.04	23.08	23.32	23.95
1964	24.28	23.37	23.30	22.90	23.26	22.50
1965	21.44	21.32	22.18	23.02	23.30	22.40
1966	23.67	22.68	24.06	23.60	23.65	23.59
1967	24.60	22.60	23.00	23.40	23.50	24.52
1968	23.26	23.20	23.28	23.45	21.86	22.14
1969	22.70	23.40	23.54	—	23.50	23.12
1970	23.62	22.77	23.47	—	23.35	23.80

These values may be used as an index of the oceanic character of each individual station. The lower the values, the more maritime the station. as for example Stončica and Sušac. On the contrary, the higher the values the stronger the land influence. As indicated by the table, these values vary from one year to another.

Table 9. Temperature (°C) ranges (M-m) for different years at Split—Gargano cross-section

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962	11.23	10.77	11.55	11.60	13.90	13.21
1963	13.11	10.97	10.64	9.86	13.74	13.68
1964	13.60	10.43	10.00	10.14	11.54	10.49
1965	9.50	9.29	8.84	10.46	10.00	11.32
1966	12.58	10.72	11.22	9.81	12.13	11.43
1967	12.92	10.40	9.90	9.60	10.95	13.10
1968	12.38	11.16	9.98	8.20	9.82	10.70
1969	11.00	10.06	9.32	—	11.60	10.42
1970	12.92	10.37	10.00	—	11.63	12.38

Differences in maximum sea water temperatures between the successive years are given in Table 10.

Table 10. Differences in successive annual maximum temperatures (°C) at Split—Gargano cross-section

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1964	−2.28	−1.83	−1.28	+0.12	+0.04	−0.10
1965	+2.23	+1.14	+2.04	+0.58	+0.35	+1.09
1966	+0.93	−0.08	−1.06	−0.20	−0.15	+0.93
1967	−1.34	+0.60	+0.28	+0.05	−1.64	−2.38
1968	−0.56	+0.20	+0.26	—	+1.64	+0.98
1969	−0.92	−0.63	−0.07	—	−0.15	+0.68
1970						

Compared with Table 7, the data with respect to maximum temperatures show more regularity than do the minimum ones.

Ranges of minimum and maximum temperatures at the stations of the cross-section using the data from four seasons of individual years are also calculated.

Coastal stations show larger temperature ranges. This may indicate their more marked »continentality«. Even though such behavior is more pronounced

is some years, in others, the temperatures are more steady along the whole of the cross-section. The latter fact may indicate the more intensive horizontal water mixing.

All three climatic indicators of temperature (and salinity) show, to a certain extent, regular decrease going off the coastal station (Kaštela Bay) towards the stations in the middle of the Adriatic. This may be applied to all the years of the period of investigations (1964—1970) with some minor exceptions.

In the winter, minimum temperatures at coastal stations (25,8) were always found at the surface, with warmer deeper waters. This distribution showed an oposite pattern at stations 10, 11, 12, and 13. Station 9 (Stončica) is a bordering station, at which both types of temperature regime occur alternately. This may depend on the abundance of water inflow from the south, as well as on meteorological effects, particularly during a bora wind.

It has already been observed (B u l j a n, 1957) that the winter vertical distribution of the extreme temperatures in the southern Adriatic differs from one year to another. During the ingression period, when intermediate water of higher salinity and temperature flows in abundance from the Mediterranean into the Adriatic, the position of the maximum temperature lies in the layer near the surface or at the surface itself, while the minimum temperature is found in the deeper layers or in the bottom layer. In winter when the inflow of intermediate water of higher salinity into the south Adriatic is of lesser extent, the extreme temperatures change their position. The coolest water is at the surface layers (due to local cooling) while the warmest water lies somewhat deeper. As indicated by the data from two Adriatic basins given in Table 11, the maximum winter temperature at Station 15 occured at the surface in 1967—1969. This is indicative of conditions prevailing in the southern Adriatic (and in the Adriatic generally) analogous to those found in the winter of 1914 (B u l j a n, 1958) when the Adriatic was under the marked influence of a highly developed ingression (NAJADE). This is a valuable indication, or even evidence, that there was also an ingressional period in 1967—1969, which means that there was then an abundant inflow of Mediterranean Intermediate Water of higher salinity and temperature. We will discuss this later in the course of this paper.

It is evident from Table 11 that Jabuka Basin was under similar intensive influence from the south.

Table 11. Extreme temperatures recorded in March and depths where they are found.

Station		1967	1968	1969	1970
South Adriatic Basin (15)	max	13.73° 0 m	14.08° 0 m	14.52° 0 m	—
	min	12.78° 1100 m	12.90° 1070 m	12.76° 1190 m	—
Jabuka Basin (3)	max	12.99° 0 m	13.79° 0 m	13.87° 0 m	12.97° 20 m
	min	11.54° 260 m	10.74° 260 m	10.48° 260 m	11.60° 260 m

Distribution of temperature over the cross-section

The type of graphs published earlier (Buljan, 1969a) are used in this paper, to give the best presentation possible of the distribution of temperatures over the cross-section in 1965—1970 (Figs. 4—15). The temperature data from earlier years (1960—1964) are also used in discussion for comparison.

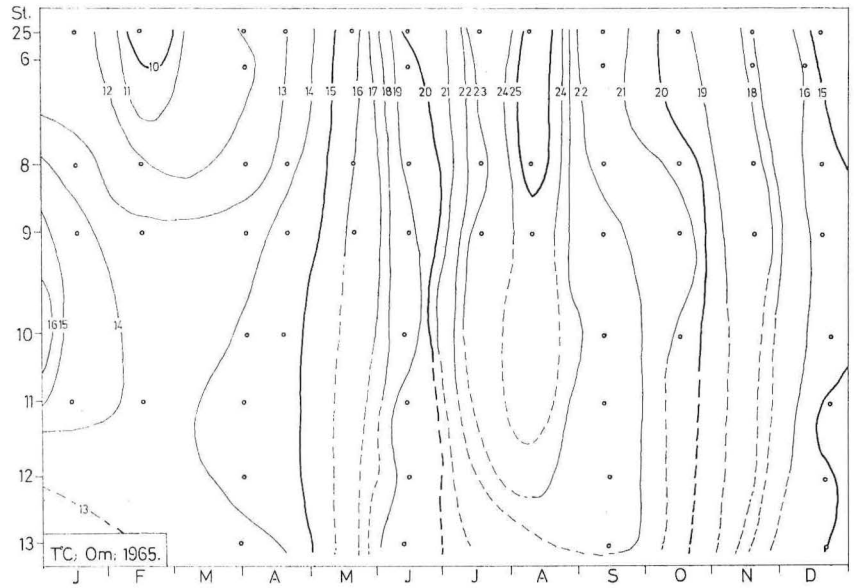

Fig. 4. Distribution of sea surface temperatures at Split—Gargano cross-section in 1965.

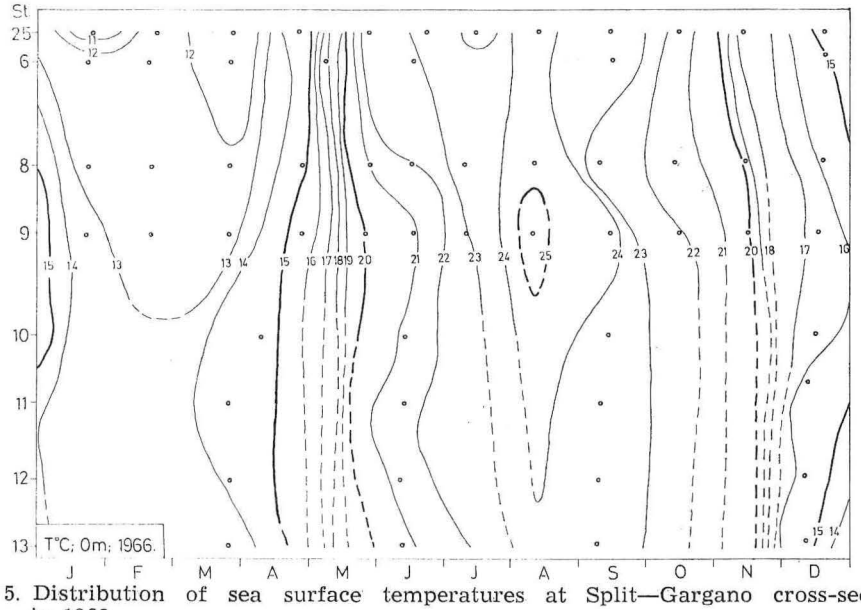

Fig. 5. Distribution of sea surface temperatures at Split—Gargano cross-section in 1966.

In the construction of graphs, data collected monthly were used for stations 25, 8 and 9, and those collected seasonaly for the rest of the stations.

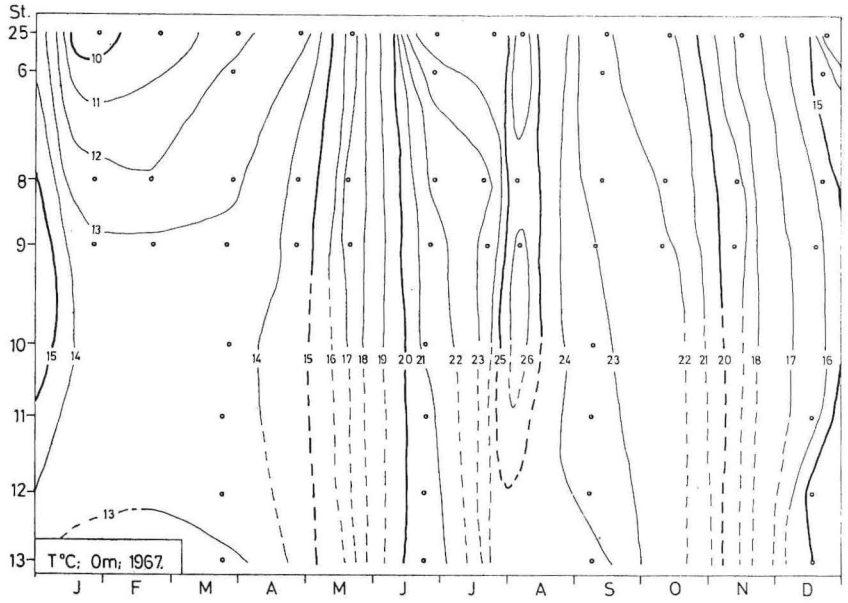

Fig. 6. Distribution of sea surface temperatures at Split—Gargano cross-section in 1967.

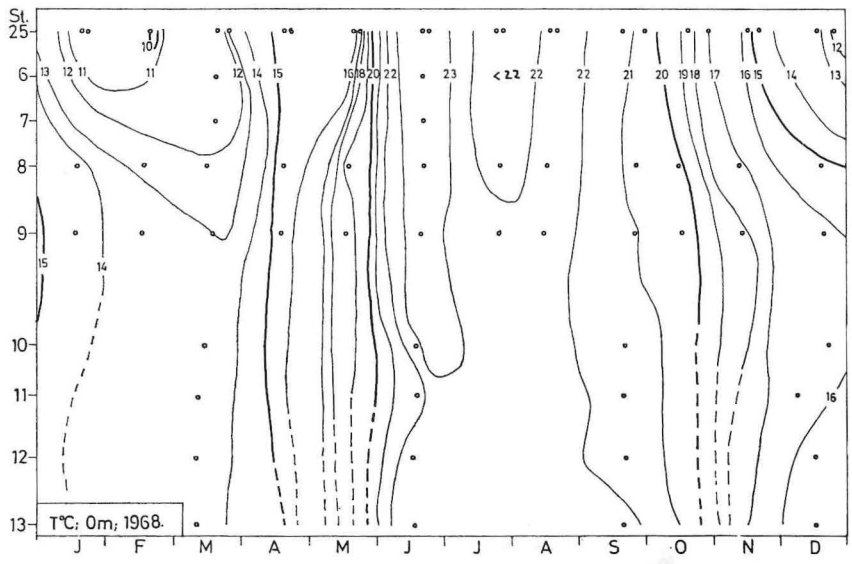

Fig. 7. Distribution of sea surface temperatures at Split—Gargano cross-section in 1968.

In the surface layer of the cross-section, minimum winter temperatures are found closer to the eastern coast. The fact that the station on the eastern portion of the section (Kaštela Bay) is closer to the coast than is the station on the western portion seems not to be important for such an arrangement.

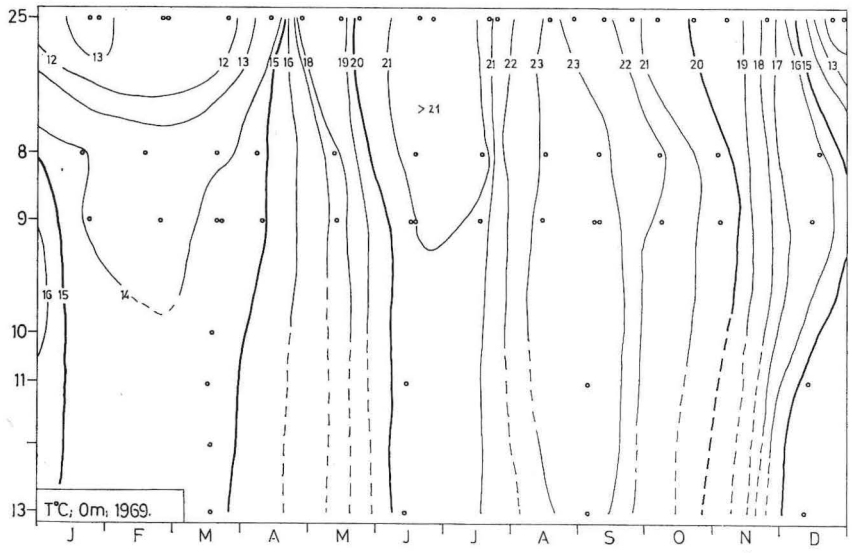

Fig. 8. Distribution of sea surface temperatures at Split—Gargano cross-section in 1969.

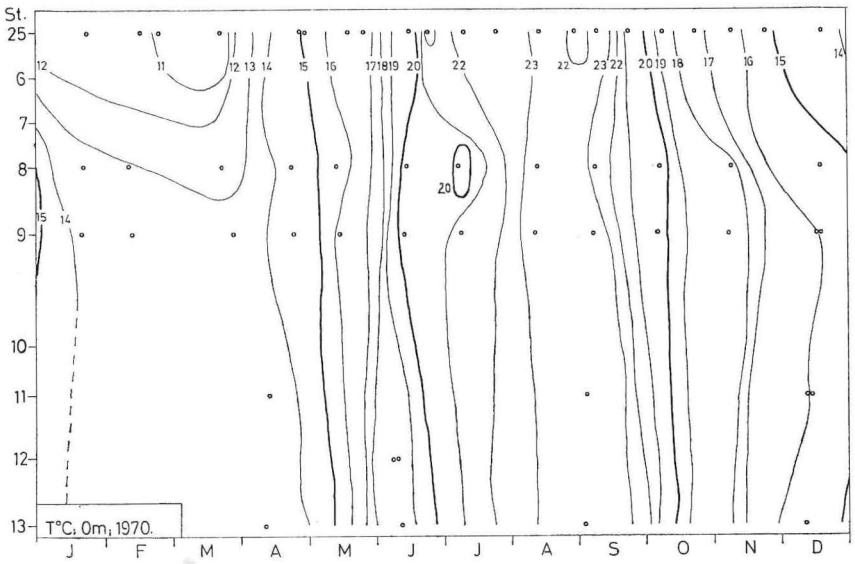

Fig. 9. Distribution of sea surface temperatures at Split—Gargano cross-section in 1970.

The temperature gradient is best developed in winter. It disappears in spring and autumn. Higher summer temperatures seem also to occur closer to the eastern coast.

At the surface, the annual minimum (January) temperature is found in the Kaštela Bay (Station 25) in winter and the annual maximum occurs in the vicinity of Vis Island (Station 9) in July and August.

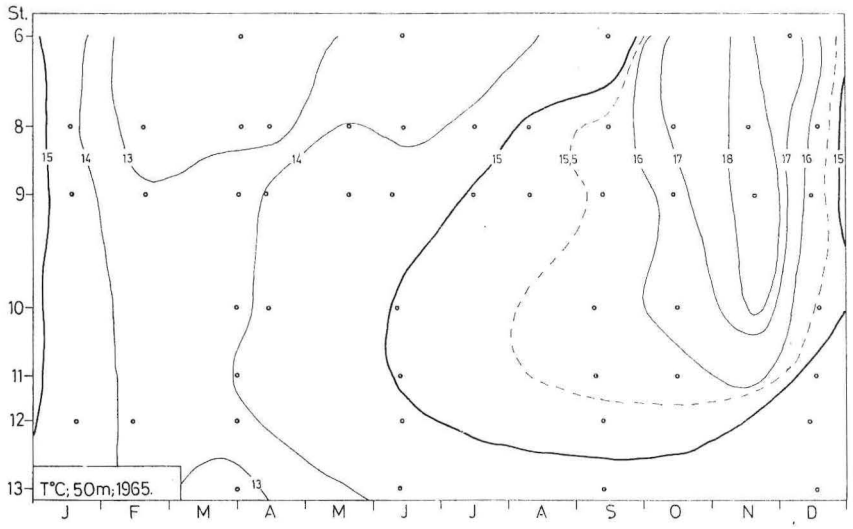

Fig. 10. Temperature distribution at 50 m depth at Split—Gargano cross-section in 1965.

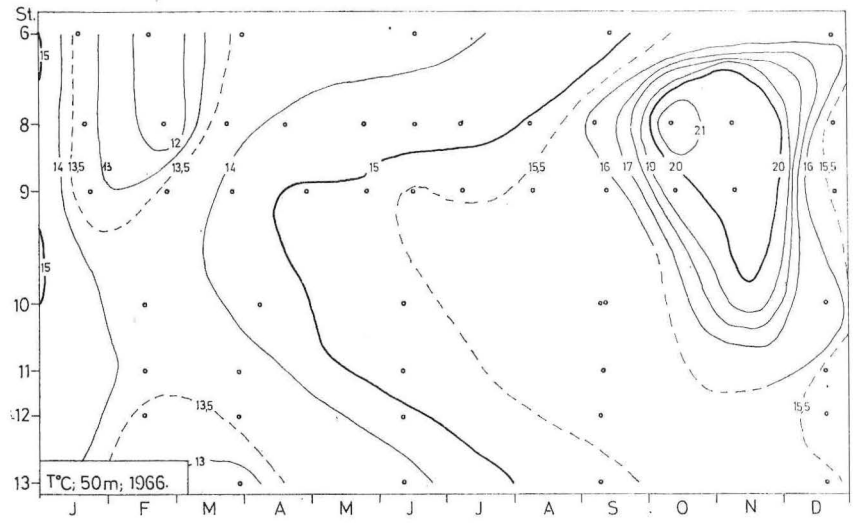

Fig. 11. Temperature distribution at 50 m depth at Split—Gargano cross-section in 1966.

It should be noted that the 25°C isotherm did not occur in the years 1960, 1963, 1964, 1968, 1969, 1970, and did occurred in 1962, 1965, 1966, 1967.

The conditions at 50 m (Figs. 10—15) are rather interesting. The asymmetric position of the minimum (February) and maximum (October) temperatures were recorded, as they are both closer to the eastern Adriatic coast. This clearly indicates the greater continentality of the eastern coast, due probably to the greater indentation of this coast as compared with the western coast, to the weaker current speed, and meteorological factors (vicinty of the mountain range, bora wind).

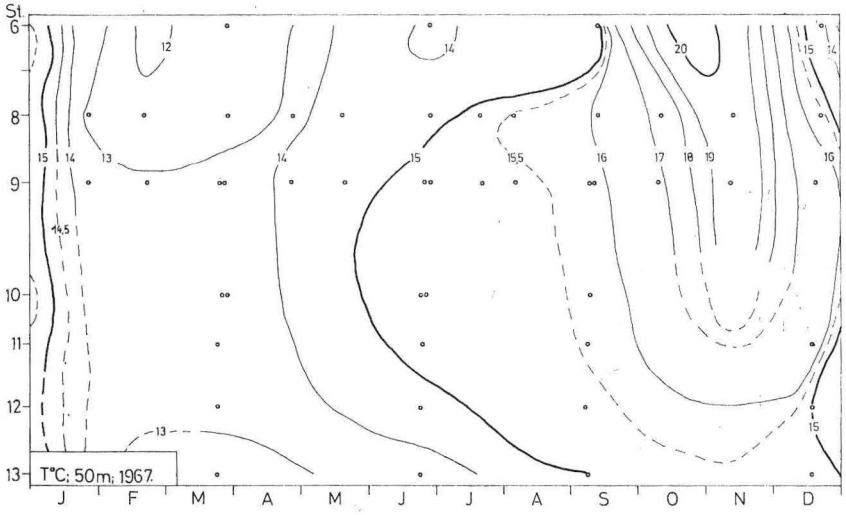

Fig. 12. Temperature distribution at 50 m depth at Split—Gargano cross-section in 1967.

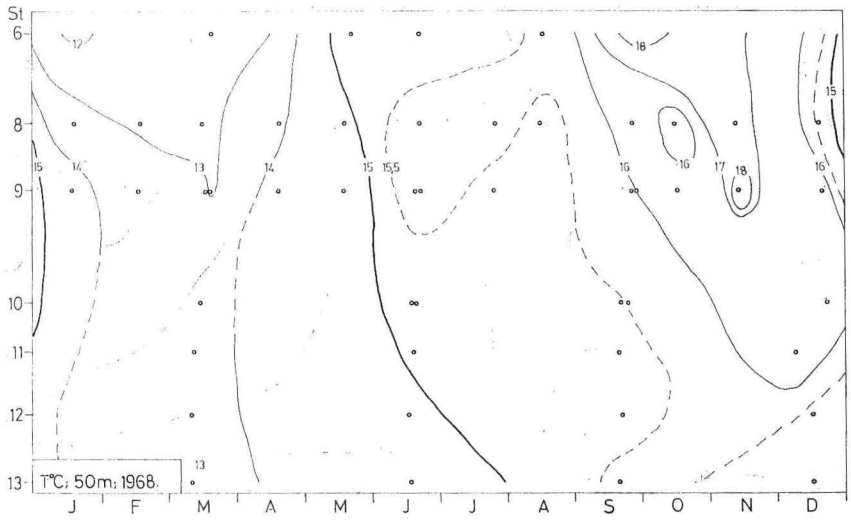

Fig. 13. Temperature distribution at 50 m depth at Split—Gargano cross-section in 1968.

During the period of investigation, the lowest isotherm was that of 12°C (1966, 1967, 1968), highest isotherm was that of 21°C (1966, 1967, 1969).

The 15°C isotherm is first established (ordinarily in May) off the Vis Island (Station 9) and spreads in the directins of both coasts. However, in 1962, 1963, and 1968 it occurred in May; in 1964 and 1966 in April; and in 1967 in June. It had almost the same shape in all years.

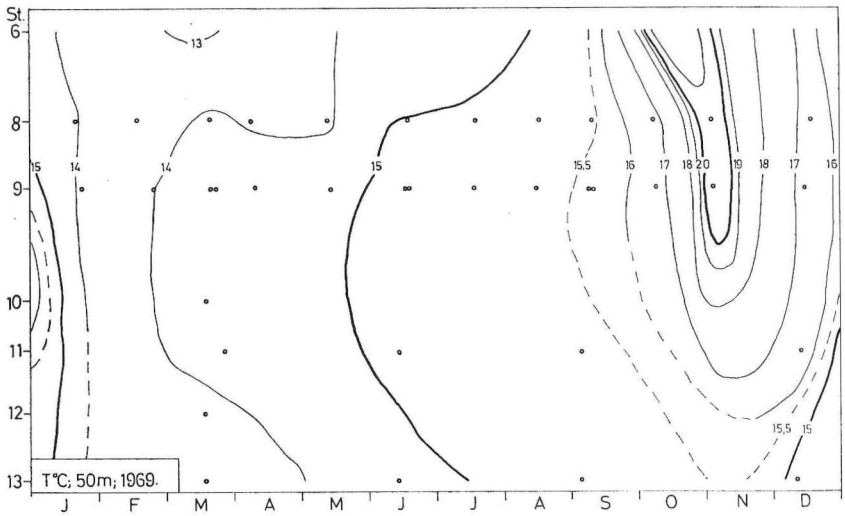

Fig. 14. Temperature distribution at 50 m depth at Split—Gargano cross-section in 1969.

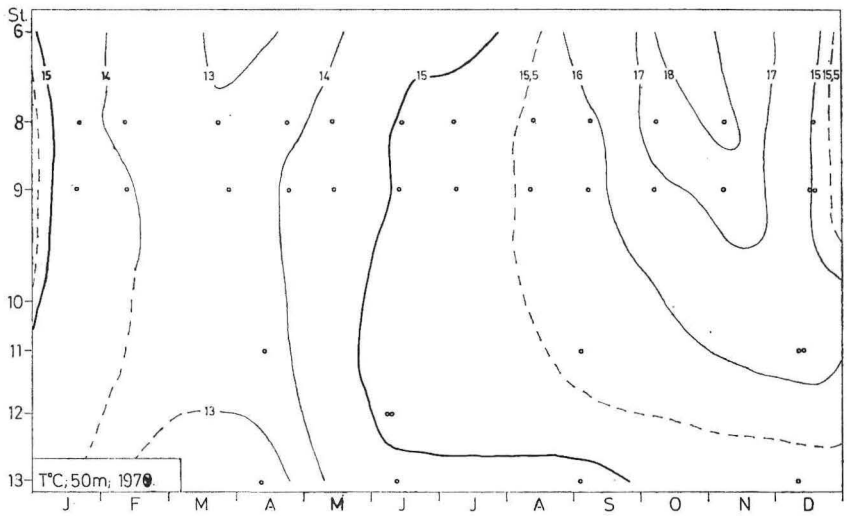

Fig. 15. Temperature distribution at 50 m depth at Split—Gargano cross-section in 1970.

The graph for the year 1968 differs completely from the graphs for the other years. This apparently points to the intensive dynamics in the area at that time, namely, the temperature of 15°C occurred along the eastern coast as much as five months earlier than in some other years.

SALINITY (SPLIT—GARGANO CROSS-SECTION)

Extreme salinity values

Chlorinity maxima (M) by stations are given in Table 12. The highest value (21.60 Cl‰) was recorded near the bottom at Station Stončica (9) in September 1968.

Maximum salinity values varied from station to station from one year to another. Thus they were recorded at Stations 9, 10, 11 and 13.

Table 12. Maximum values (M) of Cl‰ at the Split—Gargano cross-section (Measurements from four seasons).

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962	21.25	21.45	21.44	21.47	21.48	21.39
1963	21.15	21.35	21.39	21.42	21.40	21.48*
1964	21.11	21.35	21.44	21.46	21.42	21.31**
1965	21.13	21.50	21.55	21.53	21.57	21.35
1966	21.12	21.31	21.36	21.40	21.48	21.45
1967	21.17	21.49	21.50	21.45	21.48	21.47
1968	21.29	21.52	21.60	21.56	21.56	21.50
1969	21.29	21.50	21.52	21.54	21.55	21.58
1970	21.24	21.48	21.49	—	21.54	21.41

*) data from two seasons are lacking

**) data from one season are lacking

Differences in annual maximum Cl‰ values (M) between the successive years are given in Table 13. A very interesting fact was observed. When going from the eastern coast (Kaštela Bay) towards the open sea, the central Adriatic behaved as an entity throughout the nine years. Station Gargano (13) was the only exception on several occasions. Factors affecting this parameter, i. e. the Mediterranean influence through the Otranto Strait, exert a similar, we may say almost uniform, influence throughout the whole of the central Adriatic. This is true not only for the 20 Nm of the littoral belt near the western coast. Salinity showed a decrease in the years 1963, 1966, 1969, and 1970.

Table 13. Differences in the successive annual maximum values of Cl‰ at Split—Gargano cross-section.

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962						
	—0.10	—0.10	—0.05	—0.05	—0.08	+0.09
1963						
	—0.04	0.00	+0.05	+0.04	+0.02	—0.17
1964						
	+0.05	+0.15	+0.09	+0.07	+0.15	+0.04
1965						
	—0.04	—0.19	—0.19	—0.13	—0.09	+0.10
1966						
	+0.05	+0.18	+0.14	+0.05	0.00	+0.02
1967						
	+0.12	+0.03	+0.10	+0.11	+0.08	+0.03
1968						
	0.00	—0.02	—0.08	—0.02	—0.01	+0.08
1969						
	—0.05	—0.02	—0.03	—	—0.01	—0.17
1970						

As indicated by Table 14, the lowest chlorinity value (18.16 Cl‰) was found at the surface of the Kaštela Bay in June 1965. Minimum chlorinity was recorded every year at this station.

Table 14. Minimum values of Cl‰ at Split—Gargano cross-section (measurements from four seasons).

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962	19.85	20.63	21.03	21.17	21.21	21.17
1963	18.50	19.94	20.71	20.73	20.97	20.86*
1964	18.40	20.98	21.14	20.97	21.02	20.63**
1965	18.16	20.47	21.00	21.04	21.03	20.86
1966	18.78	20.32	20.87	20.90	20.83	20.71
1967	19.37	20.64	20.98	21.07	21.09	20.71
1968	18.63	20.90	20.86	20.91	21.37	21.04
1969	18.10	20.34	20.93	21.44**	21.29	21.27
1970	19.30	20.85	20.86	—	21.06	21.01

*) data from one season are lacking
**) data from two seasons are lacking

The differences in annual minimum Cl‰ values (m) between the nine successive years are given in Table 15. Annual minima differences show far less homogeneity as compared with the differences in successive annual maxima (Table 13). In some years all the cross-section stations behaved the same way, thus all the values were either positive or negative as in 1963, 1964 (with the exception of two most inshore stations), 1966 (except for the Kaštela Bay) and 1967. In some other years, however, there was no homogeneity at all. This led us to the conclusion that the geophysical complexity which regulates this

parametar (m) does not exert a uniform influence along the cross-section. This distinguishes the minimum Cl‰ values from the maximum ones.

The annual ranges for maximum and minimum values (not enclosed) were also computed, as well as the annual ranges between the maximum and minimum values (M-m) (Table 16).

Table 15. Differences in successive annual minimum Cl‰ values (m) at Split—Gargano cross-section

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1962						
	—1.35	—0.69	—0.28	—0.44	—0.24	—0.31
1963						
	—0.10	+0.04	+0.43	+0.24	+0.25	—0.13
1964						
	—0.69	—0.51	—0.09	+0.07	+0.01	+0.33
1965						
	+0.62	—0.15	—0.18	—0.14	—0.20	—0.15
1966						
	+0.79	+1.15	+0.13	+0.17	+0.26	0.00
1967						
	—0.74	+0.26	—0.12	—0.16	+0.28	+0.33
1968						
	—0.53	—0.56	+0.07	+0.53	—0.08	+0.23
1969						
	+1.20	+0.51	—0.07	—	—0.23	—0.26
1970						

Table 16. Ranges between maximum and minimum chlorinity values (M-m) in Cl‰

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Sušac (10)	(11)	Gargano (13)
1964	2.71	0.37	0.30	0.49	0.40	0.68*
1965	2.97	1.03	0.55	0.49	0.54	0.49
1966	2.34	0.99	0.49	0.50	0.65	0.74
1967	1.80	0.85	0.52	0.38	0.39	0.76
1968	2.66	0.62	0.74	0.65	0.19	0.46
1969	3.19	1.16	0.59	—	0.26	0.31
1970	1.94	0.63	0.63	—	0.48	0.40

*) data from March and December are lacking

Chlorinity ranges at coastal stations exceed those at stations in the open sea. Ranges of minima are larger along the eastern coast (the Kaštela Bay). As to the ranges of maxima, they were larger along the eastern coast in 1965 and 1968, and along the western coast in 1966 and 1967. Annual ranges of maximum and minimum chlorinities along the eastern coast are always greater than along the western coast, with the minor exception for 1968. In all the years these ranges were lowest at stations in the central part of the section, probably as the result of reduced influence from the land.

Distribution of chlorinity

The graphs of $P_z = f$ (t, D) type are used here. P stands for the property of the sea (Cl‰), z is the depths of sampling, t is time, and D is the distance of the station from the coast. Data refer to the period 1965—1970 (Figs. 16—27). Previous years were included in the paper by B u l j a n (1969a).

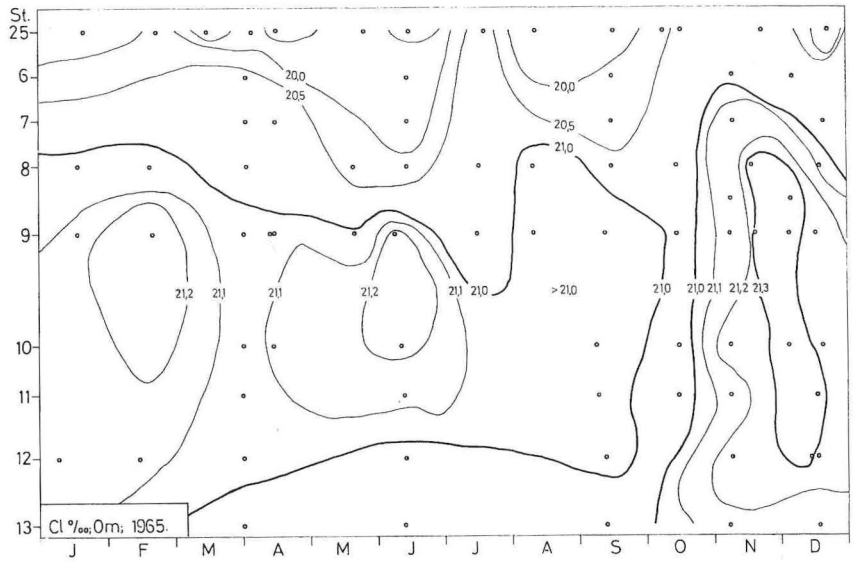

Fig. 16. Distribution of surface chlorinity at Split—Gargano cross-section in 1965.

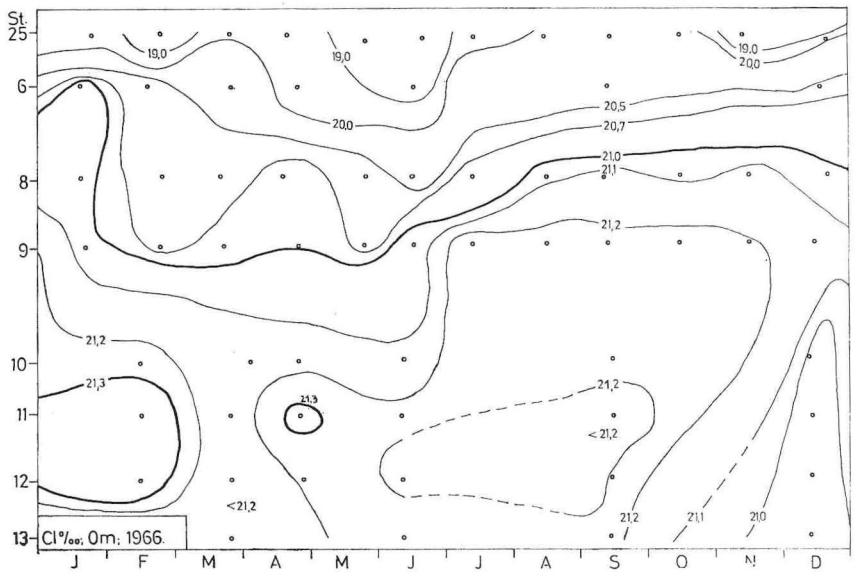

Fig. 17. Distribution of surface chlorinity at Split—Gargano cross-section in 1966.

As shown by the graphs enclosed, positions of 21.00 and 21.30 isochlores may be instructive.

The 21.30 isochlore may be taken as the separating line for »ingressional« water (B u l j a n, 1953) or the Mediterranean Intermediate water, after Z o r e - - A r m a n d a (1963). In 1966 the presence of water having a chlorinity higher

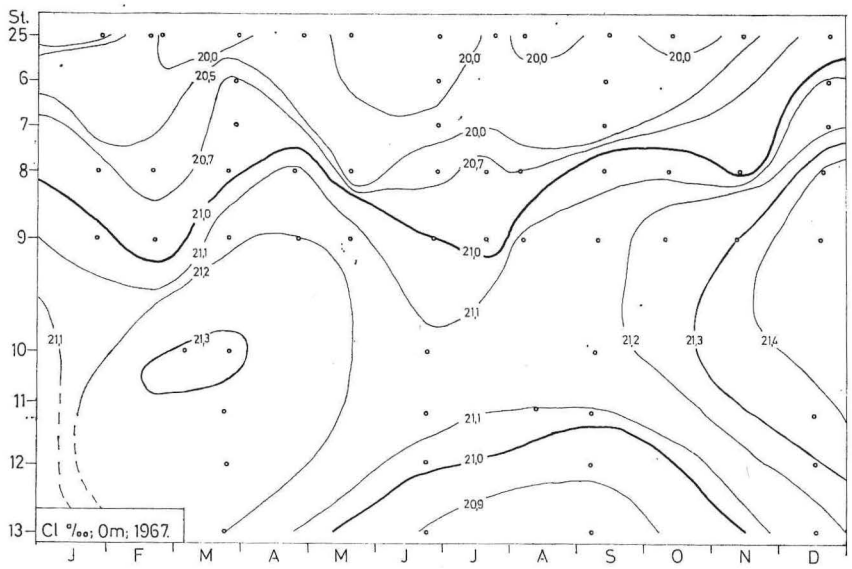

Fig. 18. Distribution of surface chlorinity at Split—Gargano cross-section in 1967.

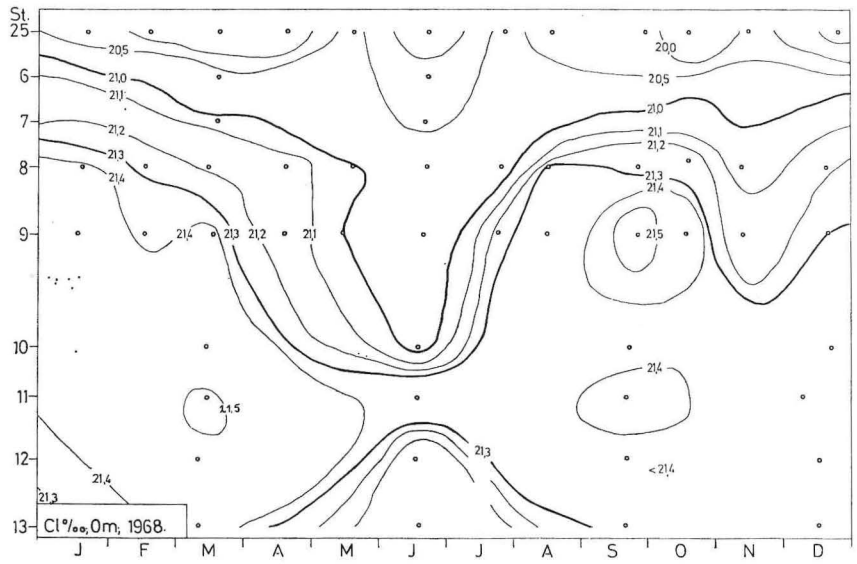

Fig. 19. Distribution of surface chlorinity at Split—Gargano cross-section in 1968.

than 21.30‰ was almost not recorded. It occurred at the end of 1967 and was widely distributed in 1968, 1969, and 1970. However, in the summer of 1970 it disappeared, to occur once more in September.

The 21.00 isochlore may be considered to represent the bordering line separating »open sea water« from inshore water. As shown by the graphs,

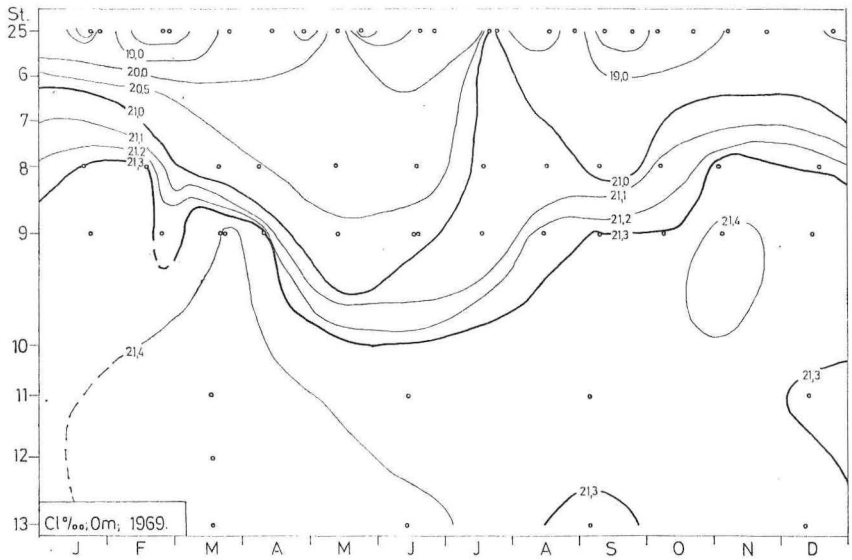

Fig. 20. Distribution of surface chlorinity at Split—Gargano cross-section in 1969.

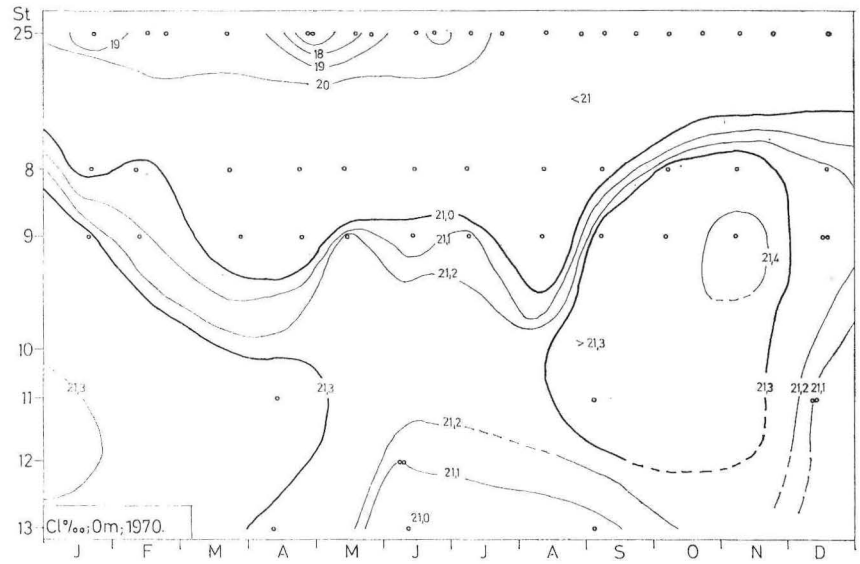

Fig. 21. Distribution of surface chlorinity at Split—Gargano cross-section in 1970.

these waters show the following pattern of distribution in the offshore direction: inshore water (< 21.00 Cl‰), open Adriatic water (< 21.30 Cl‰) and the Mediterranean water (> 21.30 Cl‰). The Mediterranean water (> 21.30 Cl‰) was recorded on either side of Stations 10 and 11 of the cross-section. Inshore water (< 21.00 Cl‰) spread from the eastern coast to Station 9. At the western portion of the cross-section, this water was found in the summer of 1967 only as far as Palagruža (Station 12) and in the spring 1970 at Gargano Station (13). In the warm part of the year there occur significant fresh water inflows,

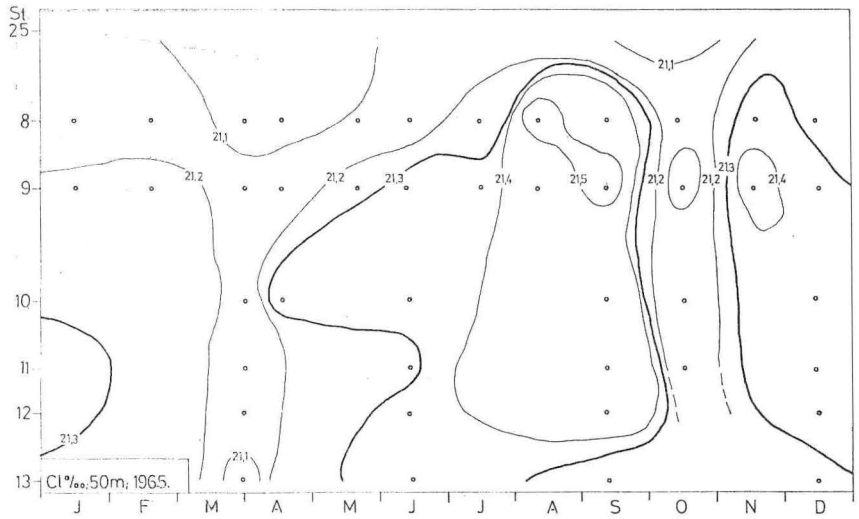

Fig. 22. Chlorinity distribution at 50 m depth at Split—Gargano cross-section in 1965.

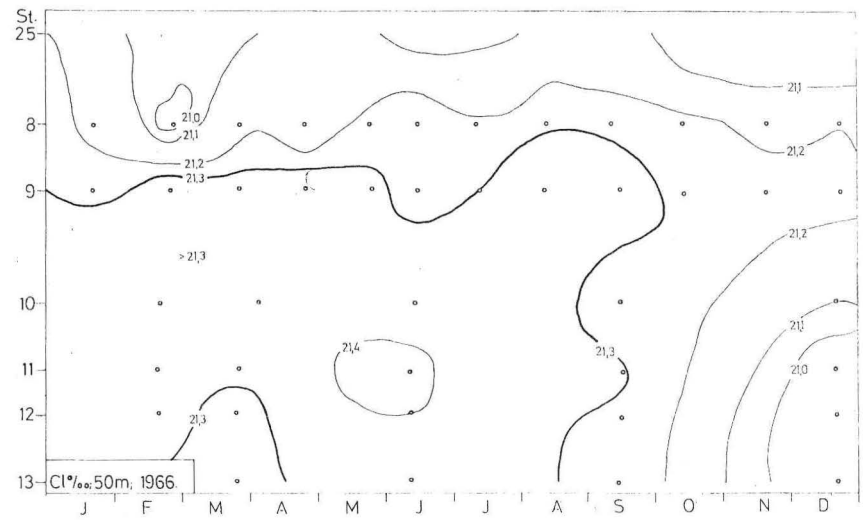

Fig. 23. Chlorinity distribution at 50 m depth at Split—Gargano cross-section in 1966.

draining particularly from the eastern coast (in 1966, 1968, and 1970) into the central part where otherwise Mediterranean water predominantes. Inflows from the western coast are of far less significance.

It is of importance that these transversal inflows do not occur in winter when the longitudinal flow is particularly marked, and the transport of waters over the section from the northern Adriatic to the southern, and reverse, is most intensive.

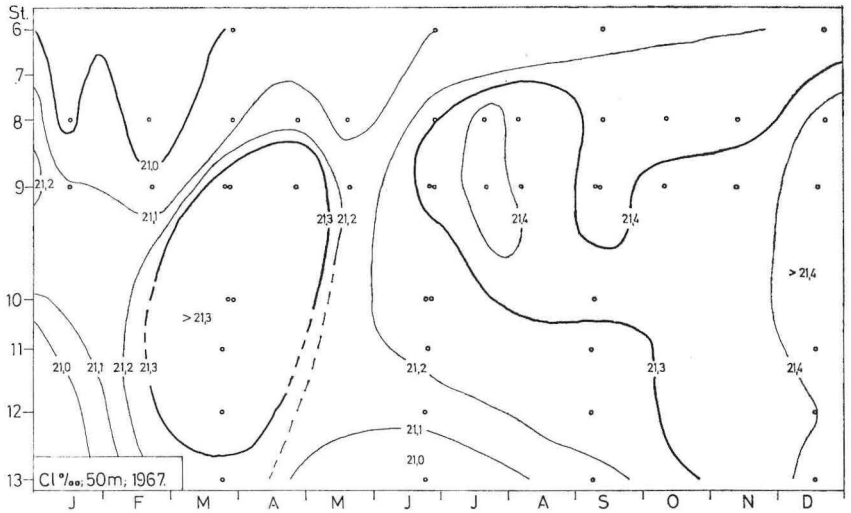

Fig. 24. Chlorinity distribution at 50 m depth at Split—Gargano cross-section in 1967.

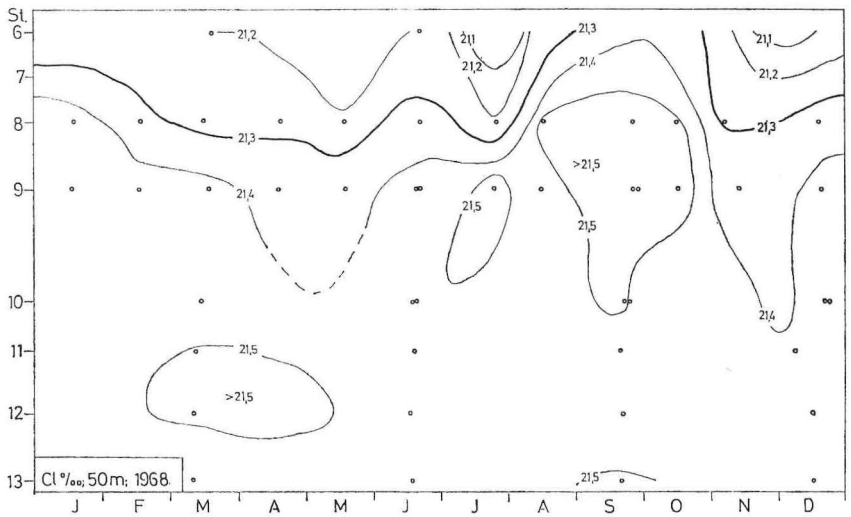

Fig. 25. Chlorinity distribution at 50 m depth at Split—Gargano cross-section in 1968.

Water of salinity lower than 21.30 Cl‰ was much more frequently recorded at 50 m than at the surface (Figs. 22—27). Values of 21.40 Cl‰ were also encountered here in 1965, 1967, 1968 (frequently), 1969 (frequently) and 1970. There are also some sporadic records from 1965 and 1970 showing water with chlorinity values as high as 21.50‰ and a large number of records of this water from 1968 and 1969 (»ingressional years«).

Inshore water was recorded in the central part of the section in the winter 1966/67 as well as in some other years.

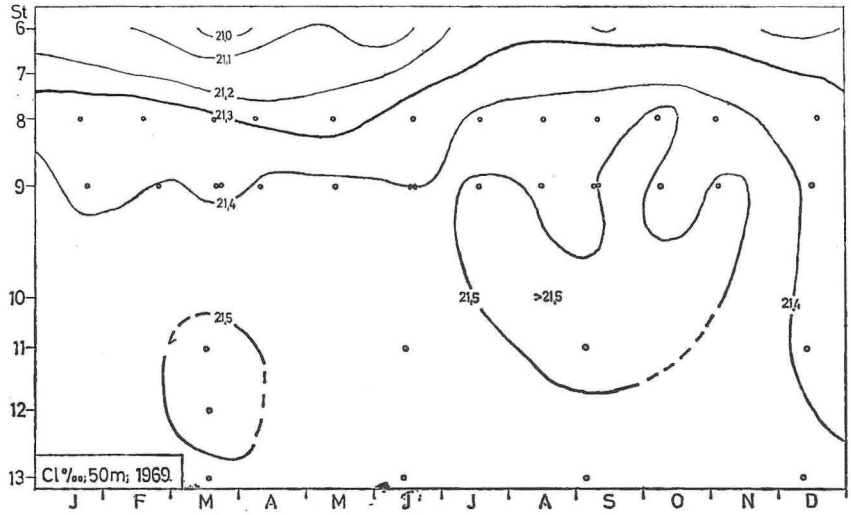

Fig. 26. Chlorinity distribution at 50 m depth at Split—Gargano cross-section in 1969.

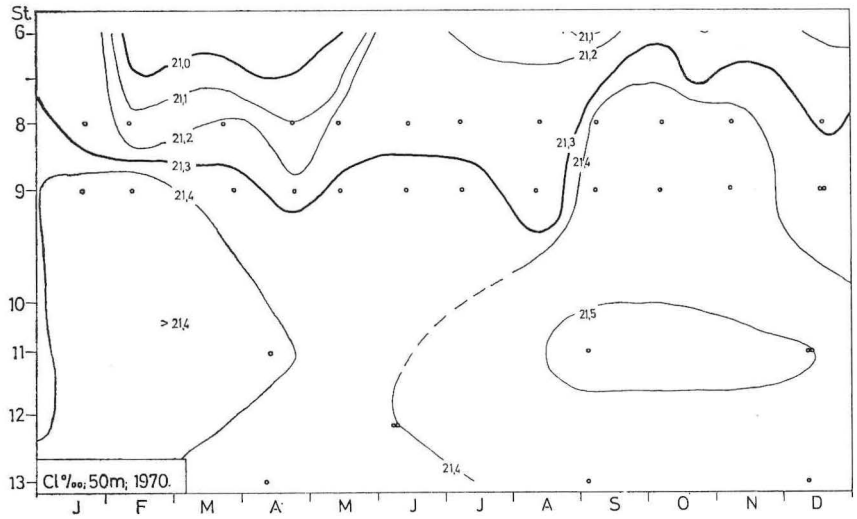

Fig. 27. Chlorinity distribution at 50 m depth at Split—Gargano cross-section in 1970.

The position of two main isochlores (21.00 and 21.30 Cl‰) on the graphs for Cl‰ distribution at 50 m depth in the 1965—1970 period, shows the influence of inshore water (< 21.00 Cl‰) on the open sea waters, as well as the influence of the latter (21.00—21.30 Cl‰) on the water of Mediterranean origin (> 21.30 Cl‰). These influences may be very intensive, as in Semptember 1964, March—April 1965, October 1965, May 1967. Its intensity, however, was reduced on some occassions, as in April—May 1968; November and December 1968; and December 1969. These intensive penetrations are sometimes felt along the whole of the cross-section, whereas the weaker ones are felt only up to the central part of the section (spring 1968, autumn 1968, spring 1970).

The majority of these freshwater penetrations originate from the eastern coast; those from the western coast are of minor importance (1968, 1969, 1970). There are some records of strong penetrations coming from both coasts (1965). An inflow (September 1964) originating only from the western coast was also recorded.

It should be emphasized that most of the penetrations offshore took place in the spring (April—May) and in late summer (August—September) (five times in eight years) respectively.

The autumn inflows are of particular interest (September 1964, October 1965). Since the rainy season starts later on the eastern coast, the decrease of salinity along this coast is due probably to the influence of waters of lower salinity coming from the Italian coast (Po River). This is in agreement with the system of currents prevailling in the central Adriatic, with the pronounced transverse flow in spring and autumn and the longitudinal flow in winter (Z o r e - A r m a n d a, 1966).

ANOMALIES OF TEMPERATURE AND SALINITY

With the aim of investigating the hydrographic properties of the Adriatic more thoroughly, a method of studying temperature anomalies was applied to the six years records of Station 9 in the central Adriatic.

Anomalies of temperature

Normal annual graphs of P = f (t, z,) type, where P is T°C and Cl‰ respectively, t stands for time, and z for the depth of sampling, were constructed from the temperature data collected on the Station Stončica, covering a 20-year period. Graphs (Figs. 28—33) were constructed on the basis of data on temperature anomalies collected monthly. Similar graphs were published earlier for Station Maslinica (B u l j a n, 1964, 1965, 1966).

A method of computation of anomaly values for T°C and Cl‰ respectively for individual months and years for all the layers was developed on the basis of normal graphs.

These graphs are of particular significance since they render possible a better estimation of the behaviour and character, during particular years

as well as the state and dynamics of the factor under investigation. These graphs may, therefore, be used in hydrologic, climatological, ecological, and in a number of other surveys.

Graphs for 1962—1964 are not given here since they were published earlier (B u l j a n, 1969a).

The vertical orientation of isoplethes in the graphs is possibly an indication that water exchange took place simultaneously in the whole of the water column. This may be the result of reduced dynamics since, obiously, the water is rather homogenous. This is the case in a series of years as 1953, 1957, 1959,

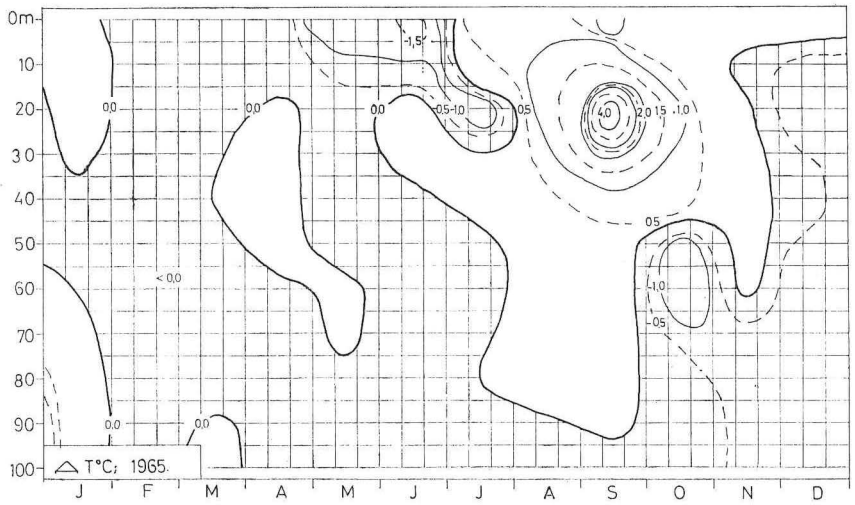

Fig. 28. Temperature anomalies at Station 9 (Stončica) in 1965. Crossed areas present negative anomalies and clear parts the positive ones.

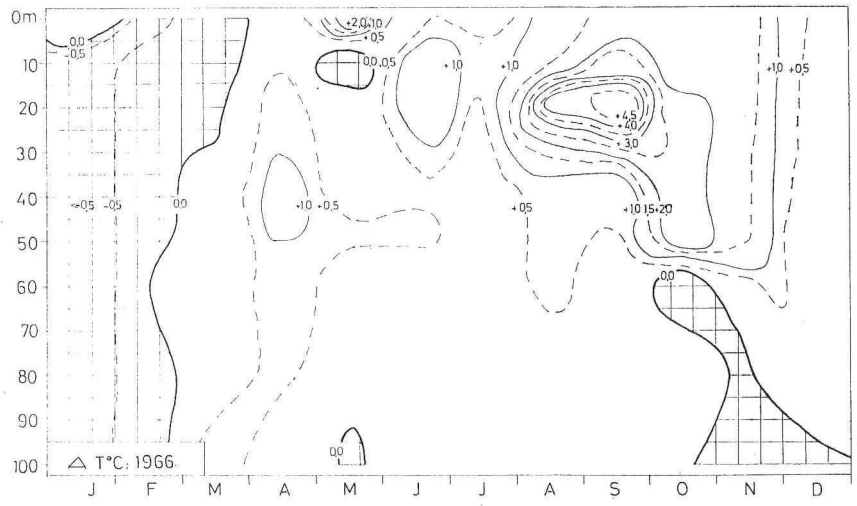

Fig. 29. Temperature anomalies at Station 9 (Stončica) in 1966.

1961, 1962, 1963, and to a certain extent in 1964 and later. However, the parts of graphs intersected by horizontal lines indicate that the advective motions of water masses were more intensive. The period 1965—1970 iz going to be described in more detail.

Negative anomalies occurring at the beginning of the year are common to all six years: 1965 (January—February), 1966 (January—March) 1967 (January—July), 1968 (January—March), 1969 (January—February), 1970 (January). Shorter periods of negative anomalies were noted at the end of some years, as well. However, they were pronounced only in 1968 and 1970, slightly less in 1965, 1967, 1969. In 1965 they almost did not occur. (Figs. 28—33).

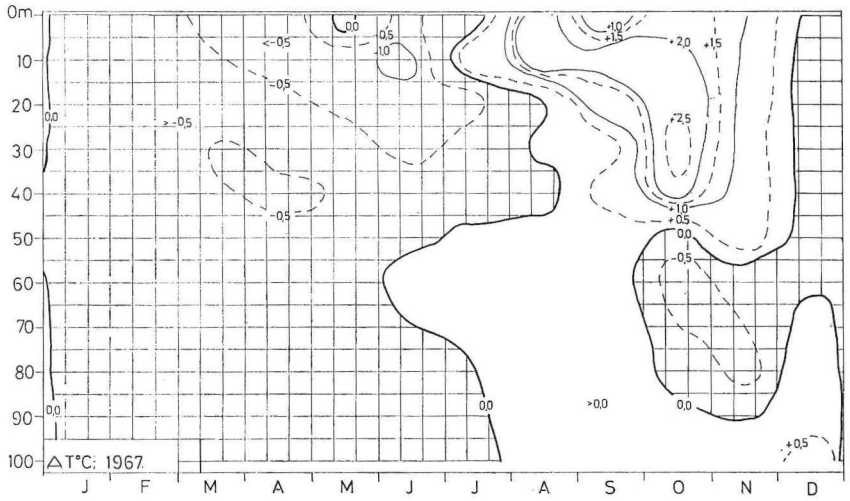

Fig. 30. Temperature anomalies at Station 9 (Stončica) in 1967.

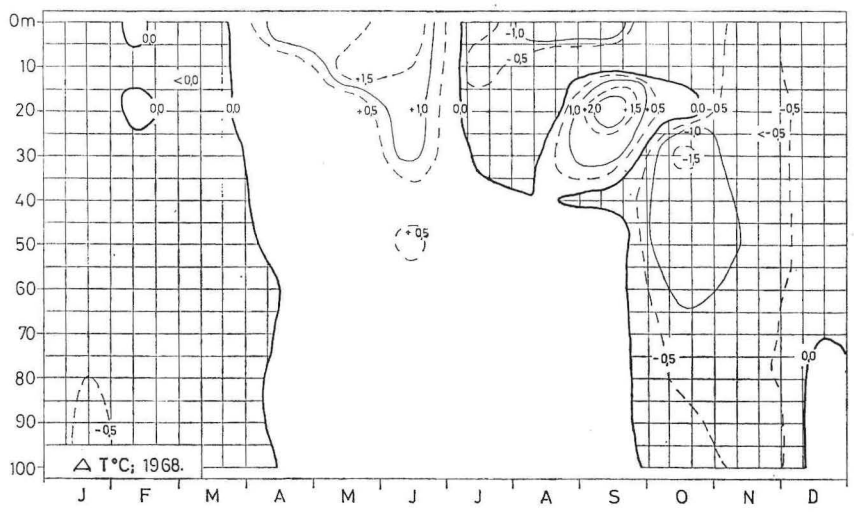

Fig. 31. Temperature anomalies at Station 9 (Stončica) in 1968.

The warmer part of the year showed positive anomalies everywhere. This positive anomaly was of the longest duration in 1966, slightly shorter in 1969 and 1970, even shorter in 1968 and 1965 and the shortest occurred in 1967.

Maxima of positive anomalies were most marked in 1966 (+4.84°; +4.01°); 1965 (+4.31°; +1.40°); 1967 (+2.91°; +2.83°); 1969 (+2.88°; +2.24°); and 1968 (+2.25°; +1.05°). All these records, except for one, refer to the surface layers down to 40 m depth.

Maxima of negative anomalies were most marked in 1969 (—2.97°); 1970 (—2.70°; —2.19°); 1965 (—1.53°; —1.49°); 1968 (—1.50°; —1.26°); 1967 (—1.17°C)

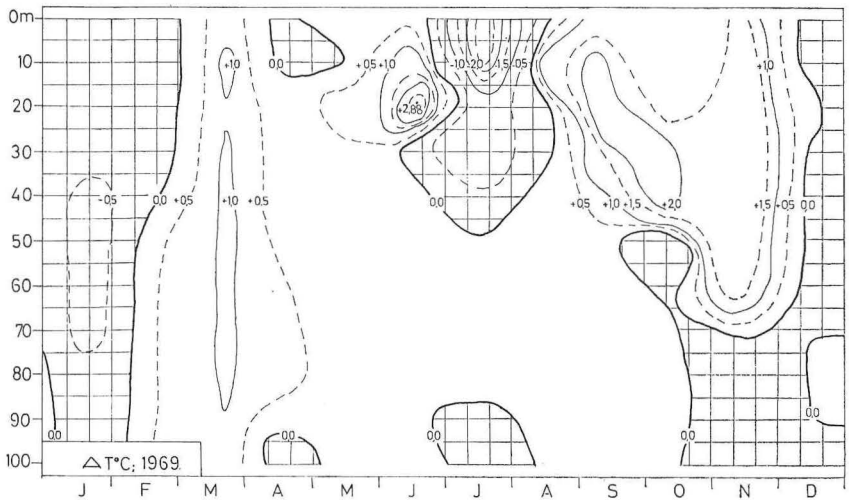

Fig. 32. Temperature anomalies at Station 9 (Stončica) in 1969.

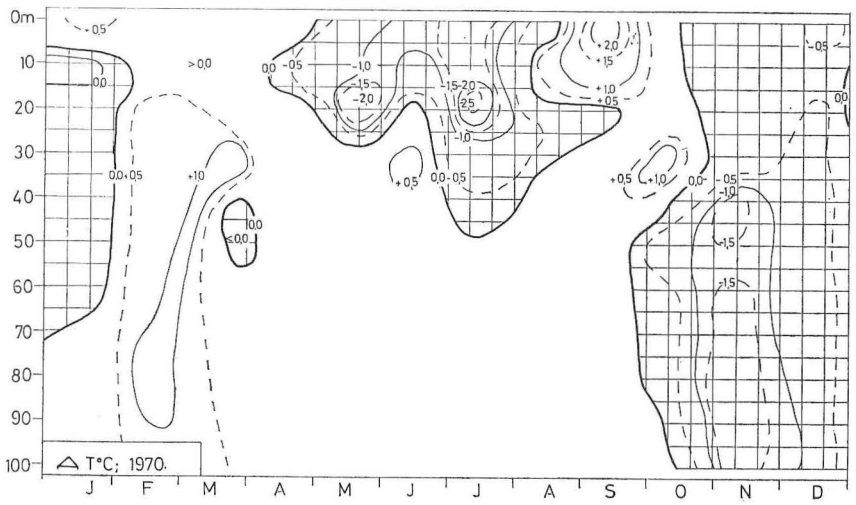

Fig. 33. Temperature anomalies at Station 9 (Stončica) in 1970.

and poorly marked in 1966 (—1.07°C). All these anomalies were recorded from the upper 50 m. There was only one exception in 1966.

The significant occurrence of intensified positive anomalies in late autumn 1966, 1967, and particularly 1969 indicates that the inflow of warmer waters from the south into the central Adriatic was large. Also shown by the data

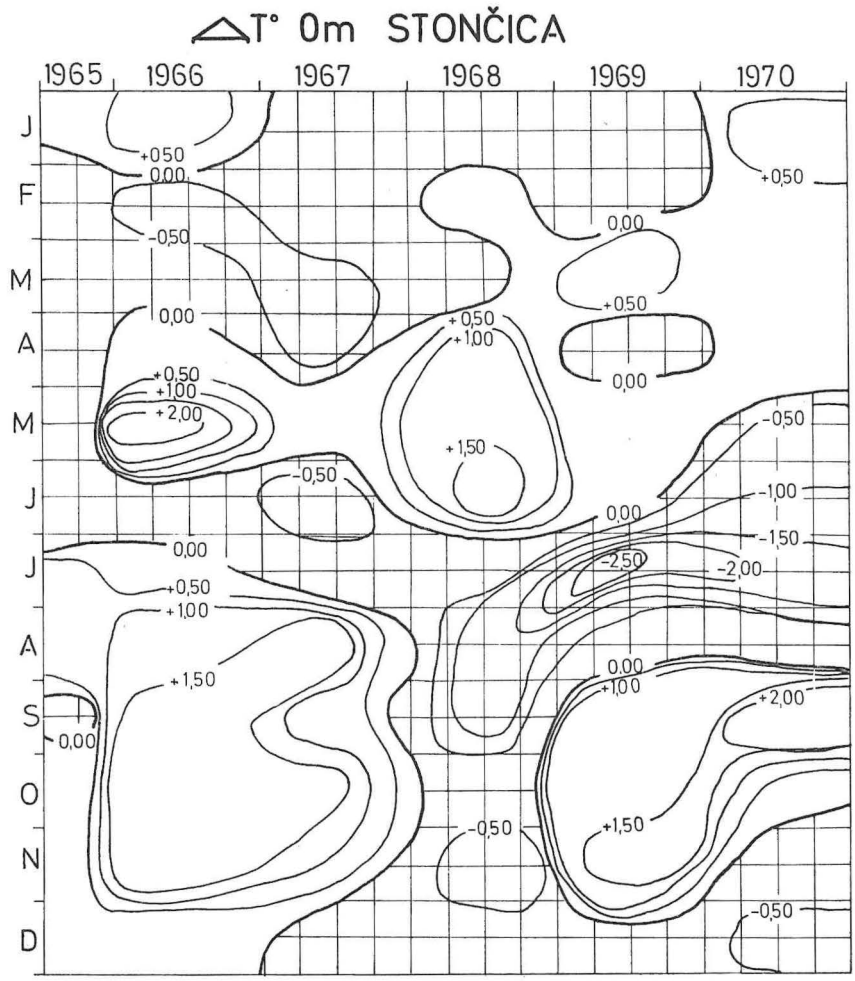

Fig. 34. Anomalies of sea surface temperature at Station 9 (Stončica).

from Stončica Station, were pairs of high positive and high negative anomalies in the upper layers throughout the four years. Meanwhile, the cores of positive anomalies were far better developed than those of negative anomalies. Cores of anomalies were usually adjacent to one another by time but often at different depths.

Values of anomalies are markedly high. Their adjacent position indicates high gradients. It may be concluded, thus, that the occurrence of these anomalies points to the presence of advective motions of water masses, sea currents and countercurrents in the area studied. This phenomenon should be further investigated. Probably the method could be of some help in detecting the dynamics of microstructure of water layers.

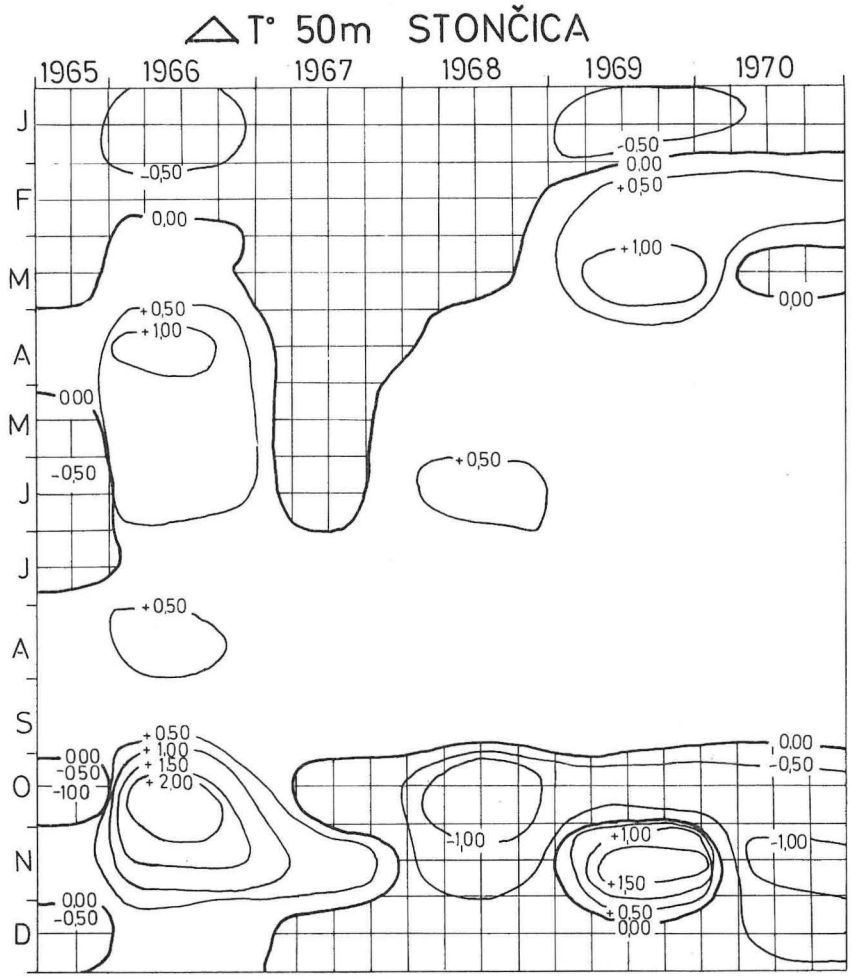

Fig. 35. Anomalies of sea temperature at 50 m at Station 9 (Stončica).

Figures 34, 35, and 36 depict the temperature anomalies of three layers at Station 9 for six years of investigations. We concluded the following:

i) Negative anomalies at 0, 50, and 100 m occurred mostly at the begining of the year, particularly in 1967.

ii) In the warm part of the year particularly, we find only positive anomalies (50 and 100 m).

iii) Positive anomalies were found in the surface layer from August to the end of the year. This was not the case in 1968. This influence was felt even down to the bottom (100 m).

iv) In the last third or quarter of the year, as a rule, high absolute values of both anomalies were recorded. The highest values were noted at 0 m, somewhat lower at 50 m and the lowest at 100 m.

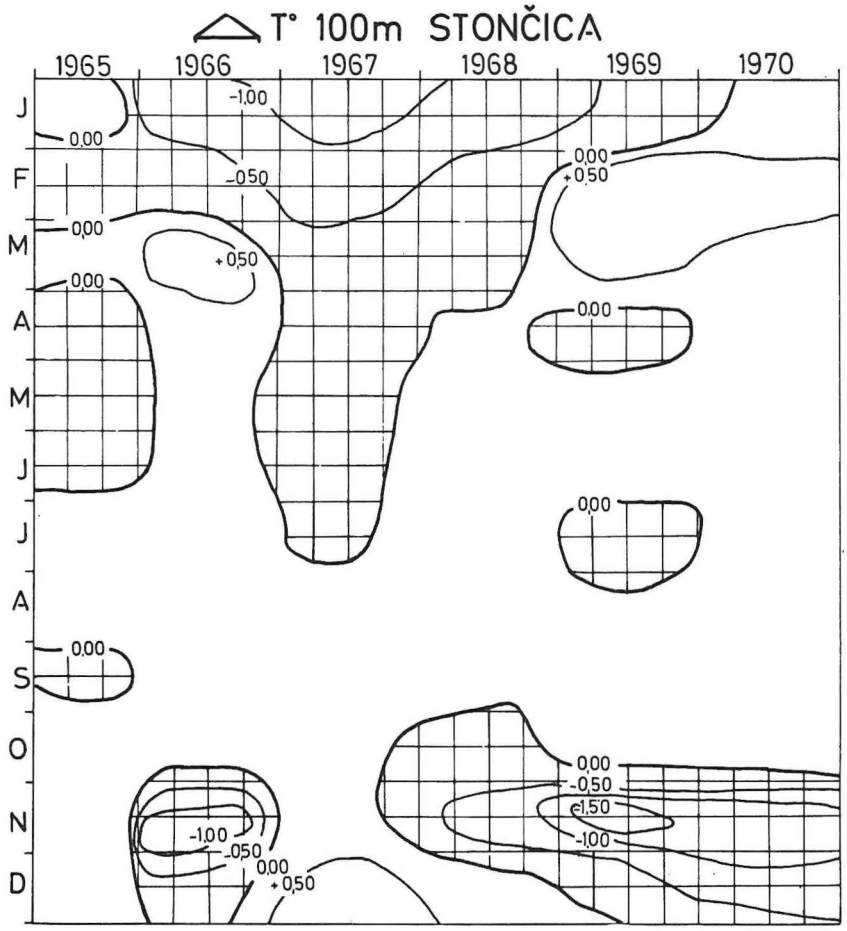

Fig. 36. Anomalies of sea temperature at 100 m at Station 9 (Stončica).

Anomalies of chlorinity

The method used for processing data of chlorinity and plotting the graphs for Station Stončica (9) (Figs. 37—42) is anologous to that applied for temperature anomalies. Graphs for 1962—1964 have been published earlier (B u l j a n, 1969a). Graphs for still earlier years have not been published although they are discussed here.

In 1964 eight successive occureences of positive and negative anomalies from the top to the bottom of the column were recorded. The highest deviations were +0.19 and —0.39 Cl‰. In 1965, even though rather poor, the tendency toward a horizontal arrangement of isoplethes was noticed. In 1966 this tendency was considerably intensified, and lasted almost half the year. The vertical arrangement of negative anomalies in the autumn of this year was similar to that in the autumn of the preceeding year. These two years are similar in this respect.

A vertical arrangement of isoplethes normally occurs at Stončica. It may indicate a gradual water exchange. The factors acting from the coast alternate

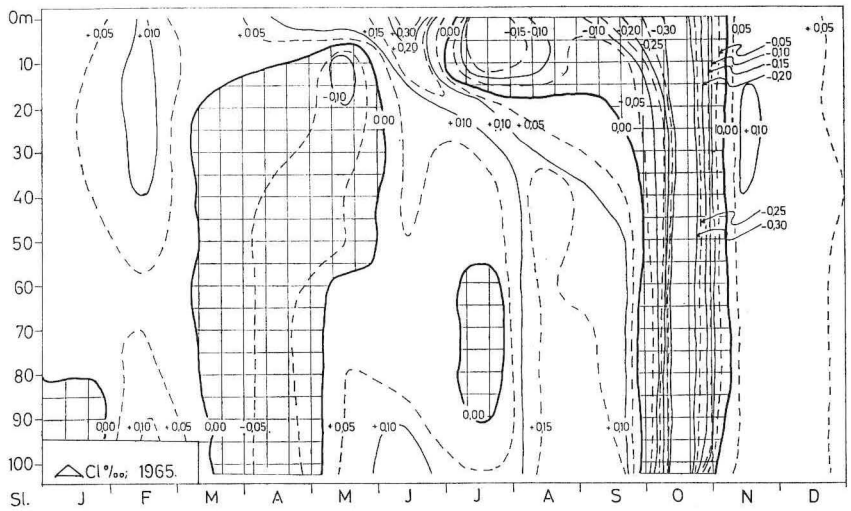

Fig. 37. Chlorinity anomalies at Station 9 (Stončica) in 1965.

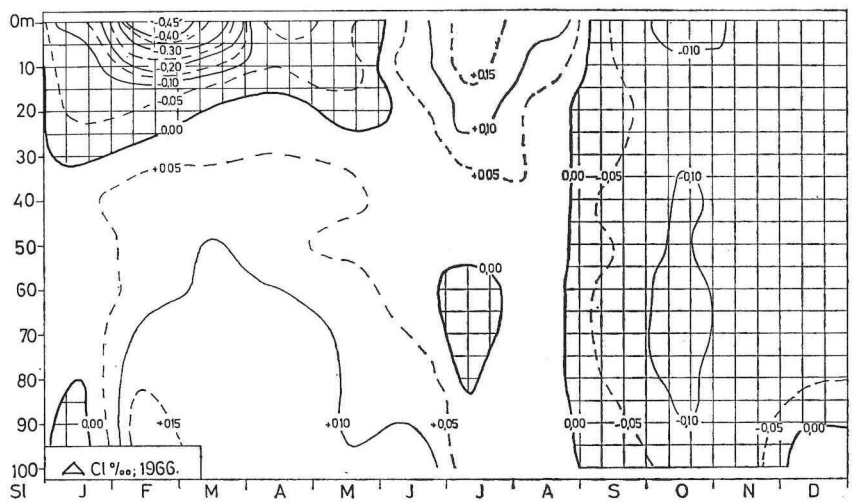

Fig. 38. Chlorinity anomalies at Station 9 (Stončica) in 1966.

with those acting from different directions of the open sea, and simultaneously felt throughout the water column.

The horizontal arrengement of isoplethes may, however, indicate the simultaneous influence of both the factors i. e. those acting from the coast in one layer and acting from the open sea on another layer. The horizontal arrangement of isochlores seems to occur rather rarely. It was found in 1948, in the first half of 1953, and in 1965 and 1966 (Figs. 37—42). The influence of the land on the upper 20 m and of the open sea on deeper layers was noted in 1965 and 1966. In 1948, however, a stronger influence of the open sea on the surface layer was recorded.

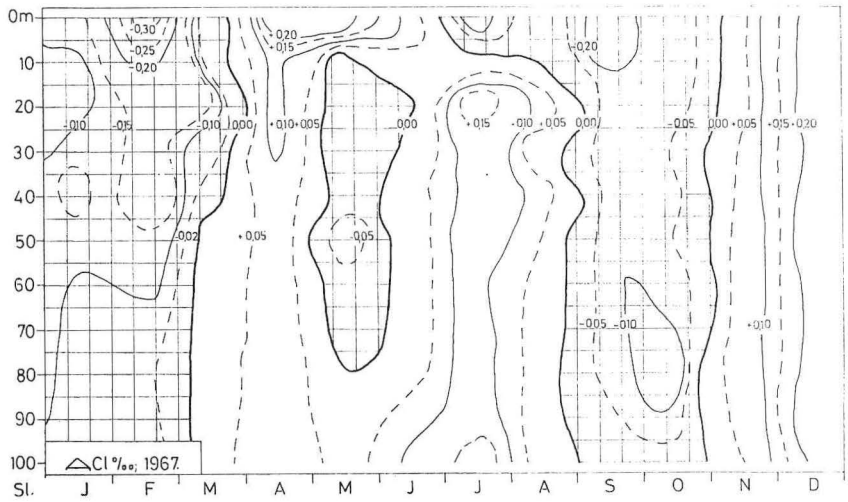

Fig. 39. Chlorinity anomalies at Station 9 (Stončica) in 1967.

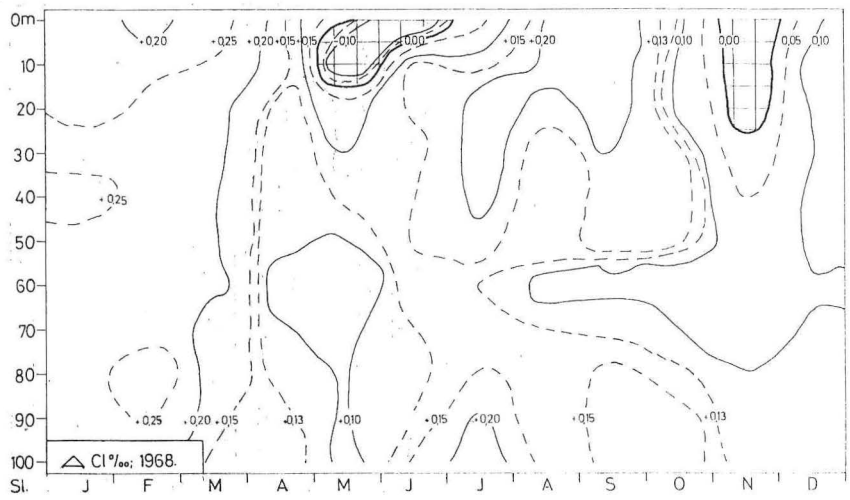

Fig. 40. Chlorinity anomalies at Station 9 (Stončica) in 1968.

The least number of positive Cl‰ anomalies, about 50 percent, was recorded in 1967. This number amounted to 60 percent in 1966, it was about 65 percent in 1965 and reached 80 percent in 1970. In 1968 and 1969 positive anomalies made up about 95 percent of the records. This indicates that the Adriatic was under the strong influence of higher salinity water from the south.

The increase in salt content began at Stončica Station in November 1967 (if we take no account of 1965), reached a climax at the begining of 1968 and continued throughout 1968. These data and the temperature ones led us to conclude that the inflow of waters of southern origin continued in 1969, as well.

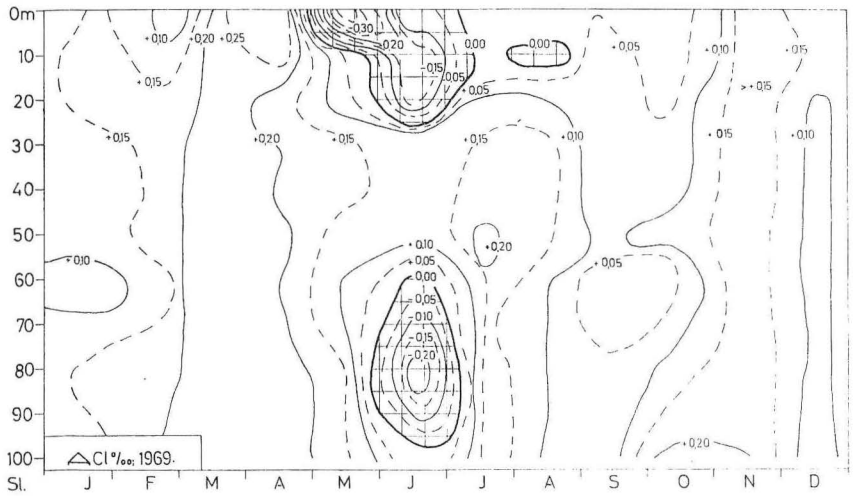

Fig. 41. Chlorinity anomalies at Station 9 (Stončica) in 1969.

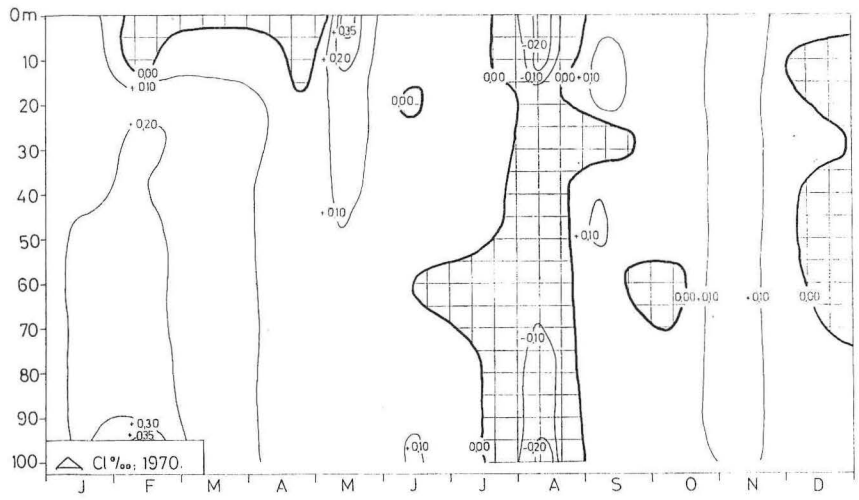

Fig. 42. Chlorinity anomalies at Station 9 (Stončica) in 1970.

Since the intermediate levantine water type and the water of salinity as high as 38.98‰ were recorded from the central Adriatic in 1969, these two years (1968—1969) are considered to be a period of ingressional waters.

The increase in salt content extended throughout 1969 and even in 1970 (except in August). In addition to their prolonged duration in 1968 and 1969, positive chlorinity anomalies were often of high intensity (at Stončica value Δ Cl‰ = +0.2 were recorded for months). This ingression was as strong as the one recorded in 1913/14 (B u l j a n, 1953).

The data from the South Adriatic Basin and Jabuka Basin also prove the occurrence of this strong ingression i. e. the inflow of the intermediate water type of the eastern Mediterranean.

The comparison of graphs for anomalies of Cl‰ at Stončica (Figs. 37—42) with cross-sectional graphs for Cl‰ at 50 m (Figs. 22—27) clearly shows their close relationship. Thus almost all the higher minima of Cl‰ in the eastern Adriatic littoral are accompanied by a corresponding displecement of 21.00 and 21.30 Cl‰ isochlores towards the coast. At the same time, a larger or smaller area of negative anomalies was noted almost throughout the water column at Stončica Station (9).

As indicated by the graphs, the reduction of sea water salinity and the occurrence of negative anomalies in late summer and early autumn (September 1965 and as it seems August 1963) were noted. Since this decrease in salinity preceeded the rainy season, i. e. occurred while the summer regime prevailed on the eastern coast, the causes of this reduction of salinity cannot be looked for on the eastern coast. Therefore, they are ascribed to the influence of the western coast. Inflow of waters of lower salinity from the western coast into the Stončica area agrees well with the system of sea currents prevailing in the central Adriatic in autumn (Z o r e - A r m a n d a, 1966).

Similar observations may be applied to the occurrences of maximumm chlorinity, as shown by both types of graphs.

This kind of comparison of oceanographic data which refer to vertical distribution (Station Stončica) with those which refer to horizontal distribution (Split—Gargano cross-section) adds much to the better understanding of anomalies from graphs. These graphs thus gain in rationality and value. Stončica station is representative of the cross-section. Therefore, the better knowledge of the conditions prevailing at this station at a given time may be indicative of the properties of the central Adriatic as a whole.

Table 17. Positive correlation between the occurrence of Cl‰ maxima as shown by the graphs for anomalies (Stončica) and those as shown by the cross-sectional graphs for Cl‰ (Split—Gargano).

Year	Maximum chlorinity recorded at	
	Stončica	Split—Gargano cross-section
1962	January — March July — September	February — March May — September
1963	January — February	January — February
1964	March June — August October	March June — August October

1965	February June — September November — December	February June — September November — December
1966	January — August	January — September
1967	March — April June — August November — December	March — April July — August October — December
1968	January — December	January — December
1969	January — May July — December	January — December
1970	January — June September — December	January — December

SEA WATER DENSITY (σ_t)

Stončica Station

As concerns density distribution, the data from Stončica Station (9) show the following:

1. Vertical homogeneity in the colder part of the year and stratification in the warmer part.

2. Temperature is the factor of prevailing influence on σ_t values and their variations during the year.

3. Maximum values were recorded from deeper layers in March. The occurrence of a secondary maximum in summer (August) also in deeper layers is rather interesting. This summer increase in σ_t values may be in connection with the upwelling which is a phenomenon ordinarily found in this season. An annual minimum was found at the surface in the warmest season.

Split—Gargano cross-section

A particularly marked vertical gradient in the upper 40—50 m occurs in the cross-section from the eastern to the western coast in the warmer part of the year (September) (Figs. 43—46). Isopycnals are more dense at the western part of the section. In deepper layers, denser water was recorded at Stations 11 and 13, i. e. closer to the western coast.

Stratification does not occur in winter. It is well developed only at the eastern coast as far as Stations 8 (1967) and 9 (1969) (Figs. 44 and 45).

The position of isopycnal $\sigma_t = 29.00$ recorded in September 1969 (Fig. 46) indicates the strong dynamics in deeper layers of waters flowing south-east along the western coast.

The distribution of maximum values in the winter of 1969 also indicates the strong outflow of water in a south-easterly direction along the western coast. Along the eastern coast, the north—westerly slow of the surface layer was rather strong in the channels between the islands (Figs. 43—46). Winter (March) and summer (September) 1965 appeared to be the periods with weaker dynamics. It should be added that the data on other parameters (T, Cl) from 1969 show this year, as well as 1968, to be the ingressional years. However, the year 1965 was not ingressional. It agrees with our earlier findings that the Adriatic ingressional period was characterised by a strong exchange of waters between the Adriatic and the Mediterranean.

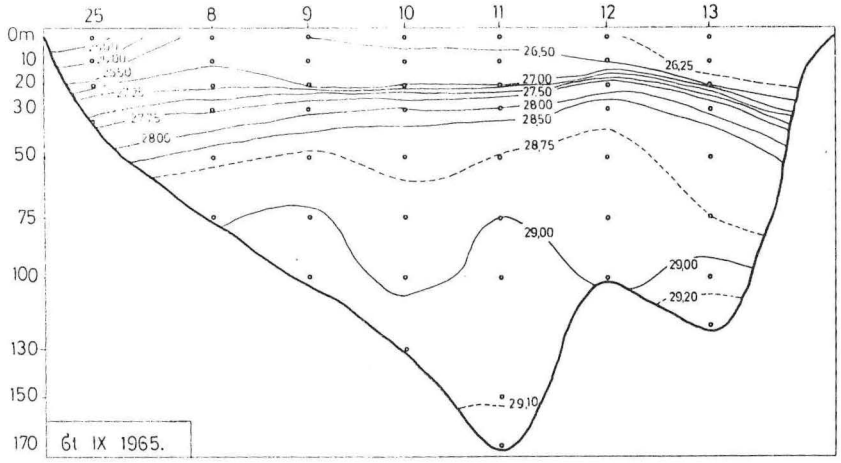

Fig. 43. Density distribution at Split—Gargano cross-section in September 1965.

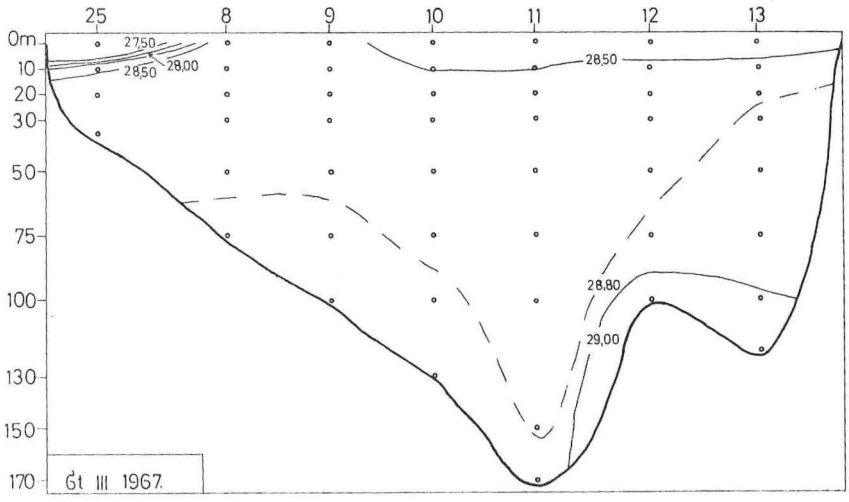

Fig. 44. Density distribution at Split—Gargano cross-section in March 1967.

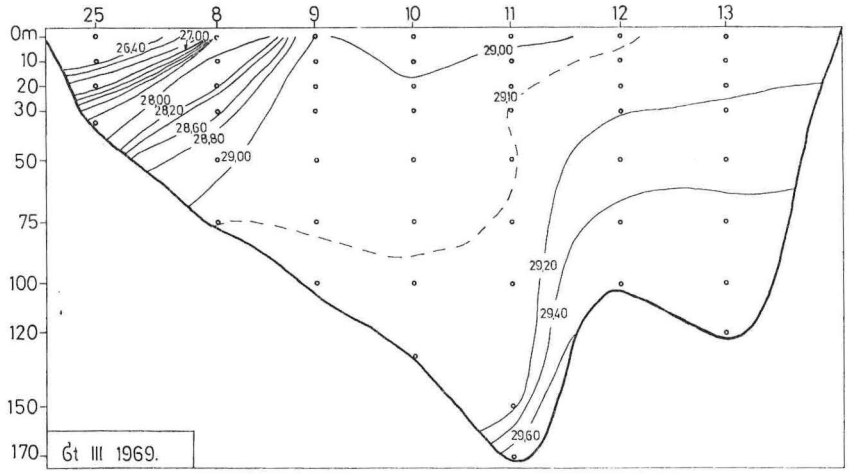

Fig. 45. Density distribution at Split—Gargano cross-section in March 1969.

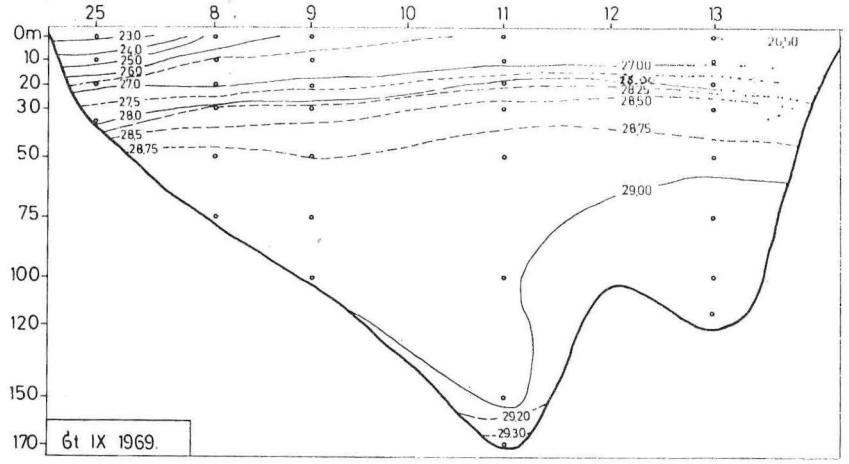

Fig. 46. Density distribution at Split—Gargano cross-section in September 1969.

Longitudinal transect

Graphs (Figs. 47—50) show that the distribution of isopycnals from an ingressional year (1968) differs from that of other years (1967) i. e. from the years of a local Adriatic regime. In March and September denser water spread from the northern Adriatic and Jabuka Basin into the South Adriatic Basin through Palagruža Sill. The same was also found in the winter 1967, even though the water was less dense. In the summer 1967, however, there was no evidence that the water from the Jabuka Basin poured into the South Adriatic Basin.

On the basis of graphs we may conclude the following:

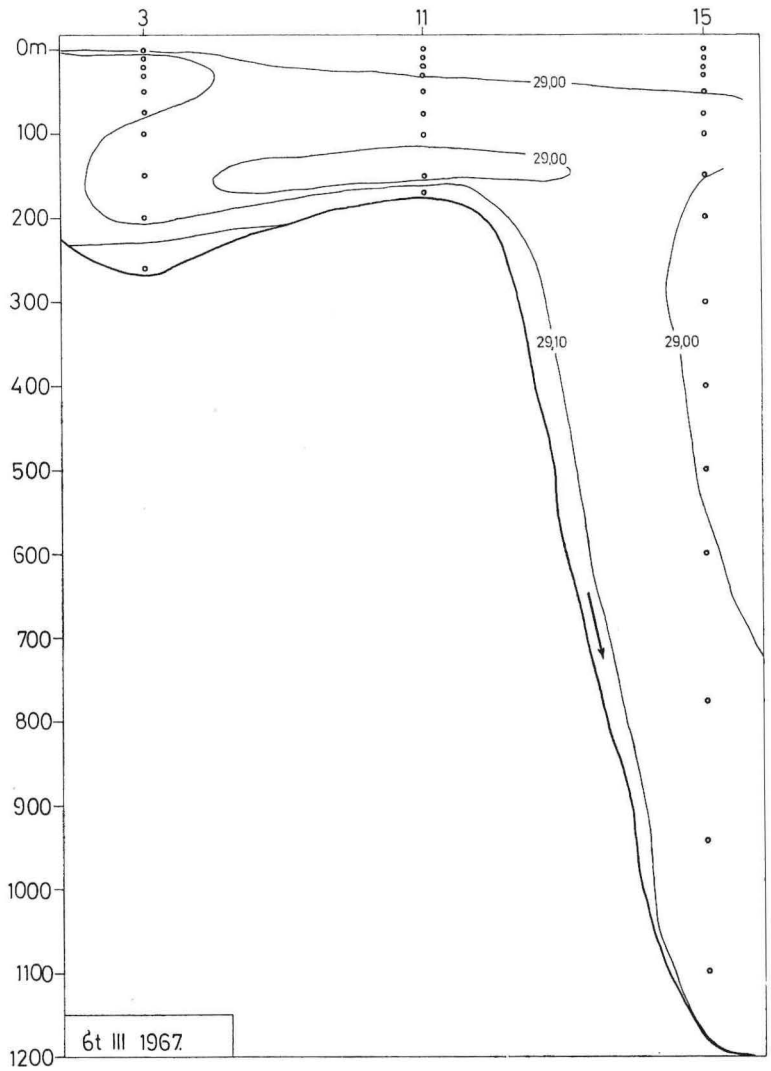

Fig. 47. Density distribution at longitudinal transect in March 1967.

1. The thickeness of the sea-water layer at Palagruža Sill which flows into the South Adriatic Basin (Results are given in Table 18) is sometimes 140 m (from 30 m depth to the bottom) and sometimes it is reduced to 10 m at the bottom. This layer was not found at all in the summer 1967.

2. The water in the South Adriatic Basin sometimes sinks to the bottom (1200 m), sometimes to 900 m, and sometimes it does not sink at all.

Table 18. Sinking of sea water in the South Adriatic Basin according to the σ_t data

Time	Thickness of sea layer sinking at Station 11	Depth to which the water sinks at Station 15
March 1967	30—170 m = 140 m	1200 m
March 1968	30—170 m = 140 m	1200 m
March 1969	160—170 m = 10 m	1200 m
Sept. 1967	0 m	0 m
Sept. 1968	130—170 m = 40 m	1200 m
Sept. 1969	160—170 m = 10 m	900 m

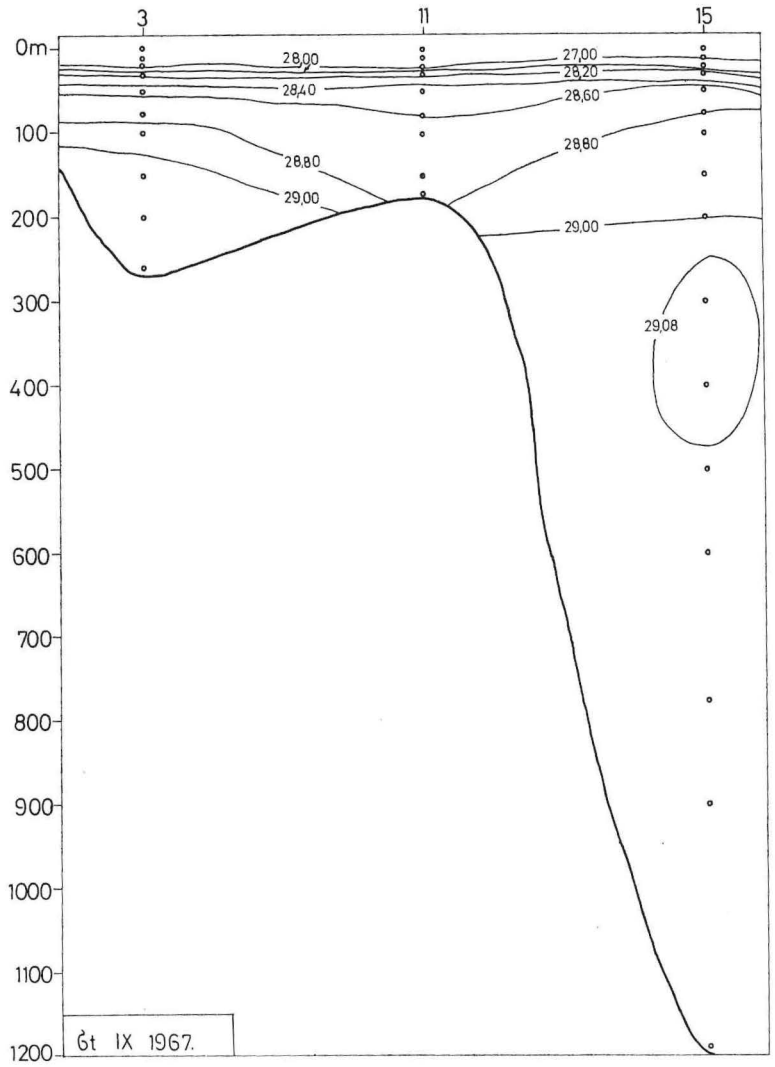

Fig. 48. Density distribution at longitudinal transect in September 1967.

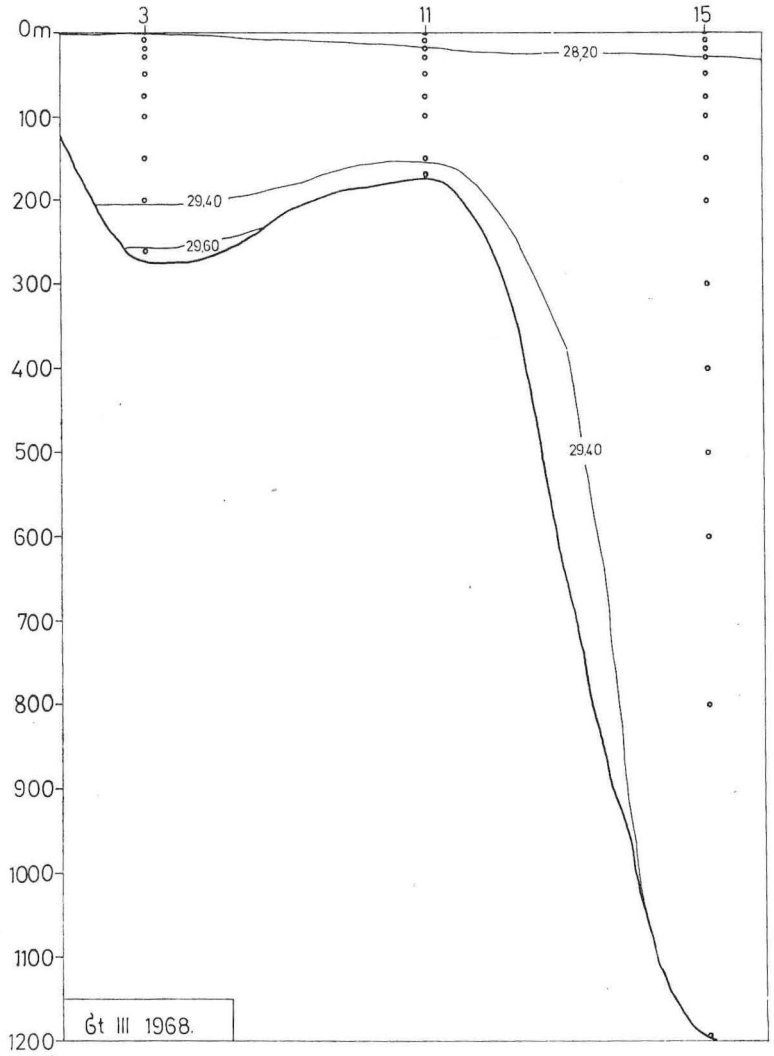

Fig. 49. Density distribution at longitudinal transect in March 1968.

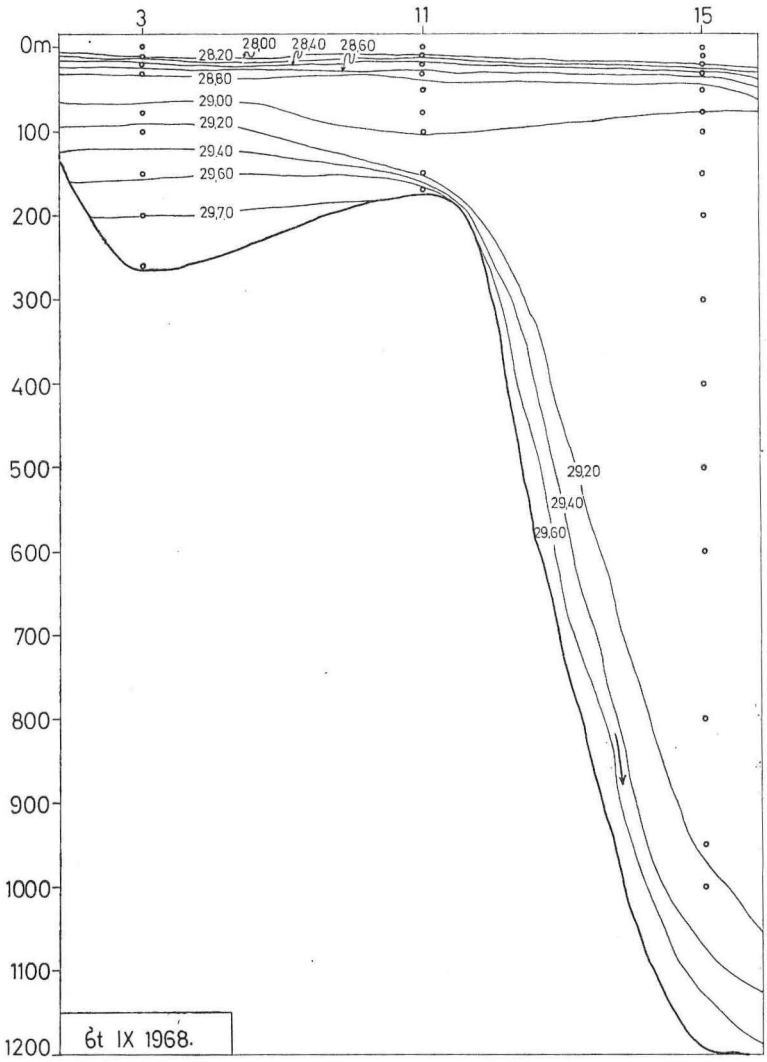

Fig. 50. Density distribution at longitudinal transect in September 1968.

CURRENTS

Measurements from an anchored ship

Most of the measurements were carried out at Station 9 (Stončica). The table showing frequency of directions was constructed for this station, according to the Table A3 of the third part of the Annex & on the basis of data from this station published earlier (Z o r e - A r m a n d a, 1968).

Table 19. Frequency of eight cardinal current directions for Stončica Station (1956—1970) according daily resultants

Direction	N	NE	E	SE	S	SW	W	NW
surface	11	7	4	6	5	7	14	12
50 m	9	8	8	2	2	3	10	21
100 m	15	6	3	3	7	4	11	10
Total	35	21	15	11	14	14	35	43

It is evident that at Stončica the directions from the fourth quadrant prevail, i. e. W, NW, and N. The direction of incoming Adriatic current is NW. Therefore, since the Stončica station is closer to the eastern coast, the NW direction was expected to prevail there. N is the direction of flow from the open sea towards the eastern coast. The transport of more saline water is due to this direction. An offshore flow in a westerly direction is probably partly influenced by the Neretva River. A westerly direction has recently been noticed all along the eastern coast. It is supposed to be influenced by bora wind and connected to upwelling (Zore-Armanda et al. 1977).

The westerly direction is prevalent at the surface, followed by NW and N; a NW direction prevails at 50 m; a N at 100 m. The prevalence of incoming northwest current at 50 m agrees with all the other data indicating the inflow of water to the Adriatic in the intermediate layer. A westerly direction at the surface probably indicates the influence of the bora wind (NE). The occurrence of a northerly direction in the bottom layer may be of particular importance. It may also be due to the upwelling in the coastal region of the central Adriatic, which was mentioned in the chapter on temperature. Namely, upwelling brings the water from lower layers to the coast and north is the prevailing direction in the bottom layer. If only the relationship between the incoming and autgoing currents (NW and SE) is analysed, it is evident that the incoming current is markedly predominant at all three depth, since the total ratio is 43 : 11, i. e. 4 : 1. If the relationship between transverse directions, i. e. directions of flow towards the coast (N) and offshore (S), in taken, the ratio is 35 : 14, i. e. about 2.5 : 1. If, however, all the directions of flow towards the eastern coast (N, NE, E) are taken into account with those off the eastern coast (S, SW, W), their ration is 71 : 64, which means that their frequencies are almost equal.

Current measurements at Stončica Station have been taken every month since 1968. Data on seasonal distribution of currents have, thus, become available. It was earlier established (Zore-Armanda, 1966) that there was a seasonal rhythm in the system of surface currents. Thus, the NW direction prevails in winter, the N in spring, the SE in summer, and the SW in autumn. Some data (distribution of temperatures along the eastern coast) indicated that April belongs to the winter regime of currents. Direct current measurements supported this, since the NW direction was best developed in April. This flow direction occurs from January to April and is also most prominent and most consistent.

To get a better insight in the multiannual changes in the current regime at Stončica Station, the table of frequency of directions by different years was compiled (Table 20). However, no reliable comparison could be made, since prior 1968 the measurements were carried out seasonally, and from 1968 on, monthly. In 1968, a westerly direction was most prominent in the surface layer, and in 1969 a NE direction. At 50 m the NW direction is always predominant. At 100 m the N direction, i. e. the flow of deep waters towards the coast, prevailed only in 1969. This indicates strong upwelling in that year. The occurence of upwelling is also indicated by the annual variations of temperature at Stončica station, since the greatest decrease of sea temperatures occured in July and August, as compared with the temperatures in June at 20—30 m depth, in 1969.

Table 20. Frequency of directions for Station 9 (Stončica) during 1965—1970 according to daily resultants.

	N	NE	E	SE	S	SW	W	NW
	Surface							
1965	0	2	0	1	0	0	1	0
1966	0	0	0	1	1	0	0	2
1967	1	0	0	0	0	1	2	2
1968	2	1	1	1	0	0	5	2
1969	1	4	2	0	2	0	2	1
1970	3	1	0	1	0	2	2	3
Total	7	8	3	4	3	3	12	10
	50 m							
1965	0	1	2	0	0	0	1	0
1966	0	0	1	0	0	1	0	2
1967	3	0	0	0	1	0	1	1
1968	2	1	0	1	1	1	1	5
1969	1	4	2	0	0	1	0	4
1970	1	1	1	0	0	0	3	6
Total	7	7	6	1	2	3	6	18
	100 m							
1965	0	1	1	1	0	0	1	0
1966	1	0	0	0	1	0	1	1
1967	3	0	0	1	1	0	1	0
1968	3	0	0	0	2	1	3	3
1969	7	0	2	0	0	1	0	2
1970	1	3	0	0	1	2	3	2
Total	15	4	3	2	5	4	9	8
	All depths							
1965	0	4	3	2	0	0	3	0
1966	1	0	1	1	2	1	1	5
1967	7	0	0	1	2	1	4	3
1968	7	2	1	2	3	2	9	10
1969	9	8	6	0	2	2	2	7
1970	5	5	1	1	1	4	8	11
Total	29	19	12	7	10	10	27	36

At Station 10 (Sušac), currents were measured seasonally from 1962—1968. The data for 1967 and 1968 are given in the Annex (Table A4, part III). Earlier data were published in the already mantioned paper (Z o r e - A r m a n d a, 1968).

Table 21. Frequency of eight principal directions at Station 10 (Sušac) for the period 1962—1968, according to daily resultants

Direction	N	NE	E	SE	S	SW	W	NW
Surface	3	2	0	1	1	3	2	7
50 m	2	3	0	2	1	0	2	10
100 m	4	1	0	2	1	0	1	10
Total	9	6	0	5	3	3	5	27

At this station the NW direction is markedly predominant, with the frequency of 47 per cent. In contrast with the Stončica Station, where a westerly direction is very frequent, at this more distant station, it is particularly rare. This proves the postulation that a W direction at Stončica station is connected with coastal upwelling. The N direction is somewhat more frequent at this station, whereas the E direction does not occur at all.

The seasonal distribution of directions (Fig. 51) proved the earlier found regularity that in winter (March) and summer (September) a predominantly longitudinal flow occurs at the Split—Gargano cros-section. However, in spring and autumn, i. e. in June and in November respectively, the transverse flow prevails. In the latter case, the flow in June is predominantly off the eastern coast, and in December it is towards the eastern coast, which is quite opposite to the conditions at Stončica.

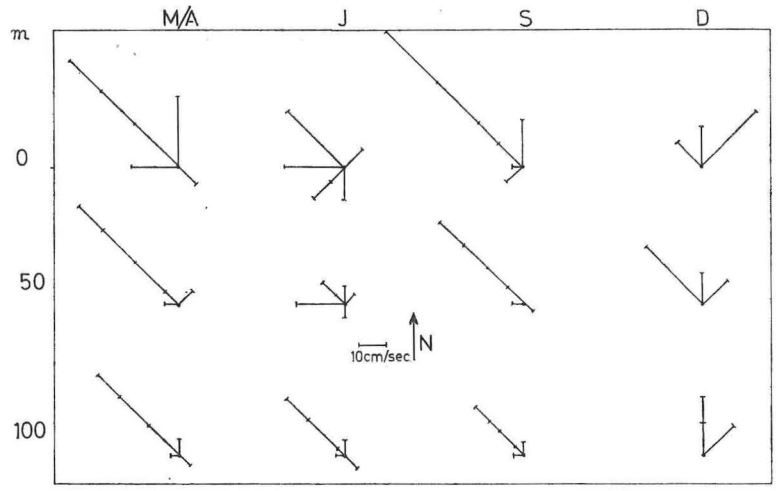

Fig. 51. Current roses for Station 10 (Sušac Island) for the period 1952—1968.

At Station 11, W and NW are the prevailing directions. There is to little available data from this station to discuss it in more detail.

The data from stations 70 b and 158 are of particular interest since these stations are situated in an area bordering the northern Adriatic and there is a small amount of data on currents. Resultant velocities are relatively small at both stations and even smaller at the outer station. The maximum velocity measured at the outer station (158 a) was 42 cm/sec at the surface, and

28 cm/sec above the sea bottom. At coastal station (70 b) the velocities measured were 35 cm/sec and 30 cm/sec respectively. These are the lower maximum velocities recorded from the central and southern Adriatic, where they range from 33 to 88 cm/sec.

As to the frequeny, the directions more frequently recorded are SW and NW, i. e. the flow from the eastern coast of the Adriatic towards the western coast, and the direction of the incoming Adriatic current.

According to the theory of Adriatic tides, the amphidromic point of the semi-diurnal tide (Sterneck, 1914; Defant, 1961) is to be found at Station 158 a, i. e. at the point surrounded by the tidal wave in its progressive counter clockwise movement along the northern Adriatic shores. The most developed tidal current might be expected at the amphidronic point. Four series of measurements didn't show any difference between this station and any other central Adriatic station in this respect. From the viewpoint of the theory of the Adriatic sea tides, this phenomenon should be investigated in more detail.

Experiment with drift bottles

Experiments with drift bottles started in 1968. Released in pairs, bottles were tied by a metre long rope in order to give better resistance to the influence of surface wind. They were released at standard stations of the Institute, the co-ordinates of which are given in Annex II. In the period from 17 June 1968 to 15 December 1970 a total of 316 pairs of bottles were released from Stations 3, 9, 11, 13, and 15. The envelopes from the bottles were supposed to be sent back to the Institute. Up to the end of 1970 a total of 40 envelopes, or 13 per cent, had been received.

Sites where bottles were found, their paths and the average velocities in knots (supposing their shortest paths) are given in Table A 8 in Annex III.

Comparison of Figures 52, 53, and 54 shows the differences in paths of bottles by seasons. The outgoint trend is most prominent in summer. In winter, however, not one bottle left the Adriatic. The most prominent trend was towards the northwest. In spring, the outgoing flow along the western coast is accompanied by transverse flow. This gives good support to the knowledge of the system of currents in the Adriatic obtained by the computation of gradient currents, by the analysis of T-S diagrams and by the measurements at permanent stations (Zore-Armanda, 1968). It is of interest that all the bottles which left the Adriatic were found along the southeast shores of Italy and Sicily.

Figures 55, 56 & 57 show bottle movements for 3 separate years. It may be seen that 1968 and 1969 are ingressional years when incoming flow to the Adriatic predominates. The outgoing flow only was recorded in 1970. So it seems that this method appears quite suitable for studying long term fluctuations of currents and is particularly applicable to the Adriatic due to the specific form of this basin.

It should be pointed out, that the results of this experiment are in agreement with the daily resultants of currents measured at fixed stations from

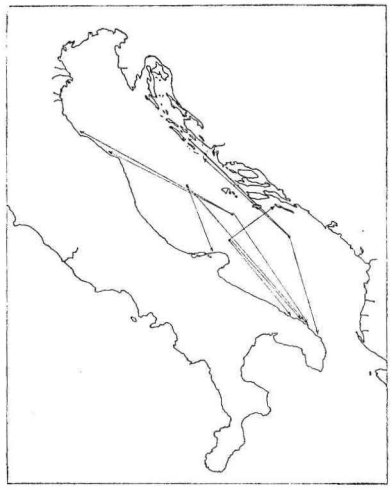

Fig. 52. Drift bottle movements for March.

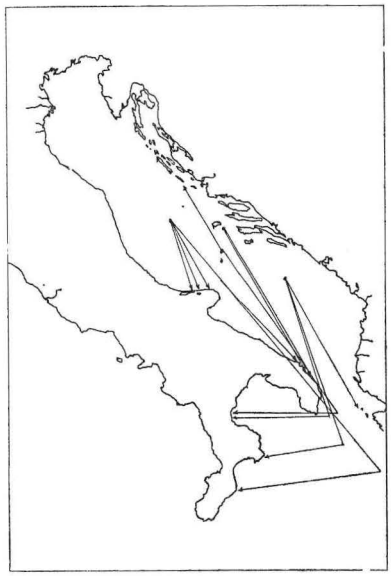

Fig. 53. Drift bottle movements for July.

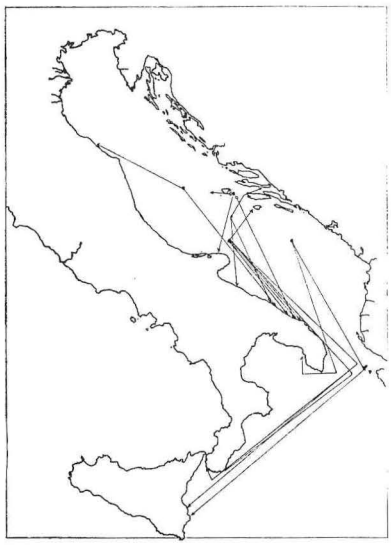

Fig. 54. Drift bottle movements for September.

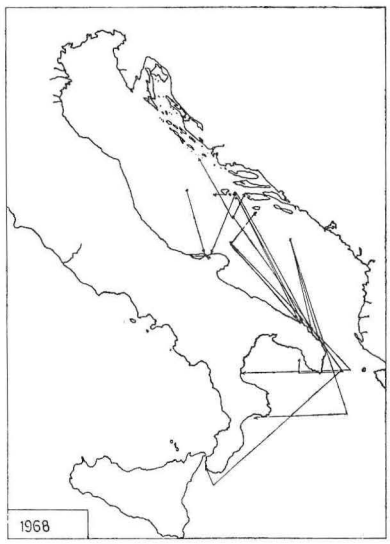

Fig. 55. Drift bottle movements for 1968.

which the data were collected seasonally. Accordingly, these methods complement each other. They are thus quite reliable for obtaining an image of the stationary state of the current field, which is one of the fundamental regulators of the Adriatic hydrography.

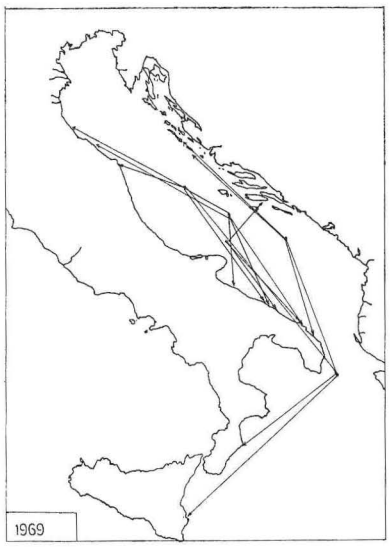

Fig. 56. Drift bottle movements for 1969.

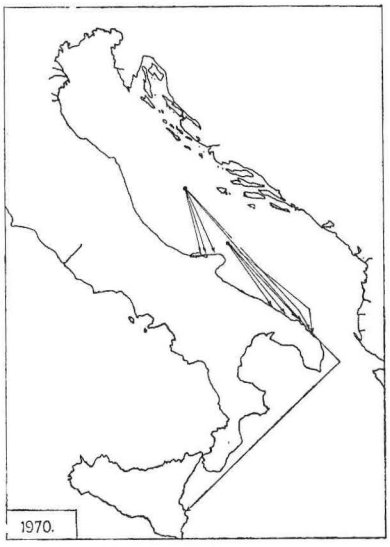

Fig. 57. Drift bottle movements for 1970.

Anomalies of chlorinity and currents

The anomalies of chlorinity occuring at Stončica Station (9), for which there are long series of data, were compared with the data on currents collected at the same station. This was done in order to determine where the inflow of more saline or less saline water is coming from at that station, and to establish the regularity, if any.

Therefore Tables 22—24 were constructed in which the magnitude of either positive or negative anomalies of chlorinity was determined for the period and depth of observations and placed within one of the eight cardinal current directions which was found at the same time. Positive anomalies were marked »+« and negative »—«. Anomalies of a magnitude of 0.01—0.10 Cl‰ are marked as 1, and those of 0.11—0.20 Cl‰ as 2 etc. All the positive and negative anomalies for each of the added current directions were summarized to determine which of the directions was accompanied by either predominantly positive or predominantly negative anomalies. Thus, it may be concluded which current direction could be connected to more saline and which to less saline water. It should be added that the years having more frequent data (1968, 1969) are characterized by the prevalence of positive anomalies (ingressional years).

At the surface, the water becomes more saline predominantly under the influences from the south and southwest, i. e. due to a N and NE flow. This finding is of importance since, in the Adriatic, the incoming current, which brings more saline water from the Ionian Sea flows generally in a NW direction. At Stončica, however, the frequency of occurrence of positive and negative anomalies with this direction is almost equal. However, from the map of gradient currents (Z o r e, 1956) it is evident that, due to the central Dalmatian Archipelago south from the island of Vis, the main incoming

Table 22. Magnitude of chlorinity anomaly with main current directions at Stončica surface waters

Year	Month	N	NE	E	SE	S	SW	W	NW
1963	III								−3
	VI	−4							
	IX			−2					
1964	III	+1							
	VI	+3							
	IX					−2			
	XII				−1				
1965	IV							+1	
	VI		+4						
	IX				−2				
	XII					+1			
1966	III				−4				
	VI								+1
	IX								−1
1967	III								−1
	VI							+1	
	IX						−2		
	X								−1
	XI							+1	
	XII	+3							
1968	I							+3	
	II	+3							
	III								+3
	IV								+2
	V							+1	
	VI							−2	
	VII			+1					
	VIII							+3	
	IX	+3							
	X		+2						
	XI				−1				
	XII							+1	
1969	I					+2			
	II	+1							
	III		+3						
	IV							+4	
	V					−4			
	VI							−1	
	VII		+1						
	VIII		+1						
	IX			+1					
	X	0							
	XI		+2						
	XII			+2					

To be contd.

Contd. Table 22.

1970	I	+2							
	II							−1	
	III							−3	
	IV							−4	
	V							+4	
	VI						+1		
	VII		+1						
	VIII					−3			
	IX				+1				
	X	+1							
	XI	+1							
	XII						+1		
Total + anomalies		+18	+14	+5	+1	+3	+1	+20	+6
Total — anomalies		−4		−2	−8	−9	−2	−11	−6
Pos. + neg. anomalies		+14	+14	+3	−7	−6	−1	+ 9	0

Table 23. Magnitude of chlorinity anomaly with main current directions at Stončica — 50 m.

Year	Month	N	NE	E	SE	S	SW	W	NW
1963	III				−2				
	VI							+1	
	IX			+1					
1964	III								+1
	VI	+1							
	IX	−2							
	XII			+1					
1965	IV			+1					
	VI			+2					
	IX	−1							
	XII							−1	
1966	III								+2
	VI								+1
	IX			−1					
1967	III							+1	
	VI								+1
	IX	−1							
	X					−1			
	XII	+3							
1968	I							+3	
	II								+3
	III								+3
	IV	+2							

To be contd.

Contd. Table 23.

	V					+2			
	VI								+2
	VII				+2				
	VIII	+2							
	IX						+3		
	X		+1						
	XI								+1
	XII								+2
1969	I						+2		
	II								+2
	III		+5						
	IV		+3						
	V			+2					
	VI								+2
	VII								+3
	VIII								+2
	IX		+1						
	X			+1					
	XI		+1						
	XII			+1					
1970	I		+3						
	II								+3
	III								+2
	IV							+1	
	V							+2	
	VI								+1
	VII			+1					
	VIII								−1
	IX								+1
	X								+1
	XI								+1
	XII							−1	
Total + anomalies		+8	+14	+10	+2	+2	+5	+8	+34
Total − anomalies		−4		−1	−2	−1		−2	−1
Pos. + neg. anomalies		+4	+14	+9	0	+1	+5	+6	+33

Table 24. Magnitude of chloronity anomaly with main current directions at Stončica — 100 m.

Year	Month	N	NE	E	SE	S	SW	W	NW
1963	III					−1			
	VI					−1			
	IX				−1				
1964	III								+1
	VI		+2						
	IX							−2	
	XII		−1						
1965	IV							0	
	VI		+2						
	IX				+2				
	XII			+1					

To be contd.

Contd. Table 24.

1966	III	+2						
	VI							+2
	IX						−1	
1967	III						+1	
	VI	+2						
	IX	−1						
	X				−1			
	XI			+1				
	XII	+3						
1968	I						+3	
	II							+3
	III							+2
	IV	+2						
	V	+1						
	VI					+2		
	VII						+3	
	VIII							+2
	IX				+2			
	X				+2			
	XI	+1						
	XII						+1	
1969	I					+2		
	II						+3	
	III	+4						
	IV	+3						
	V			+2				
	VI	+1						
	VII	+2						
	VIII	+1						
	IX	+1						
	X			+3				
	XI							+3
	XII			+1				
1970	I		+4					
	II							+4
	III						+2	
	IV				+1			
	V					+1		
	VI						+1	
	VII		+1					
	VIII							−3
	IX	+1						
	X					+1		
	XI		+1					
	XII					+1		
Total + anomalies		+24	+10	+9	+3	+5	+7	+11	+20
Total − anomalies		−1	−1		−1	−3		−3	−3
Pos. + neg. anomalies		+23	+9	+9	+2	+2	+7	+8	+17

current ordinarily diverges from its NW direction, first straight to the west and then towards the north. This is why the more saline water at Stončica iz coming from both the south and southwest. Flow directions SE, S, and SW are connected with the inflow of less saline (fresh) water. This means that this water is coming from a direction vertical to the coast, as well as from

the northern Adriatic. The less saline and the more saline waters, which replace each other, were found to come from the east and southeast (W and NW current). It is of importance that the fresh water from the east, i. e. from the Neretva Channel and Neretva River occures only in the February—June period. This is possibly due to the Neretva River's higher water level.

In the Neretva channel itself, the salinity at the surface was lower in 1966 than in 1967 by more than 2‰. The negative anomaly of chlorinity at Stončica Station was more pronounced in 1966, which prooves that it is due to the influence of the Neretva River. In the Neretva Channel, the river influence is well marked in both of the years investigated, not only in the surface layer but to a lesser extent at 20 m depth as well. The salinity decrease in this region is also under the influence of the submarine springs found in the Malostonski zaljev bay.

At 50 m, i. e. in the intermediate layer, the directions of the chlorinity anomalies are grouped somewhat differently. The inflow of more saline water is associated mainly with the NW current direction. This means that the incoming Adriatic current in this layer does not diverge before it reaches the central Dalmatian Archipelago, as it does in the surface layer. On the other side, both positive and negative anomalies, are associated with the N current direction, i. e. vertically to the coast. Other directions behave in this respect like the surface layer.

In the bottom layer, at 100 m, the N direction i. e. the inflow of the water from the south, is associated with positive anomalies of chlorinity the same way as is the surface layer. But the NW direction is also marked in that sense.

SALT BALANCE

The data on the values of salt balance and their total variations in the sea water at Stončica Station for individual months and years (Tables 26—32) are considered.

Values shown were obtained by computing the monthly variations of chlorinity for individual levels:

$$a = Cl_s - Cl_p$$

where Cl_s is the chlorinity value from the respective month and Cl_p is the value for the preceeding month.

The natural process of water movements and variations in its salt content at the investigated station were simplified. Thus, out of all the directions which may exert some influence on the salinity at Stončica Station, only two were chosen: the S direction which brings fresh water from the coast and the N direction which brings more saline water from the south.

This presumption is approximately true and is used only as the first approximation.

To better understand the methods, in Table 25 completly processed data from one year (1970) are presented. The upper part of the table gives the

Table 25. Method for computation of α for Stončica Station for 1970 ($\alpha = Cl_s - Cl_p$).

m	15. Dec. 69	20. Jan. 70	12. Feb.	27. March	24. April	14. May	13. June	8. July	11. Aug.	7. Sep.	6. Oct.	7. Nov.	17. Dec.	
0	21.37	21.32	21.11	20.86	20.65	21.26	21.05	21.11	20.89	21.34	21.34	21.44	21.22	
10	21.38	21.32	21.11	20.89	20.69	21.31	21.13	21.14	20.97	21.42	21.36	21.45	21.23	
20	21.38	21.33	21.32	21.32	21.21	21.33	21.20	21.33	21.26	21.44	21.39	21.45	21.27	
30	21.38	21.42	(21.40)	21.35	21.28	21.33	21.26	21.35	21.27	21.45	21.40	21.46	21.27	
50	21.39	21.45	21.46	21.37	21.38	21.30	21.38	21.35	21.28	21.48	21.43	21.47	21.28	
75	21.40	21.51	21.51	21.37	21.30	21.30	21.33	21.36	21.29	21.48	21.44	21.48	21.29	
100	21.40	21.58	(21.52)	21.43	21.33	21.40	21.44	21.37	21.31	21.49	21.38	21.48	21.36	
0		−0.05	−0.21	−0.25	−0.21	+0.61	−0.21	+0.06	−0.22	+0.45	±0.00	+0.10	−0.22	
					7.6 m									
10		−0.06	−0.21	−0.22	+0.07	+0.35	−0.18	+0.01	−0.17	+0.45	−0.06	+0.09	−0.22	
				9.8 m	4.0 m									
20		−0.05	−0.02	+0.01	−0.11	+0.12	−0.13	+0.13	−0.07	+0.18	−0.05	+0.06	−0.18	
		5.6 m		1.6 m										
30		+0.04	−0.02	−0.05	−0.07	+0.05	−0.07	+0.09	−0.08	+0.18	−0.05	+0.07	−0.19	
			13.6 m											
50		+0.06	+0.01	−0.09	−0.09	+0.10	−0.06	+0.03	−0.07	+0.20	−0.05	+0.04	−0.19	
75		+0.11	±0.00	−0.14	−0.07	+0.09	−0.06	+0.03	−0.07	+0.19	−0.04	+0.04	−0.19	
							15.0 m	7.4 m						
100		+0.18	−0.06	−0.09	−0.10	+0.07	+0.04	−0.07	−0.06	+0.18	−0.11	+0.10	−0.12	
(S) =		−1.24	−4.34	−10.80	−7.76	0.00	−7.75	−0.62	−8.78	0.00	−5.36	0.00	−18.48	65.13
(N) =		+6.85	+0.16	+0.01	+0.22	+13.88	+0.20	+4.21	0.00	+22.76	0.00	+6.05	0.00	54.34
[N+S] =		8.09	4.50	10.81	7.98	13.88	7.95	4.83	8.78	22.76	5.36	6.05	18.48	119.47

chlorinity data from the station. The middle part gives the computation of the difference $Cl_s - Cl_p = a$. The third part (the lowest three lines) gives the annual results of the summation of the values for individual levels.

The data are analysed for each year, and the monthly salt balance by leveles, i. e. the monthly values showing a positive sign at all levels i. e. with positive balance, are grouped together. Thereafter the group is formed of the months with an exclusively negative sign at all the levels, i. e. negative balance (see the second part of Table 25). In this way both monthly groupings show that at the investigated station the horizontal movement of the water column, from the bottom to the surface, took place and that due to advection this water volumn was replaced by another with water of other properties, either more saline (in the former case) or less saline water (in the latter case).

There is also a third group (within an individual year) with both positive and negative anomalies (mixed signs). This is an indication that different advective movements occurred within one month. This group of data may be used for finding advective movements of local importance. The first two groups describe the movements of larger importance.

Salt balance by years

The balance of salts was positive in 1965 (Table 26). A water column 100 metres in depth and with the base of one square metre lost 125.03 kg, and received 138.93 kg. The result was the gain of 13.90 kg.

Table 26. Salt balance at Stončica Station (9) for 1965.

Month	$\Sigma(-a) = S$	$\Sigma(+a) = N$	N+S	N—S
January	2.83	0.075	2.90	—2.76
February	0.86	3.12	3.98	+2.26
March	6.30	0.00	6.30	—6.30
April	1.10	0.95	2.05	—0.15
May	2.17	7.44	9.61	+5.27
June	0.00	12.05	12.05	+12.05
July	10.50	0.00	10.05	—10.05
August	0.00	17.55	17.55	+17.55
September	0.67	2.79	3.46	+2.02
October	38.05	0.00	38.05	—38.05
November	0.00	33.00	33.00	+33.00
December	7.30	0.00	7.30	—7.30
Annual sum kg Cl/100 m^3	69.32	76.97	146.29	+7.65
Annual sum salt kg/100 m^3	125.03	138.93	263.96	+13.90

Pure gain was recorded from all the levels in June, August, and November. A negative balance at all the levels was found in January, March, July, October and December (except one level in January).

The total turnover of salts (N + S) by months was high in summer and autumn, and the balance (N — S) by month was high (predominantly positive) in the same season.

The salt balance was negative in 1966 (Table 27). A water column of 100 metres depth and a base of one square metre lost 71.90 kg of salt and received 42.48 kg. The result was the loss of 28.04 kg.

Table 27. Salt balance at Stončica Station (9) in 1966.

Month	$\Sigma(-\alpha) = S$	$\Sigma(+\alpha) = N$	N+S	N—S
January	12.00	0.00	12.00	—12.00
February	5.34	2.03	7.37	—3.31
March	0.21	3.81	4.02	3.60
April	1.67	2.27	3.94	0.60
May	2.81	1.11	3.92	—1.70
June	1.80	4.70	6.50	2.90
July	0.83	3.42	4.25	2.59
August	0.00	4.80	4.80	4.80
September	2.37	0.07	2.44	—2.30
October	2.10	0.00	2.10	—2.10
November	6.40	0.00	6.40	—6.40
December	3.13	0.93	4.06	—2.20
Annual sum kg Cl/100 m³	38.66	23.14	61.80	—15.52
Annual sum salt kg/100 m³	71.90	42.48	113.38	—28.04

A pure gain im salt was recorded only in August. Months with a pure loss at all the levels are: January, October, November and December (except the one level in December).

Total turnover of salts (S+N) by months was high in two winter months, and balance was highest in January and November, i. e. in the colder part of the year as distinct from the previous year.

The salt balance was positive in 1967 (Table 28). A water column of 100 m in depth and with the base of one square metre lost 65.54 kg of the salt and received 103.33 kg. The column thus received 37.79 kg of salt, more than it lost.

Table 28. Salt balance at Stončica Station (9) in 1967.

Month	$\Sigma(-\alpha) = S$	$\Sigma(+\alpha) = N$	N+S	N—S
January	6.40	0.00	6.40	—6.40
February	8.80	0.00	8.80	—8.80
March	0.00	15.50	15.50	+15.50
April	0.00	7.90	7.90	+7.90
May	9.90	0.00	9.90	—9.90
June	0.86	5.86	6.72	+5.00
July	0.35	7.96	8.31	+7.61
August	4.62	1.80	6.42	—2.28
September	5.13	0.23	5.36	—4.90
October	0.25	2.45	2.70	2.20
November	0.00	2.00	2.00	—2.00
December	0.00	13.60	13.60	+13.60
Annual sum Cl kg/100 m³	36.31	57.30	93.61	—20.99
Annual sum salt kg/100 m³	65.54	103.33	168.87	+37.79

In March, *April, July,* November and December there was a pure gain of salts, whereas in January, February, May and September the balance was negative at all the levels (one of the levels differed from others in the »italic« months). As distinct from some earlier years, in 1967 months with a positive salt balance may be placed in three groups: 1 (March and April), 2 (June, July) and 3 (October, November, December).

Another property of 1967 is that the total monthly turnover of salts (N+S) reached its maximum in winter (in March and December) i. e. in the colder part of the year. The balance (N—S) by months also showed the highest values in the colder part of the year.

In 1968 the salt balance was negative and uniform (Table 29.).

Table 29. Salt balance at Station (9) Stončica in 1968.

Month	$\Sigma(-a) = S$	$\Sigma(+a) = N$	N+S	N—S
January	0.13	0.20	0.33	+0.07
February	2.00	0.12	2.12	—1.88
March	2.25	0.25	2.50	—2.00
April	11.85	0.00	11.85	—11.85
May	4.69	0.72	5.41	—3.97
June	0.04	10.32	10.36	+10.28
July	0.26	6.22	6.48	+5.96
August	1.75	3.20	4.95	+1.45
September	0.00	8.95	8.95	+8.95
October	5.15	0.00	5.15	—5.15
November	10.59	0.00	10.59	—10.59
December	0.00	5.60	5.60	+5.60
Annual sum Cl kg/m^3	38.71	35.58	74.29	—3.13
Annual sum salts kg/100 m^3	70.22	64.60	134.40	—5.68

This year the water column of 100 m in depth and with the base of one square metre lost 70.22 kg of salt and received 64.60 kg. The result was the loss of 5.68 kg of salt. Pure gain (positive values) was recorded at all the levels in June, July, August, and September. i. e. in the warmer part of the year. A negative balance was recorded at all the levels in April, October, and November, i. e. in spring and autumn.

The total turnover of salts (N+S) by months was also high in spring and autumn. The monthly balances were highest in two spring months.

The salt balance was negative but very uniform in 1969 (Table 30). A water column of 100 m in depth and with the base of one square metre lost 72.40 kg of salt and received 70.63 kg. The loss was only 1.77 kg. Pure gain was recorded from all the station levels in March, July, *November* and *December* i. e. in three different seasons. Months with negative values at all three levels were *January, April, May* and December (one level in the respective »italic« months was the exception). These monhts belong to three different seasons of the year.

A more intensive turnover of salts (N+S) by months occurrecd in different months of the years. A similar finding is applicable to monthly balances (N—S).

Table 30. Salt balance at Stončica Station (9) for 1969.

Month	$\Sigma(-\alpha) = S$	$\Sigma(+\alpha) = N$	N+S	N—S
January	1.51	0.11	1.62	—1.40
February	1.83	0.66	2.49	—1.17
March	0.00	12.93	12.93	+12.93
April	6.08	0.00	6.08	—6.08
May	10.18	0.00	10.18	—10.18
June	4.96	1.79	6.75	—3.17
July	0.00	12.28	12.28	+12.28
August	2.19	2.23	4.42	+0.04
September	1.00	3.32	4.32	+2.32
October	1.16	1.81	2.97	+0.65
November	1.02	3.91	4.93	+2.89
December	10.20	0.00	10.20	—10.20
Annual sum kg Cl/100 m^3	40.13	39.04	79.17	—1.09
Annual sum salts kg/100 m^3	72.40	70.63	143.03	—1.77

In 1970 the salt balance for the year as a whole was negative and was not uniform (Table 31). A water column of 100 m in depth and with the base of one square metre lost 117.93 kg of salt and received 98.33 kg. The result was the loss of 19.60 kg of salt.

Table 31. Salt balance at Stončica Station (9) in 1970.

Month	$\Sigma(-\alpha) = S$	$\Sigma(+\alpha) = N$	N+S	N—S
January	1.24	6.85	8.09	+5.61
February	4.34	0.16	4.50	—4.18
March	10.80	0.01	10.81	—10.79
April	7.76	0.22	7.98	—7.54
May	0.00	13.88	13.88	+13.88
June	7.75	0.20	7.95	—7.55
July	0.62	4.21	4.83	+3.59
August	8.78	0.00	8.78	—8.78
September	0.00	22.76	22.76	+22.76
October	5.36	0.00	5.36	—5.36
November	0.00	6.05	6.05	+6.05
December	18.48	0.00	18.48	—18.48
Annual sum Cl kg/100 m^3	65.13	54.34	119.47	—10.79
Annual sum salts kg/100 m^3	117.93	98.33	216.26	—19.60

Positive values of balance were found at all the levels in May, *July*, September and November, i. e. predominantly in the second half of the year. Negative values of balance were found at all the levels in February, *March*, *April*, *June*, August, October and December. It is evident that there were a large number of first and second groups of months in 1970. This is, no doubt, due to particular conditions: intensive and frequent movements of water masses in the central Adriatic.

More intensive turnever of salt (N+S) occurred in different parts of the year. A similar statement may be said for monthly balances (N—S).

Summarized data from 1965—1970 are given in Table 32. The turnover of salts showed a minimum in 1966 (113.38 kg of salt). The maximum was recorded in 1965 (263.96 kg of salt).

Table 32. A review of salt balance for the 1965—1970 period for Stončica station (9) (kg of salt /100 m^3/ year).

Year	$\Sigma(-\alpha) = S$	$\Sigma(-\alpha) = N$	N+S (Turn over)	N — S (Balance)	Inbalance % (N — S) from (N+S)
1965	125.03	138.93	263.96	+13.90	+5.26%
1966	71.90	42.48	113.38	—28.04	—24.80%
1967	65.54	103.33	168.87	+37.79	+22.30%
1968	70.22	64.60	134.40	—5.68	—4.45%
1969	72.40	70.63	143.03	—1.77	—1.24%
1970	117.93	98.33	216.26	—19.60	—1.05%
Yearly mean	86.83	86.53	173.36	—0.30	—1.73%

The porcentage of balance (N—S) in the total turnover of salts (N+S) shows the uniformity of balances in individual years. In the case of total uniformity, it may be 0 per cent. This kind of uniformity is, naturally, very rare. The year 1969 was closest to this uniformity. Some of the years showed relatively good uniformity, such as 1969, 1968, 1965, and 1970. Their imbalance was less than 10 per cent. The years with no uniformity were 1966 and 1967. Their imbalance exceeded 22 per cent.

Some other conclusions may also be drawn from N—S data. The year 1965 was the year of an intensive salinity increase and 1967 was even more so. Lov values found in 1968 and 1969 show that the salinity was almost unchanged. This lead us to conclude that the inflow of more saline water was continuous in that period.

A decrease of salinity occurred in 1970. This phenomnon as even more pronounced in 1966.

WATER EXCHANGE

An attempt was made to assess the renewal of water at the Split—Gargano cross-section from the salt turnover data derived from some of the cross-section stations. We started from some rather rough assumptions using data on monthly and seasonal changes of chlorinity at a series of stations. Neglecting vertical mixing, fresh inflow, and evaporation, it may be supposed that changes in chlorinity are due to the advection of water from another area. This new water mixes with old water. Chlorinity of the old water is known, since it as earlier measured. Chlorinity of the advected water may be supposed to be of maximum chlorinity if it increases salinity, or of minimum chlorinity if a decrease of salinity occurred. $Cl_s = Cl_p (1 - x) + Cl_b x$ where Cl_p is the chlorinity of old water at a station, Cl_b is the maximum or minimum chlorinity of the area, and x is the quantity of advected water of maximum

or minimum chlorinity. If it is assumed that mixing of the water takes place in a unit volume, the x may be taken as the part of a unit volume replaced by the advected water, i. e. as an index of water renewal in the observed time interval. Since Cl_s and Cl_p are known (chlorinities measured at different times), and extreme values found in the area investigated supposed for Cl_b, x may be computed

$$x = \frac{Cl_p - Cl_s}{Cl_p - Cl_b}$$

In the case of $Cl_p - Cl_s > 0$; Cl_b = minimum chlorinity

In the case of $Cl_p - Cl_s < 0$; Cl_b = maximum chlorinity

$Cl_s = Cl_b$ means that all the water body was exchanged and x is 1. In the case of $Cl_p = Cl_b$ infinity is obtained, since in this case the basic presumption was not satisfied, and therefore it has not physical meaning.

The time taken to fill up one volume is the reciprocal of x multiplied by the unit time interval.

Two problems are to be faced in applying this formula. The first problem is the choise of Cl_b. If the extremes chosen are higher, x is higher. However, since the area of the central Adriatic has been well investigated, these values may be determined with satisfactory accuracy. Even though they are not reprensentative of each individual case, they reflect an average situation well enough. In addition, small variations of Cl_b do not significantly affect x. This may be illustrated by an example from Station 8 (Pelegrin) (Table 34).

This exemple shows that at the relatively great difference in Cl_b values of 0.2‰ (which means the change of salinity from 38.66‰ to 39.02‰), the index x was, on an avarage, changed two-fold.

The second problem is the choice of period in which to consider the water renewal. Monthly or seasonal values of chlorinity are available in the majority of cases. If it may be supposed that the process in either one month or in one season takes place in one direction only, x values may be close to reality. If, however, in the course of the same period the direction of process changes several times, x may be wrongly estimated. To give greater accuracy to monthly volues, and to determine the necessary correction, a series of data on chlorinity collected close to the Vis Island, i. e. close to Station Stončica and at short intervals were analysed. The data, published in a paper by Buljan and Marinković (1965), show that the variations within one day are of a periodic nature and are likely to be due to periodic tidal flow. Monthly variations are, on an average, five times as great as diurnal variations. If a part of diurnal variations is also ascribed to periodic changes, a factor of 3 may be real enough for monthly values. This means that the proces in one direction takes, on an average, ten days. Therefore, the factor x of water exchange obtained from monthly values should be multiplied by 3.

Various longer series of current meter records from the western Adriatic coast, have also recently shown the occurrence of pronounced oscillations in the current field of five to ten days duration (Zore-Armanda et. al., 1975, 1977).

Table 34. Water renewal index x for different values of chlorinity Cl_b at Station 8 (Pelegrin).

Depth m	Cl‰ 15. 3. 68.	Cl‰ 19. 4. 68.	x for $Cl_b = 21.40‰$ (S = 38.66‰)	x for $Cl_b = 21.45‰$ (S = 38.75‰)	x for $Cl_b = 21.50‰$ (S = 38.84‰)	x for $Cl_b = 21.55‰$ (S = 38.93‰)	x for $Cl_b = 21.60‰$ (S = 39.02‰)
0	21.15	21.16	0.04	0.03	0.02	0.02	0.02
10	21.16	21.21	0.20	0.17	0.14	0.12	0.11
20	21.18	21.22	0.18	0.14	0.12	0.10	0.09
30	21.26	21.28	0.14	0.10	0.08	0.06	0.05
50	21.28	21.29	0.08	0.05	0.04	0.03	0.03
75	21.32	21.33	0.12	0.07	0.05	0.04	0.03
Mean			0.12	0.09	0.07	0.06	0.05

The relation between seasonal and monthly values is more complex. It was studied from the data from Stončica Station (9) since this is the longest series of monthly values available. Monthly and seasonal variations were of the same intensity, thus seasonal changes obscure the monthly ones. Computations gave a factor of conversion of 2.5—4, thus the figure 3 may be used as a factor of correction for seasonal values, in comparison with monthly ones, or the figure 10 may be used for a complete correction of seasonal values. Due to the magnitude of the factor, as well as the probability of its change by season and by the position of a station, seasonal values are not reliable for even an approximate estimation.

Factor x computed from monthly values from Station 9 for 1968 is given in Table A 11 in Annex III. Absolute extremes recorded from this station over a longer period were taken for Cl_h values.

However, as shown earlier, a decrease of extremes does not significantly affect the x values. The grand mean of changes for the factor for the whole year is 0.15. If multiplied by 3 (as stated before) it shows that the time required for total water reneval is two months, i. e. that water renewal occurs six times during one year. Values are considerably higher in summer than in winter. However, this is probably due to the fact that this method does not take into account vertical mixing which is more intensive in winter than in summer.

In the table, x was so computed that the lowest was 0.01. Any value lower than this was given as 0. Therefore, infinity was often obtained as a reciprocal value, i. e. for the duration of one change expressed in months, since a value of 33.3 corresponded with $x = 0.01$, and every value greater that this was given as infinity.

Values of x from Stončica for the same bordering values of chlorinity, but using monhtly means from six years, are given in Table A 9 in Annex III. These mean values show factor x values lower by approximately one half than do individual values. Mean values are likely to be more representative. They give two and a half changes during one year.

This method is more appropiate for smaller region such as semiclosed bays and channels since they may be assumed to have unit volume. Mean monthly values from six years (Table A 10) were used for the Kaštela Bay. The mean value gave a renewal time of three and a half months.

Values from Station 13 (Gargano) and 11 (Tables A 12 and A 13) are given only as a comparison. Their absolute value was particularly difficult to estimate, since, as seen before, seasonal values were not reliable enough. It may be seen that the exchange of water is faster at Station 13 near the Italian coast. This is in agreement with the fact that currents are faster along the Italian coast.

TURBULENCE

Fjeldstad's method (S a i n t G u i l y, 1965) based on lagging the occurrence of maximum temperatures in individual layers in relation to the surface, was applied in computing the coefficient of vertical turbulent conduction. The method is based on a presumption that heat is transported to deeper layers

by vertical turbulent conduction exclusively, neglects the influence of convexion (advection), and supposes that it is only the surface which is directly heated by radiation. The formula is of the following form:

$$k = \frac{n}{p^2 \frac{dq}{dz}} \int_{-h}^{z} p^2 \, dz$$

where n is frequency, p annual range of temperature at depth z, $Q = \frac{2\pi}{m}$, and m is the lag in occurrence of maximum temperature at depth z. In addition, it is supposed that at — h depth $\frac{dq}{dz}$ is equal to zero.

This formula is suitable for computation of the coefficient of turbulent conduction in semi enclosed basins with large annual temperature ranges. Parameters for computation as well as the calculated coefficients are given in Tables 35 and 36, and the comparison of these coefficients with those computed earlier for the Adriatic by the same method (after Saint Guily, op. cit.) are given in Table 37.

Table 35. Coefficients of turbulent conduction at Station 9 (Stončica) on the basis of data from 1965—1970.

Depth m	Annual temp. range °C	Phase Rad.	Coeff. of turb. conduction cm^2/sec
0	11.1	0	8.0
10	10.4	—0.10	1.9
20	8.1	—0.70	1.7
30	7.1	—1.05	3.1
40	6.3	—1.19	3.1
50	5.3	—1.50	3.4
60	4.9	—1.60	8.2
80	4.0	—1.67	13.2
100	3.3	—1.70	—

Table 36. Coefficients of turbulent conduction at Station 25 (Kaštela Bay) on the basis of data from 1965—1970.

Depth m	Annual temp. range °C	Phase Rad.	Coeff. of turb. conduction cm^2/sec
0	13.8	0	2.2
10	11.0	—0.16	0.9
20	9.9	—0.79	0.6
30	8.5	—0.93	0.3
35	7.4	—1.32	—

Table 37. Coefficients of turbulent conduction, expressed as cm^2/sec, for several stations in the Adriatic.

Depth	Station				
m	Northern Adriatic	$A_{13}=3$	$A_{28}=17$	9	25
0	8.1	3.9	3.1	8.0	2.2
10	3.8	2.8	2.0	1.9	0.9
20	0.7	1.7	1.3	1.7	0.6
30	0.8	2.1	1.0	3.1	0.3
40	1.5	5.3	2.2	3.1	
50	—	10	8.1	3.4	
60				8.2	
75		10	40		
80				13.2	
100		9	39		

Values for the first three stations from the northern, central, and southern Adriatic were computed from the single-year data, whereas the values for Stations 9 and 25 (Stončica, Kaštela Bay) were computed from the multiannual mean temperatures. These data are possibly representative for the thermocline layer. The lowest values were recorded from the coastal station in the Kaštela Bay. This is probably due to the stratification occurring in the shallower coastal area.

Even though the values from the thermocline layer are most reliable for computation of the coefficient, it is still of intereset that higher values occur both below and above the thermocline. This is an indication that in the vertical exchange, the thermocline is a factor of stability. In the surface layer greater turbulence is caused by the wind, while in the layers below the thermocline the horizontal flow exerts a similar influence.

G a č i ć (1971) computed for Station 9 the same coefficients from four seasons (period 1961—1965) for the layer 0—75 m after Smidt theory. In summer he also found minimum at 20 m depth i. e. in the thermocline layer. His average value for summer was 4.0 cm^2/sec (present value is 5.3 cm^2/sec) which shows good agreement for different methods of calculation. Autumn and winter values after Gačić are much higher, which is quite reliable taking into account intensive vertical thermohaline movements appearing in those periods and the fact that the Smidth theory consider just the vertical transport of properties. The same author (G a č i ć, 1975) obtained the same order of magnitude for vertical diffusion coefficient from turbidity data for the Middle Adriatic (Kaštela Bay).

TRANSPARENCY OF SEA WATER

The data on transparency collected from six stations at Split—Gargano cross section between 1962 and 1970 and from three stations at the longitudinal section of the Jabuka Basin — South Adriatic Basin between 1960 and 1970 were processed. The data from three central Adriatic Stations are presented in Figure 58.

Due to the higher values, curves for Stončica (Station 9) and Pelegrin (Station 8) are similar when compared with each other. The curve for the Kaštela Bay (Station 25) differs from these two curves since the values are rather low, owing to the proximity of the land and a large town. As seen from all three curves, maximum values occur in September. The curves for the Kaštela Bay and Stončica are similar, while Pelegrin differs from them by its marked spring minimum. This anomaly may be caused by influence of the Neretva River which floods at that time and influences the station by its flooding through the Neretva channel.

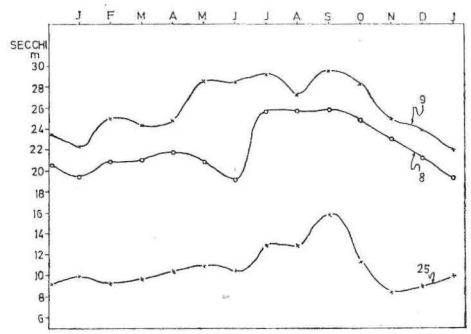

Fig. 58. Transparency of sea water in the central Adriatic (Stations 8, 9 and 25) measured by Secchi disc in the period 1962—1970

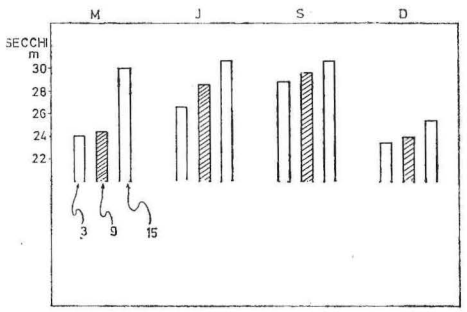

Fig. 59. Transparency of sea water measured by Secchi disc at Longitudinal transect. Numbers mark stations.

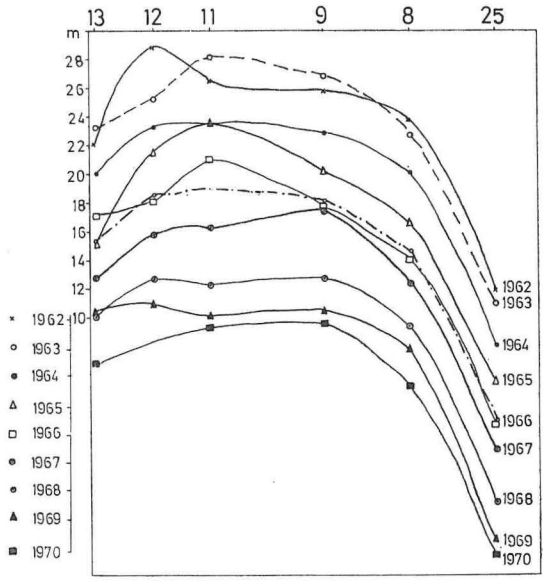

Fig. 60. Transparency of sea water at Stations 13—25 of the Split—Gargano cross-section measured by Secchi disc. Values are annual means. Ordinate has a sliding scale related to different years.

Means of transparency for individual years are given by stations in Table 38 and in Figures 59 and 60. Figure 59 shows the transparency of sea water at three stations (3, 9, 15) of the longitudinal section, collected seasonaly through a series of years (1962—1970 and 1966—1970).

Transparency values are low in winter (March). The increase starts in spring (June) and continues in summer (September). In autumn they begin to decrease (December).

Transparency is lowest in the Jabuka Basin (Station 3) even though this station is in the open sea and relatively deep. Values increase at Station 9 (Stončica) even though it is shallower and closer to the coast. Transparency reaches the highest values at Station 15 in the open southern Adriatic.

Te transparency here is not the function of either depth nor distance from the coast, but of the distance from the northern Adriatic. Thus, we say that the Adriatic is polarized: the pole of low transparency is in its northern part which is influenced by the large rivers, whereas the pole of high transparency is in the southern Adriatic, i. e. in the Otranto Strait through which clear Mediterranean water enters the Adriatic.

Table 38. Annual means of transparency of sea water measured by Secchi disc (in m).

	Station							
Year	Kaštela Bay 25	Pelegrin 8	Stončica 9	11	Pala-gruža 12	Gargano 13	Jabuka Basin 3	South Adriatic Basin 15
1962	11.9 (10)	23.8 (10)	25.9 (10)	26.6 (3)	29.0 (4)	22.2 (4)	—	—
1963	13.0 (12)	24.8 (11)	28.9 (10)	30.2 (4)	27.3 (3)	25.3 (3)	—	—
1964	12.1 (12)	24.2 (12)	26.9 (11)	27.5 (4)	27.3 (3)	24.0 (2)	—	—
1965	11.7 (12)	22.7 (12)	26.3 (12)	29.6 (3)	27.5 (4)	21.2 (4)	—	—
1966	10.6 (12)	22.1 (12)	25.8 (12)	29.0 (3)	26.2 (4)	25.1 (4)	28.3 (3)	33.7 (3)
1967	10.8 (12)	22.4 (12)	27.6 (12)	26.3 (3)	25.8 (4)	22.8 (4)	25.5 (4)	30.5 (4)
1968	9.1 (12)	21.4 (12)	24.7 (12)	24.3 (3)	24.7 (3)	22.0 (4)	26.3 (3)	27.5 (4)
1969	8.6 (12)	21.8 (12)	24.5 (12)	24.2 (4)	25.0 (1)	24.5 (4)	25.0 (3)	27.0 (3)
1970	9.5 (12)	21.2 (12)	25.6 (12)	25.3 (4)	—	22.8 (4)	23.8 (4)	28.0 (3)
Grand mean	10.8	22.7	26.2	27.0	26.6	23.3	25.7	29.3
Total number measure-ments	106	105	103	31	26	33	17	17

Remark: The values in brackets represent the number of measurements in the course of a year.

At the cross-section (Fig. 60) a similar form of the courve occurs every year with minimum values at Station 25 (Kaštel Bay). Station 8 (Pelegrin) is next lowest.

Values at Station 13 (Gargano) are also low, but greater than those at Station 25. Going from both sides of the section towards its middle part, we find an increase in values which reaches the maximum at Stations 9 or 11. Maximum values were recorded at Station 12 only in 1962 and 1968.

A review of the extreme values recorded from each individual station is given in Table 39. The lowest value was found in the Kaštela Bay in February 1969 and the highest one at Stončica in September 1963.

Table 39. Extreme transparency values recorded in the period of investigations 1962—1970 (for Stations 3 and 15 1966—1970) (Secchi in m).

Station		maximum (M)	minimum (m)	R = M — m
Kaštela Bay	25	18	4	14
Pelegrin	8	35	14	21
Stončica	9	42	16	26
	11	38	19	19
Palagruža	12	34	18	16
Gargano	13	34	9	25
Jabuka Basin	3	34	21	13
South Adriatic Basin	15	38	24	14

The R value distribution at the longitudinal cross-section are given in Fig. 61 and those at the transverse section in Fig. 62. Both graphs show the greatest variations at Stončica Station (9). This is probably the result of the combined influence of the open sea and the coast exerted at this station. There is a permanent influence of the land on coastal stations 13 and 25 whereas the stations in the middle of the Jabuka Basin and South Adriatic Basin are protected from this influence.

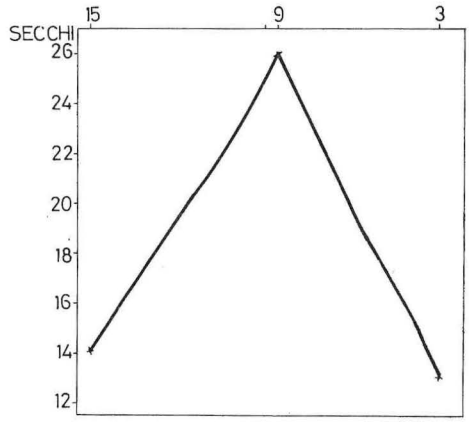

Fig. 61. Long term variations of sea water transparency measured by Secchi disc at longitudinal transect (Stations 15, 9 and 3) presented by ranges (R = maximum — minimum).

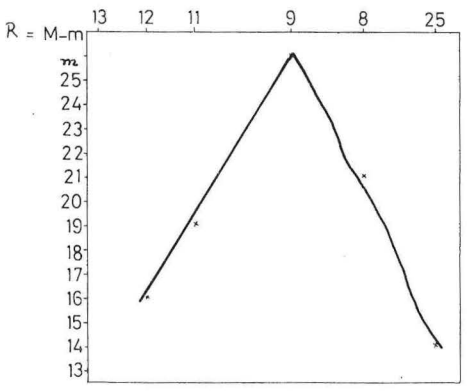

Fig. 62. Long term variations of sea transparency measured by Secchi disc at Split—Gargano cross-section (Stations 13—25) presented by ranges (R = maximum — minimum).

From the data given in Table 38 and in Fig. 63 it may be seen that after 1963 a more or less pronounced trend toward a decrease in the annual mean was noticeable everywhere. This trend was most pronounced at Stations 3, 25,

8, 12, 15, and slightly less at Station 11. This finding is of considerable importance since its explanation may be connected with the process of eutrophication taking place in almost the whole of the Adriatic. As seen, eutrophication is slow but is continuously present. Increased production and therefore reduced transparency in the 1967—1970 period are pobably due to the inflow of water from the eastern Mediterranean which is richer in nutrient salts. This inflow was most intensive during this period, judging from the available data. A decrease in transparency may also be due to human activities.

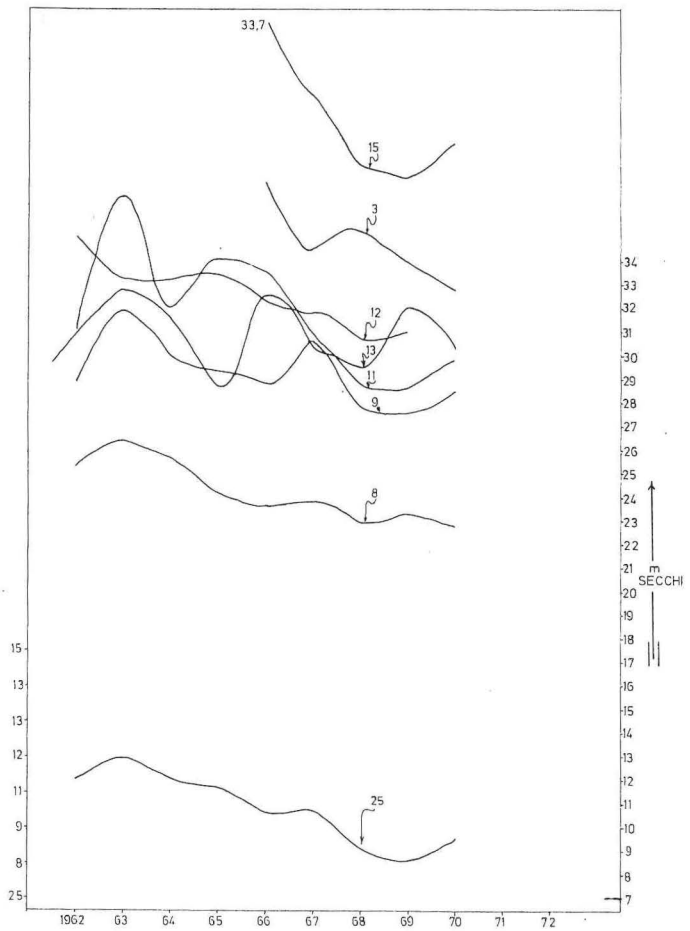

Fig. 63. Trend of decrease of sea water transparency in the central Adriatic and South Adriatic Basin. Ordinate has a sliding scale related to stations. The shift of the base for each station is marked on the left side of the graph. Each curve is marked by the number of the respective station.

Some optical measurements using a cell photometer were made at Stončica Station (9) between September 1966 and the beginning of 1969. The values in Table 40 are given for depth at which the light was absorbed and reduced

to 1/2, 1/10, and 1/100 of the light values at the surface at the time of measurement. The data showed that in 1967 and 1968 the waters were more transparent than in 1966.

Table 40. Light absorption in the sea water at Stončica Station (9). Annual ranges given in metres.

Percent of the remaining light	1966	1967	1968
50%	1.5—4.8	2.5—11.8	2.5—11.5
10%	17.0—37.5	20.0—37.5	17.0—39.0
1%	51.0—77.0	55.9—90.0	55.0—90.0

If we consider the data e. g. from 1964 and arrange the stations according to the depths which were reached by one per cent of the surface light we shall obtain the following succesion:

Kaštela Bay (25)	21—36 m
Pelegrin (8)	57—70 m
Stončica (9)	55—90 m

Transparency of the sea water may also be the result of organic and inorganic suspension. The latter plays an important role in the transparency of the water at the two most inshore stations (25 and 13).

OXYGEN IN THE SEA WATER

Annual maximum (Table 41) and minimum (Table 42) values of O_2 content were computed from the data from six stations.

Higher mean maximum values are ordinarily recorded from Stations 25, 8, and 9. This group of stations is protected by an island barrier near the eastern coast. Stations 13, 3, and 15, however, are the stations with lower O_2 values (Table 41). They are the open sea stations.

Stations with minimum oxygen means (Table 42) are also grouped. Channel Stations (25 and 8) and Station 3 have lower values as compared with the rest of the stations.

Value of »R« (difference between maximum and minimum values of O_2 ml/l content) given in Table 43 show a similar grouping of stations.

Table 41. Maximum O_2 ml/l values (M) recorded from the Central and Southern Adriatic.

	Station						
Year	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)	Mean
1962	6.58	6.50	6.53	6.24	—	—	6.46
1963	6.48	6.29	5.96	6.26	—	—	6.24
1964	6.47	7.16	6.63	6.67	—	—	6.73
1965	6.75	6.95	7.30	6.77	—	—	6.94
1966	7.11	6.80	7.18	6.54	6.39	6.32	6.90
1967	6.61	6.61	6.22	5.99	6.02	6.27	6.28
1968	6.43	6.38	6.43	5.69	5.98	6.03	6.15
1969	6.50	6.50	6.62	6.77	6.54	6.15	6.51
1970	6.57	6.12	6.29	6.01	6.15	6.54	6.28
Mean	6.61	6.59	6.57	6.32	6.21	6.26	6.47

Table 42. Minimum O_2 ml/l values (m) recorded from the Central and Southern Adriatic.

	Station						
Year	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)	Mean
1962	4.81	4.74	4.77	4.83	—	—	4.78
1963	4.81	4.90	4.65	3.92	—	—	4.57
1964	4.74	4.62	4.51	3.90	—	—	4.44
1965	4.40	4.38	4.31	4.79	—	—	4.47
1966	4.54	4.92	4.84	5.13	5.10	4.28	4.85
1967	4.64	5.04	4.94	4.82	5.03	4.72	4.85
1968	4.88	4.96	4.93	4.87	4.87	4.90	4.91
1969	4.83	4.78	4.52	4.59	4.67	4.40	4.68
1970	4.91	4.81	4.55	4.58	4.62	4.53	4.67
Mean	4.72	4.79	4.66	4.60	4.85	4.56	4.67

Thus stations with higher »R« values such as 25, 8, and 9 are in the protected channel area of the eastern Adriatic littoral belt. This may indicate the higher organic production in this region.

Table 43. Ranges of oxygen variations (R = M—m).

	Station						
Year	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)	Mean
1962	1.77	1.76	1.76	1.41	—	—	1.67
1963	1.67	1.39	1.31	2.34	—	—	1.67
1964	1.73	2.54	2.12	2.77	—	—	2.29
1965	2.35	2.57	2.99	1.98	—	—	2.47
1966	2.57	1.96	2.34	1.41	1.29	2.04	1.93
1967	1.79	1.34	1.49	1.17	0.99	1.55	1.38
1968	1.55	1.42	1.50	0.82	1.11	1.13	1.25
1969	1.67	1.72	2.10	2.18	1.87	1.74	1.87
1970	1.66	1.31	1.74	1.43	1.53	2.01	1.61
Mean	1.96	1.77	1.93	1.72	1.35	1.69	1.79

Means were computed and a normal graph constructed for O_2ml/l content on the basis of the data collected from Station 9 (Stončica) over the period of eight years (Fig. 64). The graph shows the presence of a well developed vertical gradient in the warmer part of the year. Apparently, this gradient is related with the gradients for T°C and σ_t which show a similar behaviour.

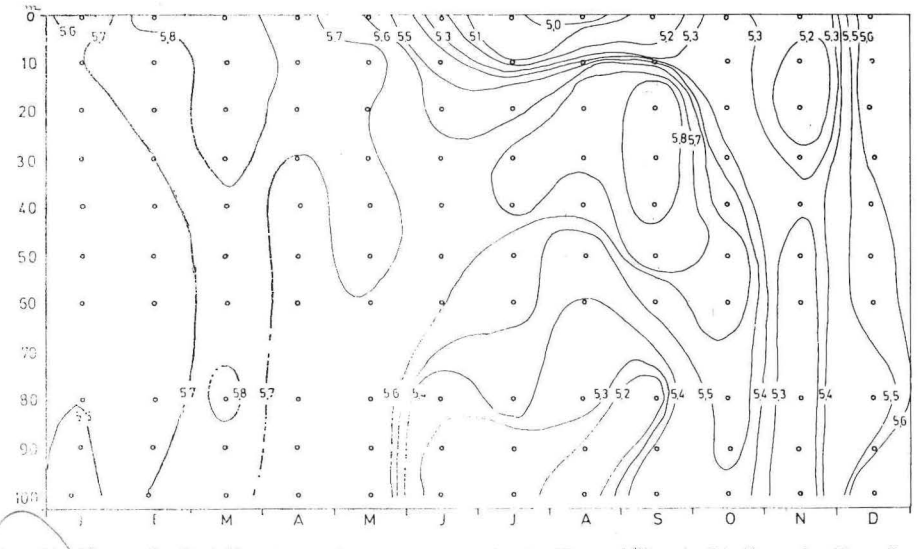

Fig. 64. Normal distribution of oxygen content (O_2 ml/l) at Station 9 (Stončica). Means were computed from the data for eight years.

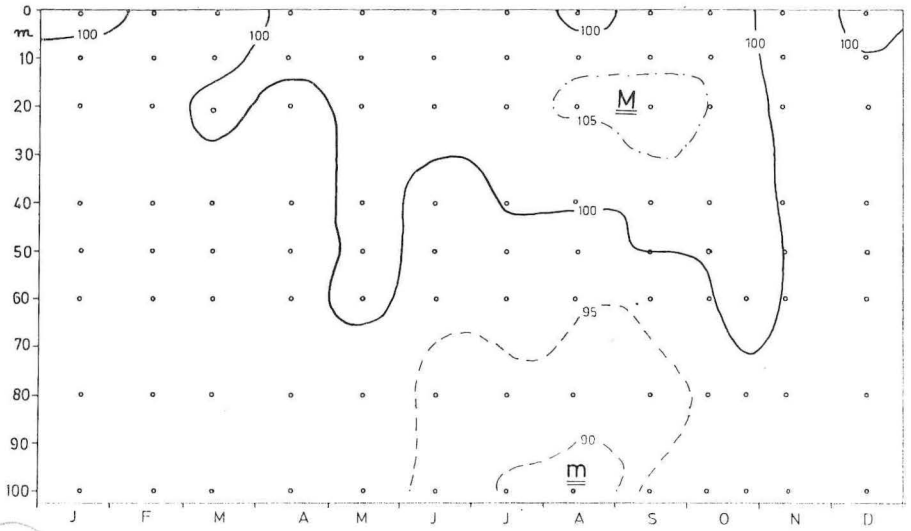

Fig. 65. Normal distribution of O_2% at Station 9 (Stončica). Means were computed from the data for eight years.

The graph clearly indicates that tle atmospheric oxygen is transported into the deeper sea layers (abiogene oxygen) in winter. It also shows the areas and periods of accumulation of biogene oxygen, upwelling, or possibly the advection of older water (poorer in oxygen) at the bottom of the station, and the position, by seasons, of water having an extreme O_2ml/l content.

The review of O_2% values from Station 9 (Stončica) are given in a similar way (Fig. 65).

Roughly speaking, the 100% isoplethe is found throught the warmer part of the year down to 50 m. The highest values are recorded at 20 m in summer. This accumulation of oxygen is due to biological effects. In summer, the maximum value of oxygen saturation (upper layers) and the minimum ones (at the bottom of the column) occur simultaneously.

Similar conditions hawe also been recorded from the Mljet Lakes (B u l j a n & Š p a n, 1976). Colder months (about six months) do not show O_2% graditents by depth.

FREE PHOSPHATE

The material collected from 1962 through 1970 is given in Annex IV (Tables A 14 — A 19). The data thus presented were used for determination of the space and time distribution of P—PO_4.

As indicated by Table 44, maximum values are found in the upper 20 m at coastal stations (25, 8, 13). This is due to the influence of the coast. The same is applicable to Station 9 (Stončica) where a maximum phosphate quantity was recorded at 30 m.

Table 44. Distribution of free phosphate P-PO_4 (mg/t)in the Central and Southern Adriatic from 1965 to 1970.

Depth m	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)
0	m 2.25	M 2.08	2.53	mm 1.91	m 2.03	3.01
10	2.38	MM 2.24	2.44	MM 4.84	2.49	2.93
20	M 2.54	MM 2.24	2.58	M 2.20	2.52	3.16
30	2.48[1]	mm 1.94	MM 2.75	2.00	2.46	2.87
50		M 2.08	mm 2.22	2.19	2.08	2.90
75		m 2.00[2]	m 2.36	2.10	2.15	2.82
100			M 2.60	2.07	2.62	M 3.28
150				m 1.94[3]	mm 1.94	—
200					M 2.98	MM 3.31
300					MM 3.04[4]	2.63
400						2.81
500						3.25
600						2.44
800						m 2.42
1000						mm 2.14
1180						2.95

1) 35 m level
2) 70 m level
3) 120 m level
4) 260 m level

Remark: MM = primary maximum
M = secondary maximum
mm = primary minimum
m = secondary minimum

However, in the two Adriatic basins P—PO_4 maxima occur mach deeper. In the case of Station 3, this is due to the morphology of the basin which diminishes the advection of water masses in the 200—260 m bottom layers. In the case of Station 15, this is the result of the influence of intermediate Eastern water which is richer in phosphate. Deeper layers of this basin are poorer in phosphate. This is probably caused by the winter sinking of poorer waters from the central Adriatic and adjacent parts, which accumulate on the bottom of the South Adriatic basin.

Table 45 shows the relationships between two basins regarding phosphate content.

Table 45. Quantities of the free phosphate P-PO_4 (mg/t) in the waters of the two Adriatic basins.

Depth (m)	$\Delta = A - B^1)$
0	+0.99
10	+0.44
20	+0.64
30	+0.41
50	+0.12
75	+0.67
100	+0.66
200	+0.33
300	—0.41

[1]) A = phosphate contents in the layers of the South Adriatic Basin (Station 15)
B = phosphate contents in the layers of the Jabuka Basin (Station 3)

It may be seen that each layer down to 200 m in the South Adriatic Basin is richer than the corresponding layer in the Jabuka Basin. Therefore it may be concluded that the origin of free phosphate (P-PO_4) lies possibly somewhere in the South. However, a different situation is encountered in the bottom layer of the Jabuka Basin where the water is richer in phosphate as compared with the corresponding layer in the South Adriatic Basin. This is probably due to the influence of advection from the northern Adriatic to the Jabuka Basin and to the morphology of the Jabuka basin where organic detritus is deposited.

It should be emphasized that the data for time distribution of free phosphate were collected at different intervals: data from the first three stations (25, 8, 9) were collected monthly, those from the latter three stations (13, 3, 15) were collected seasonaly. This makes the comparison of results rather difficult. Table 46 shows the position of primary and secondary maxima by months.

They apper in the same month at Stations 25 and 8 (i. e. in September and November). Due to their adjacent position these stations behave similarly.

Station 9 shows similar behaviour, both maxima occurring somewhot earlier i. e. in June and October. The phosphate seems to be carried by the waters from the open southern Adriatic thus it first reaches Station 9 (Stončica) and then enters the channels (Station 8).

Station 15 behaves like Station 9 with respect to a primary maximum, whereas a secondary maximum is recorded a month earlier. The position of the maxima seems to reflect the dynamic properties of the southern and central Adriatic, which means that the transport of phosphate by water from the south to the north results in a time lag of maxima at individual sites.

Table 46. Distribution of free phosphate ($P\text{-}PO_4$) maxima (M) and minima (m) by months in the 1962—1970 period.

Month	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)
January				—	—	—
February				—	—	—
March	mm	m	mm	M	M	m
April		mm	m	—	—	—
May				—	—	—
June	m		MM	m	m	MM
July				—	—	—
August				—	—	—
September	MM	MM		MM	MM	M
October			M	—	—	—
November	M	M		—	—	—
December				mm	mm	mm

Remark: there are no data for months marked »—«.

Stations 3 and 13 are different since their secondary maxima occur in March and the primary ones in September.

These two stations are also dynamically connected since they are in the areas where the water moves out from the Adriatic (Station 3 only partly), whereas all the other stations are in the areas of a nortward, incoming current. The position of these two stations is the reason for the particular location of both secondary minima and maxima.

As may be seen from Table 47, in the 1962—1966 period all primary and secondary phosphate minima occurred at all the stations except for Station 3.

The year 1967 initiated the period of higher phosphate values. Thus from 1967 to 1970 ten values of primary and secondary maxima were recorded In the five years preceeding 1967, however, only two maxima were recorded.

Table 47. Distribution of free phosphate ($P\text{-}PO_4$); maxima and minima in the Adriatic.

Year	Station					
	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)
1962		mm	mm	m	mm	m
1963	mm	m	m		—	—
1964					—	—
1965				M	—	—
1966	m			mm	mm	mm
1967		MM	M		M	
1968	MM	M	MM	MM		M
1969				—	m	
1970	M			—		MM

Remark: there are no data for years marked »—«

Such a distribution of phosphate maxima and minima bu years may be explained by the long-term fluctations of hydrographic properties recorded in the Adriatic, as explained in the chapter on temperature and salinity anomalies.

The increase in inflow of Eastern intermediate water into the Adriatic is the possible cause of such distribution of phosphate maxima by years.

The grand mean values of free phosphate content for each station in the 1962—1970 period were also computed. Table 48 shows that the values from two Adriatic basins (Stations 3 and 15) exceed the values from the stations at the Split—Gargano cross-section. The highest value was recorded from Station 15 (South Adriatic Basin). This is another indication that the phosphate recorded from the investigated part of the Adriatic originates mainly in the intermediate water entering the Adriatic from the Ionian Sea. The phosphate content in the Jabuka Basin results from the influence of another important phosphate origin — land drainage in the northern Adriatic.

Table 48. Grand mean of free phosphate content ($P\text{-}PO_4$) mg/t at individual stations for the whole period of investigations.

Station	$P\text{-}PO_4$ mg/t
Kaštela Bay (25)	2.10
Pelegrin (8)	1.88
Stončica (9)	2.23
Gargano (13)	1.93
Jabuka Basin (3)	2.57
South Adriatic Basin (15)	2.91

TOTAL PHOSPHORUS

The basic data are systematized in tables given in Annex IV (Tables A 20 — A 25) out of which there was constructed Table 49.

As may be seen, the stations may be grouped in three categories with respect to the distribution of maximum and minimum total phosphorus values by depths.

Stations 25 and 8 belong to the group where maxima are found at the surface (sometimes at 10 m) and at the bottom, and minima are found in the intermediate layers.

Station 9 and 13 are from the group with quite the opposite distribution, where maxima occur in the intermediate layer.

Table 49. Distribution of total phosphorus (means) (P-tot mg/t) in 1965—1970 period.

Depth m	Station: Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)
0	M 6.38	5.69	5.09	6.20	m 5.84	mm 5.07
10	mm 5.82	MM 6.36	5.21	5.58	M 7.27	M 8.16
20	m 6.12	mm 4.87	m 4.65	mm 4.91	mm 5.29	6.06
30	MM 6.91[1])	m 5.47	MM 5.61	6.06	6.68	—
50		5.89	4.94	6.03	5.85	6.10
70		M 6.08[2])	M 5.35	MM 7.12	7.14	m 5.34
100			mm 4.56	M 6.73	7.01	5.94
150				m 5.35[3])	7.24	—
200					MM 7.52	8.10
300					6.51[4])	7.16
400						6.69
500						6.23
600						MM 8.19
800						6.74
1000						6.89
1180						6.87

1) 35 m level
2) 70 m level
3) 120 m level
4) 260 m level

Remark: MM = primary maximum
M = secondary maximum
mm = primary minimum
m = secondary minimum

Stations 3 and 15 (two basins) are in the third group. The minimum is at the surface, next comes the secondary maximum followed by the secondary minimum, and the maximum total phosphorus mean is found in the bottom layer.

Table 50. Distribution of total phosphorus (P-tot) maxima and minima by months in the 1962—1970 period.

Month	Station: Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)
January				—	—	—
February			M	—	—	—
March				m	mm	mm
April			MM	—	—	—
May		m		—	—	—
June	mm			M	MM	MM
July		MM		—	—	—
August	M	M		—	—	—
September				MM	M	M
October			m	—	—	—
November	m		mm	—	—	—
December	MM	mm		mm	m	m

Remark: MM = primary maximum mean
M = secondary maximum mean
mm = primary minimum mean
m = secondary minimum mean
There are no data for months marked »—«

In addition to the differences in geographical position between these stations, their behaviour may also be accounted for by the fact that part of the observations were carried out during the ingressional period and part at the time when there was no significant advesticno of Eastern Mediterranean intermediate water.

Total phosphorus time distribution by stations is briefly discussed.

Due to the fact that the data from the first three stations were collected monthly, and for the latter three stations seasonally, the comparison of the data from Table 50 appears rather difficult. It is only possible to make some rough generalizations.

We may say that almost all the total phosphorus maxima were encountered in the warmer part of the year (from June to September) and most of the minima in the colder part (from November to March).

There is a rough agreement between these data and those on free phosphate.

An indicated by Table 51, two periods, with respect to the distribution of the occurrence of total phosphorus may be distinguished. Thus 1962—1965 are the years of total phosphorus annual minima whereas 1966—1969 are characterized by the occurrence of a total phosphorus maximum mean.

This table is new evidence that in the latter part of 1967 a strong ingression of Mediterranean Eastern Intermediate water started, which exceeded the inflow of water in the preceeding years. This process continued in 1968, and 1969 (see the anomalies of Cl‰ at the time).

Table 51. Distribution of total phosphorus (P-tot) maxima and minima by years.

	Station					
Year	Kaštela Bay (25)	Pelegrin (8)	Stončica (9)	Gargano (13)	Jabuka Basin (3)	South Adriatic Basin (15)
1962	mm	mm	mm		mm	mm
1963				mm	—	—
1964	m		m		—	—
1965	M	m		m	—	—
1966					MM	M
1967	MM	MM	M	M		MM
1968		M	MM	MM	m	
1969				—	M	
1970				—		m

Remark: data for the years marked »—« were not collected

The grand mean for six stations (Table 52) was computed from the 1962—1970 data. Here also, values from two basins exceeded those from the stations of the Split—Gargano cross-section.

The highest value was recorded at Station 15. As mentioned before, this is an indication that the intermediate water of the Ionian Sea is the principal origin of phosphate occurring in the southern and central Adriatic. This agrees well with the results published in some our earlier papers (B u l j a n, 1964a, 1969b, 1974).

Table 52. Grand means of total phosphorus content (P-tot mg/t) for the whole period of investigation

Station	P-tot mg/t
Kaštela Bay (25)	5.85
Pelegrin (8)	4.79
Stončica (9)	4.87
Gargano (13)	5.34
Jabuka Basin (3)	6.12
South Adriatic Basin (15)	6.37

The data brought out in this paper show that in the 1965—1970 period one strong ingression (1967—1969) occurred and posibly one less marked (1965). Thus the enrichment of Adriatic Basins by phosphorus was ensured.

Station 15 (South Adriatic Basin) is somewhat less rich in total phosphorus than is Station 3 (Jabuka Basin). As mentioned earlier, this is due to the enrichment originating from the nothern Adriatic (Po River).

With respect to phosphorus content ,two marginal stations (25 and 13) of the Split—Gargano cross-section are poorer. Still, both these stations are under the influence of the coast. Stations 8 and 9 are the poorest in phosphorus.

CONCLUSIONS

Temperatures were processed for a coastal station at Split, a cross-section, Split—Gargano, and the Adriatic Basins.

The sea surface temperature in Split showed small annual ranges of monthly mean values in 1955 and particularly in 1969. This was interpreted as the result of more intensive advective movements in these years. Sea surface temperature at the Split—Gargano cross-section also showed the smallest annual range in 1969.

Long-term means of monthly temperatures at standard depths at Stations Stončica (9) Kaštela Bay (25) and Stations in Neretva region clearly indicate the occurence of upwelling in the warm period.

During nine years (1962—1970) the absolute minimum temperature at the Split—Gargano cross-section was 9.58°C, recorded in the bottom layer of the open sea station 11. The absolute maximum temperature, 25.70°, was also recorded at an open sea station (10). The most maritime were the stations 9 and 10. The temperature distribution at the surface and 50 m depth of the cross-section shows that minimum and maximum temperatures occur closer to the eastern coast. This clearly indicates the greater continentality of the eastern coast, due to prominent indentations (numerous channels and bays), the correspondingly slower currents, and the specific meterological conditions (bora wind in association with the closeness of mountains).

The vertical distribution of winter temperatures in the South Adriatic Basin and in the Jabuka Basin showed that the conditions in 1967—1969 were similar to those in 1914, i. e. the whole basin was influenced by intensive

advection of Eastern Mediterranean warmer (and more saline) intermediate water.

Several values of chlorinity (salinity) from the Split—Gargano cross-section were analysed: annual extremes, annual ranges and differences in extreme values between the succesive years. In the nine year period (1962—1970) the highest value was 21.60 Cl‰ (1968) and the lowest was 18.16 Cl‰ (1965).

Maximum salinities were usually recorded from the middle of the cross-section. Their annual variations are continuously homogeneous at the greater part of the cross-section, except at station 13 (Gargano). This is due to the fact that maximum salinities are affected by the Eastern Mediterranean water type, the influence of which is felt along the whole of the cross-section, except close to the western coast (Station 13 is about 20 nm off the coast). Therefore, the maximum salinities are an indicator of the influence of Eastern type water, which is felt in the whole of the Adriatic.

Minimum salinities were, as a rule, recorded at Station 25 (Kaštela Bay) close to the eastern coast. Their annual variations at the cross-section are not homogeneous, since the geophysical complex by which they are regulated, due to its local character, does not affect the whole area with the same intensity.

Chlorinity distribution over the cross-section indicates well the influence of Eastern Mediterranean water (> 21.30 Cl‰) and coastal water (< 21.00 Cl‰) in different years. Chlorinity was to some extent high in 1965, but in the period 1967—1970 it was particularly high, with a maximum in 1968. This was the period of the highest chlorinity ever recorded in the Adriatic.

Coastal water influences the central part of the cross-section mainly in spring and in late summer. Penetrations from the eastern coast are much more frequent than those from the western coast. The influence of coastal water could well be connected to the regime of currents at the cross-section.

Monthly anomalies of temperature and chlorinity at Station 9 (Stončica) were especialy considered, since very good time series were available for that station. In the period 1966—1967 positive temperature anomalies were recorded in autumn. Anomalies of chlorinity showed the influence of saline Eastern Mediterranean water in the period 1967—1970. Together with other indicators, these anomalies show that 1967—1970 were the years of the most prominent influence of Eastern Mediterranean water in the Adriatic.

Negative anomalies of chlorinity showed that water of lower salinity originating from the western Adriatic coast could occur in the Split—Gargano cross-section area in autumn.

Comparison of the graphs for Station 9 (Stončica) and the Split—Gargano cross-section as a whole, showed that Station 9 could be considered as representative of the central Adriatic.

Density distribution at the Split—Gargano cross-section indicated stronger dynamics in the period 1968—1969 (stronger advection of Eastern Mediterranean water). At the same time, the sinking of denser water from the Jabuka Basin into the South Adriatic Basin was recorded in the region of the cross-section (Palagruža Sill). It was recorded in the summer period also.

The most abundant data on currents were collected at Station 9 (Stončica). Here the directions of the fourth quadrant prevail, especially the NW direction of the current flowing into the Adriatic and N direction. The later is particularly pronounced in the bottom layer, where it could be associated

with upwelling. Temperature data also chearly show the occurrence of upwelling in 1969. The phenomenon extends offshore to the region between Stations 9 and 10, i. e. about 40 nm. The influence of the Neretva River is also felt in the current regime of Station 9 (Stončica).

Current measurements at Stations 70b and 158, i. e. in the area of the assumed position of the Adriatic amphydromy did not prove the theoretical postulations of earlier authors.

Experiments with drift bottles successfully proved the known facts about the seasonal and long-term changes of the current field.

Current meter records from Station 9 (Stončica) were compared with chlorinity anomalies. More saline water was found to come in the surface layer to this stations from the south and south-west. Going deeper, the more saline water inflow is from the south-est. Water of lower salinity in the surface layer comes from the north-west (the influence of the North Adriatic), and from the north, i. e. verticaly from the coast. The influence of water of lower salinity is felt far less in deeper layers.

Monthly and annual turnover and balance of salts at Station 9 (Stončica) were calculated on the basis of differences in chlorinity between succesive months. The maximum turnover of salts was found in 1965 and the minimum in 1966.

The calculated turnover of salts, which could be connected to water advection, was usred for the computation of water renewal time at some stations of the Split—Gargano cross-section. It as found in this region, i. e. in the central Adriatic, that the variation in salinity in one direction (increase or decrease) lasts for about ten days. Water renewal calculated from mean values for the Stončica region gave two and half water exchanges during one year, and three and a half for the Kaštela Bay (Station 25).

The coefficient of vertical turbulent conduction was also computed for Stations 9 and 25 by means of the Fjeldstad method. Higher values of this coefficient were found above and below the thermocline.

Data on transparency measured by a Secchi disc showed that the water in the Kaštela Bay (Station 25) was less transparent than at Station 8 (Pelegrin) and 9 (Stončica). Maximum transparency at all three stations occurs in September. Data from Station 8 (Pelegrin) show the influence of the Neretva River. Progressing longitudinally from the Jabuka Basin to the South Adriatic Basin, transparency decreased. Along the Split—Gargano cross-section the highest values were recorded at its central part. The greatest annual variations were recorded at Station 9, due to the peculiar position of this station in the basin.

From 1963 on, the trend of a continuous decrease of transparency in the whole basin has been recorded. It is probably due to eutrophication of the basin. The greatest decrease of transparency coincided with the occurence of the intensive influence of the Eastern Mediterranean water (1966—1970), which probably caused the increase of bioproduction. The continuous reduction of transparency may be in part accounted for by the human activities.

The data on oxygen content show higher mean values at three coastal Stations (8, 9 and 25). This is an indication of higher organic production. Normal graphs of the oxygen content at Station 9 (Stončica) show a developed vertical gradient in the warmer part of the year, similar to that of temperature and density. The transport of atmospheric (abiogene) oxygen to deeper

layers is evident in winter. The period of accumulation of biogene oxygen and the influence of upwelling were also noted.

The vertical distribution of phosphate at coastal stations showed a maximum in the upper 20 m layer. In the Jabuka Basin it was found close to the bottom which indicates the influence of the North Adriatic. In the South Adriatic Basin the maximum was found at 200 m, resulting from the influence of the Eastern Mediterranean Intermediate water. Differences in phosphate content in the upper 200 m in two Adriatic Basins showed that the South Adriatic Basin was richer in these salts, due to influence of the Mediterranean. However, below 200 m the Jabuka Basin was richer in phosphates due to the influence of the North Adriatic water which sinks into Jabuka Basin in winter.

Maximum values of phosphate and their occurence in different months during the year are good indicators of the dynamic properties of the investigated area. Long term extreme values showed that 1967—1970 were years of phosphate enrichement. This is in good agreement with the other data showing the increased influence of the Mediterranean in these years.

Distribution of the total phosphorus content gave good support to all findings obtained by observations of free phosphate content.

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HIDROGRAFSKA SVOJSTVA JADRANA U RAZDOBLJU 1965—1970. GODINE

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KRATAK SADRŽAJ

Obrađen je velik broj podataka za niz parametara prikupljenih na postajama profila Split—Gargano, te u Južnojadranskoj i Jabučkoj kotlini. U prilogu je tabelarno dat sav prikupljen materijal za razdoblje 1965—1970. g. Ove tablice se nastavljaju na ranije publikacije istog karaktera. U obradi su korišteni i ranije objavljeni podaci iz prethodnih godina. Tabelarno su dati i podaci sa postaja za koje postoji mali broj podataka, a koji nisu posebno obrađivani.

Temperatura površine mora u Splitu pokazuje 1955. i osobito 1969. mali godišnji raspon srednjih mjesečnih vrijenosti. To se povezuje s intenzivnijom advekcijom tih godina. Temperatura površine mora na profilu Split—Gargano također pokazuje najmanji raspon ekstrema u 1969. g.

Višegodišnje srednje mjesečne vrijednosti temperature mora na standardnim dubinama postaje Stončica (9) i Kaštelanski zaljev (25) te postaje u Neretvanskom kanalu jasno pokazuju pojavu »upwellinga« (uzdizanja vode).

Apsolutna minimalna temperatura na profilu Split—Gargano tokom 9 godina (1962—1970) bila je 9,58° C, a nađena je u pridnenom sloju postaje otvorenog mora (11). Apsolutna maksimalna temperatura od 25,70° C također je nađena na postaji otvorenog mora (10). Maritimnost je na profilu najizrazitija na postajama 9 i 10. Grafički prikaz raspodjele temperature na površini i 50 m na profilu pokazuje da su terminske minimalne i maksimalne temperature smještene bliže istočnoj obali. Ovo jasno pokazuje veći kontinentalitet istočne obale, koji se može rastumačiti većom razvedenosti te obale (kanalima, zaljevima), odatle djelomično manjom brzinom strujanja, te meteorološkim faktorima (burom i djelovanjem planinskog masiva uz obalu).

Vertikalni raspored zimskih temperatura u Južnojadranskoj i Jabučkoj kotlini pokazuje da su u razdoblju 1967—1969. g. vladale prilike slične onima iz 1914. g., tj. da se cijeli bazen nalazio pod utjecajem jače advekcije istočno-mediteranske toplije (i slanije) vode.

Obrađeno je nekoliko indikatora kloriniteta (slanosti) na profilu Split—Gargano: godišnji ekstremi, njihove razlike te razlike ekstremnih vrijednosti između uzastopnih godina. Najviša vrijednost tokom 9 godina (1962—1970) bila je 26,60 ‰ Cl (1968), a najniža 18,16 ‰ Cl (1965).

Maksimalne slanosti se obično pojavljuju na sredini profila. Njihove godišnje promjene su trajno homogene na najvećem dijelu profila, osim na postaji 13 (Gargano). Tome je uzrok činjenica da na maksimalne slanosti djeluje mediteranska voda, čiji utjecaj se osjeća na cijelom profilu, osim neposredno uz zapadnu obalu (do cca 20 Nm od obale). Zbog toga su maksimalne

slanosti pokazatelj utjecaja istočne vode, koji se osjeća u cijelom Mediteranu, pa i u cijelom Jadranu.

Minimalne slanosti na profilu se redovito pojavljuju u Kaštelanskom zaljevu, tj. uz istočnu obalu. Godišnje razlike minimalnih vrijednosti na profilu nisu homogene jer geofizički kompleks koji njima ravna ne djeluje podjednako na cijelom području, s obzirom na to da se tu radi o faktorima lokalnog značaja.

Raspored kloriniteta na profilu dobro pokazuje jačinu utjecaja mediteranske (Cl > 21,30 ‰) i obalne (Cl < 21,00 ‰) vode u različitim godinama. Kao godina visoke slanosti se pokazuje u manjoj mjeri 1965, a vrlo se ističe razdoblje 1967—1970. s maksimumom 1968. g. (»jadranska ingresija«). To je razdoblje najviše slanosti koje je do sada zabilježeno za Jadran.

Prodori obalne vode u središnji dio profila se zbivaju pretežno u proljeće i kasnom ljetu. Oni češće dolaze s istočne obale, a znatno rjeđe sa zapadne. Njihova pojava se može povezati i sa sistemom strujanja u području profila.

Posebno su razmotrene mjesečne anomalije temperature i kloriniteta za niz godina na postaji Stončica (9) jer za tu postaju postoje vrlo dobri dugogodišnji nizovi podataka. U razdoblju od 1966. do 1970. se u jeseni na toj postaji pojavljuje pozitivna anomalija temperature. Anomalije kloriniteta u razdoblju 1967—1970. ukazuju na utjecaj slanije mediteranske vode, pa se smatra da one mogu poslužiti kao indikator za intenzitet advekcije istočne i drugih tipova vode. Anomalije temperature i slanosti na postaji Stončica pokazuju, kao i niz drugih indikatora, da je u razdoblju 1967—1979. opažena do sada najistaknutija ingresija mediteranske vode u Jadran.

Negativne anomalije kloriniteta su pokazale da se u jeseni u području profila Split—Gargano može pojaviti i slađa voda porijeklom sa zapadne obale.

Usporedba grafova sa postaje Stončica s grafovima s profila Split—Gargano je pokazala da je ta postaja dovoljno reprezentativna za srednji Jadran.

Raspored gustoće na profilu Split—Gargano ukazuje na jaču dinamiku u ingresionom razdoblju (1968—1969). Također je u tim godinama evidentirano izlijevanje gušće vode iz Jabučke kotline preko palagruškog praga u Južnojadransku kotlinu (i u ljetnom razdoblju).

Najveći broj podataka o strujanju je sabran na postaji Stončica, gdje prevladavaju smjerovi četvrtog kvadranta. Uz smjer poznate ulazne (NW) struje još je istaknut smjer N, osobito u pridnenom sloju, gdje se mogao povezati s pojavom »upwellinga«. Jaka pojava »upwellinga« 1969. g. se potvrđuje i temperaturnim podacima. Vanjska granica te pojave se nalazi između postaje 9 i 10, tj. cca 40 Nm od kopna. Na strujnom režimu postaje Stončica se uočava i utjecaj Neretve.

Mjerenja struja na postajama 70 b i 158 u području teoretskog smještaja jadranske amfidromije nisu potvrdila teoretske pretpostavke ranijih autora.

Eksperiment bacanja boca — plovaka je dobro odrazio sezonske i višegodišnje promjene strujnog polja.

Strujomjerni podaci sa postaje Stončica su uspoređeni s anomalijama kloriniteta. Nađeno je da u površinskom sloju slanija voda dolazi na tu postaju s juga i jugozapada. Idući prema dubini smjer donosa slane vode se obrće prema jugoistoku. Slađa voda u površinskom sloju dolazi iz sjeverozapada (utjecaj sjevernog Jadrana) i sa sjevera, tj. okomito od obale. U dubljim slojevima je utjecaj slađe vode mnogo manje izražen.

Na bazi razlika kloriniteta u mjesečnim intervalima izračunat je za ispitivano razdoblje mjesečni i godišnji obrt i bilans soli na postaji Stončica. Smještaj pozitivnih i negativnih mjesečnih vrijednosti se mijenja u različitim godinama. Maksimalni obrt soli je imala 1965. g., a minimalni 1966. g.

Podaci o obrtu soli, koji je povezan s advekcijom vode, iskorišteni su i za proračun brzine izmjene vode na nekim postajama profila Split—Gargano. Nađeno je da u srednjem Jadranu jednosmjeran proces promjene slanosti traje cca 10 dana. Srednje vrijednosti na Stončici daju 2 1/2 izmjene vode u godini dana, a u Kaštelanskom zaljevu 3 1/2 izmjene godišnje.

Izračunat je i koeficijent vertikalne turbulentne kondukcije pomoću Fjeldstadove metode za postaje Stončica i Kaštelanski zaljev. Veće vrijednosti tog koeficijenta su iznad i ispod termokline.

Podaci o prozirnosti mora mjerene Secchijevom pločom su pokazali da je u Kaštelanskom zaljevu (postaja 25) prozirnost znatno manja nego na postaji Pelegrin (8) i Stončica (9). Maksimum prozirnosti na ove tri postaje se pojavljuje u septembru. Godišnji hod prozirnosti na postaji Pelegrin (8) ukazuje na utjecaj rijeke Neretve.

Prozirnost se smanjuje idući longitudinalno od Jabučke kotline prema Južnojadranskoj kotlini. U transverzalnoj rasprostranjenosti najviše vrijednosti nalazimo u sredini profila Split—Gargano. Najveća godišnja kolebanja su nađena na postaji Stončica zbog njezinog specifičnog smještaja u bazenu.

Počevši od 1963. pokazuje se stalni trend opadanja prozirnosti u cijelom bazenu, što se može povezati se eutrofizacijom. Najveće smanjenje proizvodnosti pada u razdoblje povećanog djelovanja istočnomediteranske vode (1967—1970) i odatle uslovljenog povećanja biološke produkcije. Djelomično se ovo trajno smanjenje prozirnosti može tumačiti čovjekovim utjecajem.

Obrađeni su i podaci o sadržaju i zasićenju kisikom na profilu Split—Gargano, te u Jabučkoj i Južnojadranskoj kotlini. Više srednje vrijednosti su nađene na tri obalne postaje (8, 9 i 25) što ukazuje na višu proizvodnju tog područja. Normalni graf sadržaja kisika na postaji Stončica (9) pokazuje razvijen vertikalni gradijent u toplom dijelu godine, analogno rasporedu temperature i gustoće. Vidljiv je prijenos atmosferskog (abiogenog) kisika zimi u donje slojeve, te razdoblje gomilanja biogenog kisika, kao i utjecaj »upwellinga«.

Vertikalni raspored fosfata na obalnim postajama pokazuje maksimum u sloju od gornjih 20 m. U Jabučkoj kotlini se taj maksimum nalazi pri dnu, što ukazuje na utjecaj sjevernog Jadrana. U Južnojadranskoj kotlini je maksimum smješten na dubini od oko 200 m, što se tumači utjecajem djelovanja istočne intermedijarne vode. Razlika sadržaja fosfata u vertikalnom sloju u te dvije kotline u gornjih 200 m ukazuje na veće bogatstvo Južnojadranske kotline, odnosno na izvor dobivanja tih soli s juga (Mediterana). U dubinama većim od 200 m je bogatija Jabučka kotlina zbog utjecaja sjevernojadranske vode, koja zimi tone u tu kotlinu.

Raspored maksimalnih vrijednosti sadržaja fosfata po mjesecima u istraživanom području dobro odražava dinamička svojstva bazena. Raspored tih vrijednosti po godinama pokazuje obogaćenje za razdoblje 1967—1970, što se uklapa u već dobivenu sliku o povećanom utjecaju Mediterana u tom razdoblju.

Raspored sadržaja totalnog fosfora je potvrdio sve nalaze dobivene razmatranjem sadržaja slobodnog fosfata.

ANNEX I

T a b l e A 1

Sea surface temperature and salinity for Split, Marjan Cape (rt Marjana)

1 9 5 0

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	13.40	20.47	36.98	14.45	11.80	20.77	20.02
F	11.67	19.88	35.91	12.20	10.42	20.45	18.64
M	12.56	19.86	35.88	14.12	11.45	20.58	19.16
A	13.93	19.76	35.70	14.98	13.00	20.30	19.09
M	18.76	19.09	34.49	22.40	15.30	20.16	17.61
J	23.47	20.00	36.13	24.50	21.05	20.33	19.65
J	24.26	20.53	37.09	25.31	23.20	20.73	20.39
A	24.47	21.02	37.97	26.00	23.52	21.60	20.75
S	22.71	21.08	38.08	24.70	22.38	21.12	20.97
O	19.40	21.09	38.10	21.85	17.90	21.15	21.06
N	14.99	19.87	35.90	16.20	13.80	20.39	19.44
D	12.61	18.34	33.13	13.50	11.30	20.04	16.15
Y-mean	17.69	20.08	36.28	26.00	10.42	20.77	16.15

Note: This year temperatures were not measured every day.

1 9 5 1

J	9.82	18.82	34.00	12.7	10.1	19.91	16.60
F	10.46	19.10	34.51	12.7	8.6	19.54	19.02
M	11.17	18.68	33.75	12.6	8.5	19.86	17.45
A	13.64	18.44	33.31	14.5	12.5	19.49	16.59
M	17.14	17.56	31.73	19.6	15.6	18.92	15.89
J	22.69	18.43	33.30	25.1	20.1	18.99	17.57
J	23.65	19.08	34.47	25.0	21.8	20.45	17.42
A	23.03	18.97	34.27	24.0	21.9	20.54	12.28
S	23.09	20.44	36.92	25.1	21.5	21.07	20.06
O	18.74	21.16	38.22	20.1	17.9	21.36	20.44
N	16.70	19.67	35.53	17.9	15.7	20.52	16.43
D	13.57	19.33	34.92	15.5	12.0	19.66	18.53
Y-mean	16.98	19.14	34.58	25.1	8.5	21.36	12.28

Table A 1 - continued

1952

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	12.63	19.72	35.62	14.1	11.5	20.16	19.18
F	10.91	19.85	35.86	11.5	10.1	20.40	19.28
M	11.21	19.07	34.45	11.8	10.5	20.69	17.12
A	16.20	18.39	33.22	20.3	12.3	20.07	16.68
M	17.54	20.28	36.64	18.6	16.2	20.56	19.92
J	22.10	20.12	36.35	24.4	19.1	20.49	19.63
J	24.02	20.74	37.47	25.4	21.8	20.97	20.57
A	24.71	20.85	37.66	28.6	23.8	21.03	20.59
S	22.40	20.87	37.70	25.1	20.0	20.95	20.64
0	19.02	19.99	36.11	21.4	17.7	20.53	18.95
N	15.00	19.53	35.28	17.4	13.6	20.16	18.81
D	12.88	18.42	33.28	14.4	11.0	19.36	16.88
Y-mean	17.39	19.82	35.80	28.6	10.1	21.03	16.68
			1953				
J	11.15	18.86	34.07	12.3	9.6	19.95	17.76
F	10.41	20.33	36.73	11.7	9.2	20.53	20.19
M	11.62	20.33	36.73	13.9	10.2	20.66	20.00
A	14.83	19.09	34.49	17.3	12.6	19.95	18.38
M	17.66	19.01	34.34	22.6	14.9	19.17	18.73
J	21.64	18.44	33.31	25.0	18.1	18.98	18.00
J	25.51	19.04	34.40	27.7	23.3	19.46	18.54
A	23.30	20.43	36.91	25.5	20.3	20.34	19.91
S	20.78	20.90	37.75	23.9	19.3	20.98	20.82
0	19.66	20.98	37.90	22.9	18.2	21.02	20.91
N	17.31	21.18	38.26	18.9	16.1	21.29	21.08
D	15.35	21.29	38.46	16.5	13.0	21.30	21.28
Y-mean	17.44	19.99	36.11	27.7	9.2	21.30	17.76

Table A 1 - continued

1954

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	11.45	19.83	35.82	13.1	9.4	20.09	19.70
F	10.32	19.79	35.75	11.8	9.2	19.95	19.54
M	11.93	19.58	35.37	13.7	10.2	19.95	19.47
A	13.77	19.73	35.64	15.9	12.4	20.39	19.37
M	16.27	17.92	32.38	21.5	14.0	17.96	17.84
J	22.54	18.16	32.81	27.1	19.1	18.87	17.87
J	23.98	19.84	35.84	26.0	22.1	20.12	19.11
A	21.82	20.56	37.14	25.8	20.4	20.80	20.44
S	22.01	20.96	37.86	24.7	19.2	21.50	20.89
0	17.49	21.09	38.10	20.2	16.2	21.31	20.70
N	15.21	21.08	38.08	16.9	13.0	21.25	20.96
D	12.92	20.10	36.31	14.6	10.4	20.60	19.83
Y-mean	16.64	19.89	35.93	27.1	9.2	21.50	17.84

1955

J	12.12	18.50	33.42	13.2	10.6	19.67	17.91
F	11.85	18.97	34.27	12.7	11.1	19.43	18.45
M	12.22	18.86	34.07	15.2	10.5	20.06	17.67
A	13.52	19.75	35.68	16.9	11.9	20.35	18.88
M	17.78	20.01	36.15	19.6	14.7	20.10	19.88
J	20.36	20.28	36.64	23.2	16.7	20.63	19.96
J	23.38	20.77	37.52	25.4	21.3	20.84	20.71
A	22.65	20.33	36.73	24.8	20.8	20.60	20.09
S	22.13	20.84	37.65	24.7	20.5	20.97	20.62
0	19.18	20.52	37.07	20.3	17.2	20.87	20.27
N	16.72	19.21	34.70	17.8	14.9	20.66	17.68
D	13.97	19.77	35.71	15.8	12.0	19.92	19.62
Y-mean	17.16	19.82	35.80	25.4	10.5	20.97	17.67

Table A 1 - continued

1956

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	12.56	18.65	33.69	13.7	10.4	20.21	16.73
F	10.11	20.66	37.32	12.5	8.9	20.81	20.46
M	10.11	20.32	36.71	12.1	8.4	20.85	19.53
A	12.88	19.55	35.32	14.9	10.3	20.32	18.72
M	16.48	19.56	35.34	23.7	13.5	19.83	18.96
J	20.63	19.62	35.44	23.4	18.8	19.99	19.13
J	23.61	19.76	35.70	27.4	21.0	20.84	18.58
A	25.22	20.47	36.98	27.5	23.4	20.84	20.20
S	22.53	20.45	36.94	25.8	20.4	20.88	20.15
O	19.20	20.93	37.81	21.8	18.0	21.08	20.83
N	16.09	20.78	37.54	18.2	13.9	20.99	20.25
D	13.28	20.06	36.24	14.8	11.4	21.00	20.10
Y-mean	16.89	20.07	36.25	27.5	8.4	21.08	16.73

1957

J	12.22	20.51	37.05	14.2	10.1	20.91	19.48
F	11.41	19.61	35.43	12.0	10.4	20.22	19.12
M	12.48	19.05	34.42	15.2	9.0	20.19	17.83
A	14.50	19.28	34.83	17.4	12.2	20.23	18.24
M	18.02	19.12	34.54	21.2	15.4	19.95	18.37
J	22.35	19.17	34.63	26.5	19.4	36.87	31.44
J	23.88	20.52	37.07	26.8	21.6	20.82	20.25
A	23.58	20.67	37.34	25.5	21.2	20.77	20.57
S	22.15	20.60	37.21	23.9	20.9	20.76	20.15
O	20.00	20.31	36.69	21.3	18.1	20.84	18.78
N	17.21	19.47	35.17	19.3	14.0	20.03	18.44
D	14.22	20.66	37.32	16.4	12.9	37.72	36.82
Y-mean	17.67	19.91	35.98	26.8	9.0	37.72	17.83

Table A 1 - continued

1958

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	12.32	20.29	36.65	13.1	10.5	20.85	19.63
F	11.84	20.35	36.76	13.1	10.4	20.61	19.89
M	11.21	19.85	35.86	12.9	10.2	20.13	17.30
A	12.77	18.13	32.75	15.0	11.1	18.82	18.15
M	18.90	16.94	30.61	24.0	13.2	19.04	12.58
J	21.13	18.93	34.20	24.6	18.6	19.52	18.16
J	23.74	19.91	35.97	25.7	21.3	20.32	19.14
A	24.26	20.40	36.85	27.4	22.0	20.48	20.30
S	21.85	20.66	37.32	23.0	20.6	20.73	20.62
0	20.12	20.86	37.68	21.9	17.6	21.08	20.68
N	16.74	20.70	37.39	18.1	14.9	21.07	19.17
D	14.86	19.37	34.99	16.3	12.3	20.90	15.79
Y-mean	17.48	19.70	35.59	27.4	10.2	21.08	12.58
			1959				
J	12.70	19.26	34.79	13.1	10.5	20.39	18.10
F	11.60	19.86	35.88	13.1	10.4	20.71	19.24
M	13.28	19.89	35.93	12.9	10.2	20.40	19.30
A	14.56	19.78	35.73	15.0	11.1	20.16	19.12
M	17.92	19.81	35.79	24.0	13.2	19.94	19.76
J	21.88	20.08	36.27	24.6	18.6	20.31	19.66
J	23.62	19.79	35.75	25.7	21.3	20.01	19.50
A	23.33	20.32	36.71	27.4	22.0	20.95	20.15
S	20.45	20.52	37.07	23.0	20.6	20.94	20.02
0	17.89	20.76	37.50	21.9	17.6	21.13	20.37
N	15.40	19.71	35.61	18.1	14.9	20.27	19.27
D	13.80	19.59	35.39	16.3	12.3	19.92	19.21
Y-mean	17.20	19.95	36.04	27.4	10.2	21.13	18.10

Table A 1 - continued

1960

	Avegare temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	11.99	19.41	35.07	13.6	8.5	20.35	18.18
F	11.57	19.10	34.51	13.3	10.4	20.21	17.64
M	12.29	18.68	33.75	13.8	11.0	19.59	16.18
A	15.08	17.77	32.10	19.5	12.5	18.99	17.03
M	17.38	18.32	33.10	21.6	13.8	19.38	16.76
J	22.48	19.16	34.61	23.4	17.5	19.93	17.90
J	22.80	20.02	36.17	24.8	21.0	20.39	19.48
A	23.08	20.30	36.67	25.0	22.0	20.36	20.18
S	21.57	20.26	36.60	24.2	19.5	20.38	19.93
0	19.54	19.53	35.28	21.1	17.2	19.93	19.11
N	17.16	18.32	33.10	19.3	15.2	19.06	17.97
D	14.78	18.35	33.15	15.9	13.2	18.95	17.84
Y-mean	17.48	19.10	34.51	25.0	8.5	20.39	16.18

1961

J	12.84	18.92	34.18	15.0	10.8	19.59	18.41
F	11.97	19.28	34.83	13.4	9.0	19.99	17.64
M	13.08	20.06	36.24	14.5	10.9	20.62	19.17
A	15.63	20.32	36.71	17.8	13.2	20.62	20.09
M	17.39	19.94	36.02	21.3	15.3	20.22	19.46
J	21.93	19.57	35.35	26.6	19.2	20.16	19.04
J	23.20	20.39	36.84	25.0	22.0	20.53	20.23
A	22.89	20.58	37.18	26.2	20.0	20.73	20.38
S	21.27	20.56	37.14	22.9	20.0	20.79	20.26
0	20.12	20.26	36.61	22.0	17.7	20.82	18.49
N	17.23	18.63	32.02	19.3	16.0	18.83	18.37
D	15.08	18.96	34.32	17.2	13.3	20.18	18.09
Y-mean	17.72	19.79	35.75	26.6	9.0	20.82	17.64

Table A 1 - continued

1962

A	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	12.84	20.13	36.37	14.4	11.3	20.27	20.01
F	11.07	20.46	36.96	12.1	9.6	20.85	20.09
M	10.80	19.51	35.28	11.7	9.8	20.36	18.64
A	14.13	16.95	30.62	20.6	11.3	18.11	15.55
M	17.45	18.88	34.11	21.4	14.0	19.29	17.46
J	20.55	19.91	35.97	25.2	17.3	20.43	19.17
J	22.99	20.04	36.20	27.2	19.3	20.13	19.94
A	24.64	20.81	37.59	27.6	22.7	20.90	20.58
S	23.33	20.83	37.63	25.8	20.3	20.94	20.75
0	20.18	21.13	38.18	22.3	19.0	21.28	20.93
N	17.10	20.74	37.47	19.3	14.0	21.23	19.70
D	13.87	20.18	36.45	16.5	12.7	20.58	19.50
Y-mean	17.41	19.96	36.06	27.6	9.6	21.28	15.55
			1963				
J	11.72	19.39	35.03	13.4	9.5	20.44	18.69
F	9.93	18.05	32.61	10.7	7.5	18.66	16.40
M	10.90	18.35	33.15	12.2	9.2	19.19	17.86
A	14.05	18.54	33.50	18.4	11.3	19.15	17.37
M	18.49	18.69	33.77	23.0	15.4	19.55	17.97
J	22.44	19.41	35.07	26.5	19.0	20.63	17.71
J	24.73	19.97	36.08	27.8	22.2	20.23	19.82
A	24.61	20.18	36.45	27.1	22.4	20.69	19.74
S	23.63	19.97	36.08	24.9	21.2	20.22	19.79
0	20.03	20.31	36.69	22.2	18.0	20.42	20.16
N	17.36	20.54	37.10	18.8	17.0	20.94	20.38
D	14.84	19.35	34.96	17.0	11.2	20.48	18.28
Y-mean	17.77	19.39	35.03	27.8	7.5	20.94	16.40

Table A 1 - continued

1964

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	12.30	17.76	32.09	14.1	8.1	18.48	17.15
F	11.56	19.63	35.44	12.3	10.4	20.48	18.05
M	11.97	19.62	35.44	13.2	10.5	20.20	18.37
A	14.61	18.82	34.00	17.0	12.8	19.33	18.30
M	17.51	19.38	35.01	21.7	15.1	20.11	18.77
J	22.35	19.69	35.57	26.3	19.0	20.07	19.20
J	22.27	20.40	36.85	25.5	20.2	20.70	20.11
A	22.17	20.85	37.66	23.9	20.5	21.19	20.63
S	21.42	20.85	37.66	24.2	18.1	20.93	20.79
0	17.73	20.45	36.94	19.8	16.1	20.98	18.98
N	15.41	18.48	33.39	17.0	14.4	19.56	15.36
D	13.07	17.47	31.56	15.2	9.0	18.92	15.94
Y-mean	16.86	19.45	35.14	26.3	8.1	20.98	15.36

1965

J	12.52	18.71	33.80	13.8	10.5	19.87	16.24
F	10.71	20.04	36.20	13.1	9.1	20.48	19.43
M	11.25	17.86	32.27	13.4	8.8	19.89	13.70
A	13.48	18.39	33.22	15.6	11.6	20.07	16.87
M	16.29	18.44	33.31	19.5	14.3	19.45	16.87
J	20.90	18.97	34.27	27.4	17.8	19.74	18.21
J	23.78	19.87	35.90	26.2	21.2	20.36	19.38
A	23.59	20.15	36.40	27.2	20.9	20.71	19.86
S	21.13	20.10	36.31	22.6	20.5	20.36	19.76
0	19.84	20.63	37.27	22.2	18.1	20.89	20.27
N	17.25	20.58	37.18	18.7	15.5	20.88	19.75
D	14.10	19.66	35.51	15.8	12.8	20.23	18.45
Y-mean	17.32	19.45	35.05	27.4	8.8	20.89	13.70

Table A 1 - continued

1966

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	12.05	20.41	36.91	14.1	9.0	20.88	19.83
F	11.54	19.19	34.67	13.0	10.2	19.92	18.26
M	11.68	19.89	35.93	12.7	10.7	20.09	19.59
A	14.39	19.40	35.05	17.2	11.4	19.73	19.03
M	18.78	18.55	33.52	22.0	15.8	19.66	16.80
J	22.25	19.11	34.53	25.9	17.9	19.66	18.67
J	23.75	20.05	36.22	26.3	21.4	20.48	19.64
A	24.93	20.23	36.53	26.8	23.0	20.54	19.91
S	22.80	20.42	36.88	24.8	21.0	20.72	20.18
O	21.23	20.37	36.80	22.2	19.0	19.82	20.58
N	17.25	18.48	33.39	19.5	14.3	19.92	16.00
D	14.54	19.23	34.74	16.7	12.0	20.31	17.71
Y-mean	17.93	19.64	35.48	26.8	9.0	20.88	16.00
			1967				
J	11.75	19.96	36.06	14.0	10.0	20.34	19.35
F	11.13	18.30	33.06	12.7	10.0	18.74	17.95
M	11.82	19.62	35.44	13.0	10.0	20.54	18.48
A	12.94	19.80	35.77	15.3	11.8	20.25	19.43
M	16.97	19.42	35.08	21.0	13.8	19.93	18.27
J	20.69	18.90	34.14	26.9	18.0	19.88	15.19
J	23.96	20.36	36.78	26.5	21.0	20.88	19.92
A	24.95	20.18	36.45	27.6	22.3	20.63	19.77
S	22.66	20.42	36.89	24.4	21.2	20.63	20.25
O	21.30	20.45	36.94	23.0	19.2	20.65	20.19
N	18.58	20.69	37.38	20.9	16.6	21.04	20.38
D	14.46	20.18	36.45	16.7	12.7	20.71	18.18
Y-mean	17.60	19.86	35.87	27.6	10.0	21.04	17.95

Table A 1 - continued

1968

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	11.30	20.49	37.01	12.7	10.1	20.57	20.29
F	10.84	20.81	37.59	11.6	9.3	20.50	19.91
M	11.65	19.97	36.08	14.8	10.2	21.07	17.81
A	15.31	19.25	34.78	19.0	12.5	20.43	18.35
M	18.43	20.21	36.51	21.5	17.0	20.66	19.42
J	22.10	20.09	36.29	24.9	20.0	20.22	19.85
J	23.82	20.69	37.38	27.3	20.5	21.52	20.15
A	22.58	20.78	37.54	23.9	21.2	21.12	20.30
S	21.40	20.61	37.23	23.4	20.2	20.97	20.16
0	19.12	20.07	36.26	20.6	17.0	20.97	19.09
N	16.18	19.79	35.75	17.6	13.3	20.70	18.65
D	13.02	18.93	34.20	14.7	10.8	19.29	18.61
Y-mean	17.15	20.14	36.39	27.3	9.3	21.52	17.81
			1969				
J	11.95	20.06	36.24	12.8	10.5	20.51	19.08
F	11.37	19.85	35.86	13.2	10.6	20.56	19.14
M	12.00	18.55	33.51	13.9	10.5	19.30	17.23
A	13.69	18.32	33.10	18.2	11.7	20.00	16.40
M	19.15	19.09	34.49	22.8	16.1	19.11	17.20
J	21.10	19.09	34.49	23.7	18.9	19.82	18.04
J	21.57	20.12	36.35	24.7	17.5	20.63	19.73
A	23.29	20.07	36.26	25.6	21.1	20.51	18.53
S	22.92	19.54	35.30	25.3	21.7	20.92	18.48
0	20.68	20.27	36.62	23.0	19.1	20.87	19.09
N	18.53	20.93	37.81	20.5	16.3	21.23	20.35
D	13.75	20.37	36.80	16.4	12.3	20.89	19.75
Y-mean	17.50	19.69	35.57	25.6	10.5	21.23	16.40

Table A 1 - continued

1 9 7 0

	Average temp. °C	Average Cl ‰	Average Sal ‰	Temp. Max °C	Temp. Min °C	Cl Max ‰	Cl Min ‰
J	11.98	18.92	34.18	13.4	10.4	19.70	17.81
F	11.58	19.40	35.04	12.6	10.2	19.87	18.72
M	11.35	18.91	34.16	12.6	10.3	19.99	17.58
A	13.69	18.32	33.11	16.5	11.4	20.06	17.99
M	16.04	18.55	33.51	18.6	13.8	19.08	17.66
J	20.88	19.29	34.84	25.7	16.7	19.72	18.30
J	22.97	19.93	36.00	26.1	20.4	20.41	19.00
A	23.50	20.17	36.43	26.0	22.0	20.41	19.73
S	22.45	20.40	36.85	25.7	19.6	21.05	19.87
0	18.83	20.73	37.44	20.5	17.4	20.91	20.61
N	16.36	20.81	37.59	17.9	11.2	21.27	20.57
D	14.44	20.30	36.66	15.6	12.8	20.53	19.68
Y-mean	17.00	19.64	35.48	26.1	10.2	21.27	17.58

T a b l e A 2

Hydrographic data collected for the Neretva Channel (Neretvanski kanal) region (Station 53, 53 a, 54, 54 a, 57, 58, 59, 60, 61, and 164)

Station 53

Temperature and salinity

Month	Year	Temperature (°C)		Salinity (‰)	
		Surface	Average for water column (55 m)	Surface	Average for water column (55 m)
Jan.	1965	19.48	19.46	38.39	38.41
Dec.	1965	17.10	17.09	38.03	38.31
Jan.	1966	12.76	12.91	37.68	38.01
Feb.	1966	12.40	12.46	37.65	37.79
March	1966	11.81	12.71	36.60	37.73
April	1966	15.24	14.71	37.43	37.81
June	1966	22.82	18.80	36.92	37.45
Aug.	1966	24.53	19.26	36.56	38.05
Average		17.01	15.92	37.40	37.94

Station 53 a

Mean values of temperature and salinity in years 1966, 1967, 1968 (depth of Station 45 m)

Month	Temperature (°C)	Salinity (‰)
Jan.	12.48	37.97
Feb.	12.04	37.97
March	12.37	38.02
April	13.76	38.11
May	16.03	37.16
June	18.57	37.95
July	18.32	37.92
Aug.	19.07	37.62
Sept.	20.27	38.20
Oct.	20.05	38.25
Nov.	19.09	38.27
Dec.	15.93	38.09
Average	16.53	37.96

T a b l e A 2 - continued

Station 54

Mean values for temperature and salinity

Depth (m)	Temperature (°C)				Salinity (‰)			
	1966 y.	1967 y.	1968 y.	Average	1966 y.	1967 y.	1968 y.	Average
0	16.99	18.33	17.65	17.82	30.97	34.39	31.49	32.28
10	19.07	16.27	16.59	17.31	37.67	37.50	37.94	37.70
20	16.57	15.73	15.34	15.88		38.02	38.32	38.17
35	16.16	15.10	14.59	15.28	38.10	38.21	38.43	38.25
Average	17.19	16.48	16.04	16.57	35.58	37.03	36.55	36.60

Station 54

Mean values of temperature and salinity in years 1965 - 1969 (depth of the Station is 35 m)

Month	Temperature (°C)	Salinity (‰)
Jan.	12.45	36.27
Feb.	11.94	36.70
March	12.24	35.19
April	14.36	34.48
May	16.07	33.97
June	18.87	36.74
July	19.21	37.12
Aug.	19.54	36.98
Sept.	19.81	37.52
Oct.	20.06	37.47
Nov.	18.81	36.88
Dec.	15.60	36.17
Average	16.58	36.29

T a b l e A 2 - continued

Station 54 a

Temperature and salinity mean values of sea water in years 1966 - 1969 (Depth of Station is 35)

Month	Temperature (°C)	Salinity (‰)
Jan.	11.68	37.38
Feb.	11.71	37.11
March	12.45	35.70
April	14.01	36.03
May	16.57	34.61
June	19.31	35.08
July	20.46	33.35
Aug.	20.51	36.17
Sept.	20.47	37.96
Oct.	20.17	37.95
Nov.	18.50	31.37
Dec.	15.48	38.05
Average	16.78	35.89

Station 57

The Averages of Sea Water Temperature and Salinity (Depth of the Station is 10 m)

Date	Temperature (°C)	Salinity (‰)
1970		
12. June	17.67	37.79
13. June	18.62	33.02
14. June	18.50	33.84
17. June	19.74	34.40
Average	18.62	34.76

Station 58

Temperature and salinities 1967 - 1968 (depth of the Station is 14 m)

Month	Temperature (°C)	Salinity (‰)
1967		
Feb.	11.68	37.11
April	13.06	37.19
June	16.58	36.79
July	21.72	33.30

T a b l e A 2 - continued

Station 58 - continued

Month	Temperature (°C)	Salinity (‰)
Sept.	21.40	37.57
Nov.	17.98	37.49
1968		
Jan.	11.43	36.26
March	10.31	34.00
June	15.66	33.85

Note: The Average for the interval Feb. 1967 - March 1968 are 15.52 °C and 36.53 ‰ Sal

Station 58

Average contents of oxygen, free-phosphate, and total-phosphorus 1967 - 1968 (depth of the station is 14 m)

Depth (m)	O_2 ml/l	P-PO_4 mg/t	P-tot mg/t
0	5.97	1.6	6.0
5	5.93	1.8	4.7
10	5.89	(2.9)	(4.3)
14	5.67	1.0	4.9
Average	5.87	1.5	5.2

Station 59

Temperature and salinity on June 16th 1970 (depth of the Station is 10 m)

Depth (m)	Temperature (°C)	Salinity (‰)
0	21.08	33.77
2	19.87	34.67
5	18.27	37.05
10	17.36	37.12
Average	19.15	35.65

T a b l e A 2 - continued

Station 60

Mean values of temperature and salinity in 1967 - 1968 (depth of the Station is 7 m)

Month	Temperature (°C)	Salinity (‰)
1967		
Feb.	11.39	34.08
April	13.75	34.55
June	17.04	36.26
July	24.95	31.42
Sept.	21.30	36.52
Nov.	17.79	37.00
1968		
Jan.	12.25	34.99
Average	16.92	34.97

Station 61

Mean values of temperature and salinity in 1967 - 1968 (depth of the Station is 9 m)

Month	Temperature (°C)	Salinity (‰)
1967		
Feb.	11.21	34.20
April	14.95	34.99
June	18.43	35.14
July	24.13	32.23
Sept.	21.72	35.90
Nov.	15.97	37.41
1968		
Jan.	8.07	34.14
March	9.46	35.96
Average	15.43	35.00

Station 164

Mean values of temperature and salinity (depth of the Station is 30 m)

Month	Temperature (°C)	Salinity (‰)
Sept. 1966	21.17	34.92
April 1967	12.19	33.68
Oct. 1967	21.85	35.49

ANNEX II

Explanation of tables

Besides being marked with a number (which is also entered in the Charts I - IV) and a bracketed cipher, each station is also identified by its name and geographical position. The bracketed ciphers help us locate the stations with a 0.5^{0} accuracy. The cipher can be easily determined by net-map (Chart V), where the surface of every square degree is marked by a number (0 - 30), each of them being subdivided into four quarters (1 - 4). The number of the corresponding quarter is the last figure. Thus the cipher 14 indicates that the station marked with that number is to be found ind the fourth quarter of the square No. 1, while the cipher 173 locates the station marked with that number in the third quarter of the square No. 17.

The stations are named after the nearest sound or land area in order to facilitate their location in the map and to make use of data generally easy. The geographical position of the stations lying in the inshore waters (sounds and the like) is given with a 1' accuracy. As regards the open sea area, it is not excluded that larger deviations from the marked geographical positions occurred on some visits to a station. In cases where the authors were able to ascertain that the occuring deviations were of no essential consequence for the continuity and comparablenes of the collected data, they considered such differing geographical positions as belonging to one station.

Each set of data covering a station is denoted by the following particulars contained in the first line: date of data collecting; time at which work was begun and (usually) finished; recorded depth at the station, showing variances during different visits to the same station.

The data, given for each depth separately, are arranged either in one or in two lines. Both lines correspond to the denotations heading the tables which also contain two lines where required.

The hydrographic data covering each station visit are followed by two lines consisting of ciphers denoting meteorological data in this way:

1st Line : the state of the sea water (0 - 9); transparency of the sea water measured with a Secchi disc (ϕ = 50 cm); horizontal visibility (0 - 2); cloudiness and type of clouds; wind direction and velocity; atmospheric pressure in mb.

Exceptionally these data are sometimes continued to the right side of the new line (in the case there are three lines of meteorological data).

2nd Line : dry thermometer temperature (^{o}C); wet thermometer temperature (^{o}C); water-vapour pressure in mb; relative moisture in %.

A dash (-) means that the corresponding data are not available. Where there is only one line containing meteorological data, it means that the second line (or sometimes the third one) was omitted owing to the unavailability of temperature values.

T u m a č t a b l i c a

Za svaku postaju je na početku označen broj (unesen i u kartu, Karta I-IV), šifra u zagradama, ime (ako ga ima) i geografski položaj. Šifra daje orijentacioni smještaj postaje na točnost 0,5°. Ona se može lako odrediti pomoću priložene mrežne karte (Karta V), gdje je površina svakog kvadratnog stupnja odredjena jednim brojem (0 - 30), a svaki kvadratni stupanj je podijeljen u četiri manja odsjeka od četvrtine kvadratnog stupnja, koji su označeni od 1 - 4 (poslijednje znamenke u šifri). Tako na pr. šifra 14 označava da se postaja nalazi u 4. odsjeku kvadranta br. 1, a šifra 173 da se nalazi u 3. odsjeku kvadrata br. 17.

Ime postaje je dato prema nazivu kanala ili prema najbližem kopnenom položaju zbog eventualnog lakšeg nalaženja postaje na karti i lakšeg korištenja podataka uopće. Geografski položaj je dat na tačnost od 1' u obalnom području (kanali i sl.). Kada se radi o otvorenom moru, lako je moguće da je u različitim datumima učinjeno i veće odstupanje od naznačene geografske pozicije. Ipak se to tretira kao jedna postaja gdje smo ocijenili da to odstupanje nije bitno po kontinuitet i usporedjivanje podataka.

Za svaki niz podataka sa jedne postaje u prvom retku je označen datum uzimanja, vrijeme rada (početak, a obično i svršetak) i dubina na postaji, koja se nešto mijenja prilikom dolaska na postaju u različitim datumima.

Podaci za svaku dubinu su svrstani u jedan ili dva reda. Ova dva reda odgovaraju oznakama u glavi tablice na svakoj strani, koje su takodjer donesene po potrebi u dva reda.

Na kraju hidrografskih podataka za svaki izlazak takodjer su u dva reda donesene šifre koje se odnose na meteorološke podatke i to na slijedeći način: u prvom redu su stanje mora (0 - 9); prozirnost mora mjerena Secchijevom pločom (Ø = 50 sm) u m; horizontalna vidljivost (0 - 2); naoblaka i vrsta oblaka; smjer i brzina vjetra; barometarski tlak u mb. Iznimno su nekad ovi podaci produženi i na desnu stranu slijedećeg retka (u tom slučaju postoje tri retka meteoroloških podataka). U drugom redu su temperatura suhog termometra (°C); temperatura mokrog termometra (°C); tlak vodene pare u mb; relativna vlaga u %.

Znak(-) označava da nema podataka. Ukoliko postoji samo jedan red meteoroloških podataka, znači da nedostaju podaci za temperaturu, pa je stoga ispušten drugi red.

1 (114) ROGOZNICA
43°29'N 15°43'E

25.11.1967. 1045-1150 201 m

m	t°C	Cl‰	Sal‰	σt
0	17.85	21.35	38.57	28.05
10	17.89	21.39	38.64	28.10
20	17.89	21.40	38.66	28.11
30	17.99	21.43	38.71	28.13
50	17.90	21.46	38.77	28.19
75	17.85	21.46	38.77	28.20
100	16.42	21.45	38.75	28.54
150	16.46	21.41	38.68	28.48
175	13.75	21.38	38.62	29.05

2; 27 m; 2; 0; NE 10 m/sec; 1021
11.4; 7.4; 7,6; 57 %

23. 4.1968. 1528-1640 193 m

m	t°C	Cl‰	Sal‰	σt
0	17.00	21.11	38.13	27.93
10	15.41	21.35	38.57	28.65
20	14.44	21.32	38.51	28.81
30	14.42	21.36	38.57	28.87
50	14.34	21.36	38.58	28.90
75	13.87	21.28	38.44	28.89
100	13.50	21.34	38.55	29.05
150	12.58	21.36	38.58	29.27
175	12.22	21.27	38.42	29.23

1; 17 m; 2; 0; SW 2; 1018;
18.1; 15.8; 16.4; 78 %

11.10.1968. 1540-1650

m	t°C	Cl‰	Sal‰	σt
0	19.99	21.07	38.06	27.12
10	19.77	21.37	38.60	27.59
20	19.50	21.47	38.78	27.80
30	17.07	21.48	38.80	28.42
50	15.69	21.54	38.91	28.85
75	15.07	21.54	38.91	28.99
100	14.54	21.46	38.77	29.00
175	13.48	21.42	38.60	29.16

2; -; 1; 0; NW 5 m/sec; 1017
20.6; 18.2; 19.3; 80 %

4. 3.1968. 1020-1200 201 m

m	t°C	Cl‰	Sal‰	σt
0	12.70	21.43	38.71	29.35
10	12.66	21.44	38.73	29.36
20	12.56	21.45	38.75	29.41
30	12.76	21.45	38.75	29.36
50	12.66	21.44	38.73	29.37
75	12.68	21.44	38.73	29.37
100	12.83	21.45	38.75	29.34
150	12.85	21.45	38.75	29.34
175	12.58	21.46	38.77	29.42

1; 19 m; 2; 10/10 Ac; NNW 1 m/sec; 1021
7.0; 2.9; 4.9; 49 %

5. 8.1968. 0822-0945 190 m

m	t°C	Cl‰	Sal‰	σt
0	21.55	21.18	38.26	26.84
10	21.26	21.29	38.46	27.07
20	17.42	21.47	38.78	28.32
30	16.91	21.49	38.82	28.48
50	15.51	21.55	38.93	28.90
75	14.88	21.57	38.96	29.07
100	14.29	21.57	38.96	29.20
150		21.58	38.98	
175	11.98	21.44	38.73	29.50

1; 18 m; 1; 0; NE 2 m/sec; 1003
23.0; 20.2; 21.9; 78 %

27.12.1968. 1500-1600 195 m

m	t°C	Cl‰	Sal‰	σt
0	15.20	21.31	38.49	28.63
10	15.30	21.34	38.55	28.65
20	15.76	21.36	38.58	28.57
30	15.78	21.37	38.60	28.58
50	15.70	21.38	38.62	28.62
75	15.58	21.39	38.64	28.66
100	15.48	21.39	38.64	28.69
150	14.78	21.41	38.68	28.87
175	13.92	21.44	38.73	29.10

2; -; 2; 1/10 CS; NE 6 m/sec; 1001
7.2; 2.4; 4.0; 40 %

28. 1.1969. 1410-1510 200 m

m	t°C	Cl‰	Sal‰	σt
0	13.33	21.34	38.55	29.09
10	13.50	21.38	38.62	29.10
20	13.84	21.42	38.69	29.09
30	13.80	21.43	38.71	29.11
50	13.83	21.47	38.78	29.16
75	13.82	21.53	38.89	29.25
100	13.85			
150	13.87	21.53	38.89	29.24
175	13.91	21.57	38.96	29.28

1; -; 2; 8/10 Sc; N 3 m/sec; 1022
11.0; 8.0; 8.7; 66 %

28. 3.1969. 1700-1750 195 m

m	t°C	Cl‰	Sal‰	σt
0	12.63	20.66	38.32	28.29
10	12.83	20.79	38.56	28.42
20	13.72	21.29	38.46	28.94
30	14.09	21.39	38.64	28.99
50	(14.00)	21.40	38.66	(29.03)
75	13.91	21.41	38.68	29.06
100	13.62	21.43	38.71	29.15
150	13.30	21.45	38.75	29.25
175	12.54	21.45	38.75	29.41

3; -; 10/10 As; N 8 m/sec; 1002
9.2; 6.3; 7.7; 67 %

2 (113) JABUKA
43°16'N 15°24'E

29. 5.1969. 1031-1135 195 m

m	t°C	Cl‰	Sal‰	σt
0	19.85	20.55	37.12	26.44
10	18.48	20.68	37.36	26.98
20	18.81	20.99	37.92	27.33
30	18.44	21.25	38.39	27.78
50	15.86	21.41	38.68	28.63
75	14.85	21.47	38.78	28.93
100	14.34	21.43	38.71	28.99
150	13.61	21.43	38.71	29.16
175	11.70	21.42	38.69	29.53

1; -; -; Cu 2/10; S 4 m/sec; 1012
20.0; 18.0; 19.3; 83 %

2. 3.1969. 1020-1140 183 m

m	t°C	Cl‰	Sal‰	σt
0	13.60	21.34	38.55	29.03
10	13.64	21.53	38.89	29.28
20	13.70	21.54	38.91	29.29
30	13.73	21.52	38.87	29.25
50	13.68	21.53	38.89	29.28
75	13.69	21.55	38.93	29.30
100	13.42	21.54	38.91	29.34
150	13.54	21.54	38.91	29.53
175	11.78	21.54	38.91	29.69

2; -; 1; 9/10 Sc; N 3 m/sec; 1012
10.4; 7.6; 7.9; 59 %

22. 7.1969. 1545-1635 195 m

m	t°C	Cl‰	Sal‰	σt
0	21.15	21.07	38.06	26.80
10	19.80	21.18	38.26	27.32
20	17.36	21.32	38.51	28.13
30	16.94	21.40	38.66	28.35
50	15.53	21.46	38.77	28.77
75	14.86	21.55	38.93	29.05
100	14.28	21.56	38.95	29.19
150	11.80	21.47	38.80	29.60
175	11.20	21.51	38.86	29.76

1; -; 0; N 6 m/sec; 1009
22.8; 21.0; 23.7; 85 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

3 (113) JABUČKA KOTLINA

43°04'N 15°06'E

13. 6.1966. 1305-1400 268 m

0	22.52	21.25	38.39	26.65	5.42	5.01	108.3	0.5	9.2
10	18.91	21.23	38.35	27.63	5.69	5.33	106.8	0.7	7.4
20	18.32	21.27	38.42	27.82	5.55	5.38	103.4	2.2	
30	17.27	21.32	38.51	28.15	5.47	5.48	99.8	1.0	9.7
50	14.59	21.35	38.57	28.83	5.78	5.72	101.5	0.4	
75	13.75	21.36	38.58	29.02	5.47	5.81	94.2	1.1	
100	13.15	21.36	38.58	29.15	5.37	5.87	91.4	0.5	
150	12.27	21.36	38.58	29.33	5.27	5.97	88.2	0.5	
200	11.75	21.27	38.42	29.31	5.12	6.03	84.7	0.7	
260	11.40	21.23	38.35	29.32	5.10	6.08	83.8	1.3	

1; 29 m; -; 8/10 Ci,Cu; SW 2 m/sec; 1006

24.7; 20.2; 20.8; 66 %

12. 9.1966. 1200-1305 264 m

0	26.46	21.19	38.28	25.38	5.43	4.68	116.0	2.3	5.1
10	24.10	21.27	38.42	26.23	5.64	4.87	115.7	1.9	3.8
20	23.72	21.31	38.49	26.37	5.83	4.99	117.0	1.0	3.3
30	19.54	21.33	38.53	27.60	6.38	5.27	121.2	2.2	5.4
50	15.82	21.33	38.53	28.53	6.39	5.61	114.1	2.0	6.6
75	15.06	21.37	38.60	28.75	6.02	5.68	105.8	2.3	8.5
100	14.69	21.38	38.62	28.85	5.73	5.72	100.1	1.0	4.9
150	12.87	21.38	38.62	29.24	5.90	5.91	100.1	1.0	2.0
200	11.93	21.38	38.62	29.42	5.62	6.00	93.7	2.8	7.3
260	11.63	21.40	38.66	29.52	5.48	6.04	90.8	1.8	12.5

-; 31 m; -; -; -; 1022

24.9; 22.4; 25.4; 80 %

17.12.1966. 1145-1245 266 m

0	14.92	21.22	38.33	28.58	5.71	5.71	100.0	2.9	
10	14.76	21.22	38.33	28.61	5.97	5.73	104.2	2.0	6.7
20	14.76	21.24	38.37	28.64	5.95	5.73	103.9	1.8	7.8
30	14.80	21.24	38.37	28.63	5.91	5.72	103.4	3.2	
50	14.80	21.27	38.42	28.67	6.00	5.72	105.2	1.3	5.7
75	14.88	21.30	38.48	28.70	6.04	5.71	105.5	0.4	1.8
100	14.66	21.40	38.66	28.89	5.49	5.72	96.2		
150	13.18	21.32	38.51	29.08	5.61	5.87	95.7	0.0	6.3
200	12.42	21.26	38.40	29.17	5.79	5.96	97.2	3.7	8.0
260	12.02	21.15	38.21	29.16	5.24	6.01	87.1	0.5	11.4

2; 22 m; 2; 8/10 Cs,Cu; NW 6 m/sec; 1027

11.2; 7.8; 8.3; 62 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
27. 6.1967. 1640-1745 264 m									
0	25.74	21.21	38.31	25.63	5.30	4.72	112.3	3.8	
10	19.50	21.33	38.53	27.60	5.27	5.25	100.6		
20	16.40	21.34	38.55	28.40	5.88	5.55	106.0	4.6	3.9
30	16.60	21.39	38.64	28.42	5.76	5.53	104.1	4.3	5.4
50	13.92	21.42	38.69	29.07	5.58	5.79	96.5	4.2	
75	13.26	21.43	38.71	29.23	5.52	5.86	94.2	2.5	8.0
100	12.90	21.45	38.75	29.33	5.39	5.90	91.4	3.1	7.4
150	12.55	21.43	38.71	29.38	5.33	5.94	89.9	2.8	
200	11.92	21.35	38.57	29.40	5.10	6.00	85.1	3.4	2.1
258	11.75	21.33	38.53	29.40	5.06	6.03	83.9	3.4	1.4
-; 28 m; 1; 1 Ci; -; 1020									
25.8; 21.2; 22.1; 66 %									
12. 9.1967. 0945-1047 265 m									
0	23.09	21.14	38.19	26.34	5.24	4.96	105.7	3.1	0.6
10	23.03	21.14	38.19	26.36	5.46	4.96	110.0	4.3	7.9
20	22.95	21.16	38.22	26.41	5.53	4.97	111.3	2.7	
30	16.90	21.22	38.33	28.11	5.60	5.51	101.6	2.9	0.7
50	15.30	21.24	38.37	28.52	5.26	5.66	92.9		1.8
75	14.83	21.30	38.48	28.70	5.57	5.71	97.4	4.3	4.0
100	14.45	21.32	38.51	28.82	5.45	5.74	95.0	3.6	1.0
150	12.90	21.33	38.53	29.17	5.56	5.90	94.4		0.0
200	12.25	21.21	38.31	29.13	5.05	5.98	84.5	4.7	
260	11.84	21.21	38.31	29.21	5.07	6.03	84.3		2.4
3; 25 m; 1; 10/10 As,Ac; NW 4 m/sec; 1008									
18.4; 15.6; 15.9; 75 %									
18.12.1967. 1246-1340									
0	15.65	21.39	38.64	28.65	5.64	5.64	100.0	2.7	
10	15.65	21.42	38.69	28.69	5.48	5.63	97.4	0.0	
20	15.65	21.46	38.77	28.75	5.47	5.62	97.3	1.6	
30	15.56	21.47	38.78	28.78	5.55	5.63	98.7	0.6	
50	15.52	21.47	38.78	28.78	5.54	5.63	98.7	1.1	
75	15.06	21.46	38.77	28.89	5.63	5.67	99.3	2.9	
100	14.90	21.48	38.80	28.94	5.36	5.69	94.4	1.7	
150	13.30	21.37	38.60	29.14	5.27	5.87	89.7	4.4	
200	12.17	21.31	38.49	29.28	5.10	5.99	85.3	0.8	
260	11.96	21.27	38.42	29.28	5.03	6.02	83.6	2.5	
2; 25 m; 2; 8/10 Ac,Cu,St; -; 1020									
11.7; 7.8; 7.8; 57 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
18. 3.1968. 1221-1325 265 m									
0	13.79	21.41	38.68	29.09	5.65	5.81	97.3	4.2	5.1
10	12.96	21.42	38.69	29.27	5.67	5.89	96.2	0.8	3.5
20	12.80	21.44	38.73	29.34	5.72	5.91	96.6	0.0	2.9
30	12.65	21.44	38.73	29.37	5.62	5.93	94.8	4.6	5.0
50	12.66	21.43	38.71	29.35	5.62	5.94	94.6	1.1	3.0
75	12.64	21.43	38.71	29.35	5.68	5.94	94.6	1.2	0.0
100	12.60	21.41	38.68	29.34	5.81	5.93	98.0	1.8	6.7
150	12.60	21.41	38.68	29.34	5.74	5.93	96.8	1.6	4.0
200	12.42	21.37	38.60	29.33	5.63	5.96	94.6	2.4	5.5
260	10.74	21.36	38.58	29.61	5.53	6.14	90.2	1.5	4.6
-; 25 m; 1; -; -; 1016									
15.2; 12.2; 12.3; 71 %									
14.12.1968. 1307-1440 264 m									
0	14.85	21.36	38.58	28.78	5.80	5.72	101.6	1.3	3.0
10	14.87	21.37	38.60	28.80	5.98	5.72	105.0		
20	14.90	21.38	38.62	28.80	5.78	5.71	101.4	1.5	1.5
30	14.90	21.40	38.65	28.83	5.86	5.70	102.8		
50	14.90	21.42	38.69	28.86	5.77	5.70	101.3	0.0	0.5
75	14.94	21.44	38.73	28.88	5.63	5.69	99.2		
100	13.97	21.46	38.77	29.12	5.54	5.79	95.6	2.3	6.7
150	12.10	21.40	38.66	29.44	5.46	5.98	91.2		
200	11.30	21.37	38.60	29.54	5.14	6.08	84.6	3.2	4.9
260	11.18	21.33	38.53	29.54	5.18	6.09	85.2	2.0	2.6
3; 24 m; 1; 10/10 Ac,Cs; N 3 m/sec; 1006									
9.2; 7.0; 8.5; 73 %									
25. 4.1969. 1350-1355 270 m									
0		21.50	38.84						
10		21.45	38.75						
20		21.53	38.89						
30		21.53	38.89						
50		21.55	38.93						
75		21.54	38.91						
100		21.55	38.93						
150		21.55	38.93						
200		21.54	38.91						
260		21.50	38.84						
1; 24 m; 1; -; SE 3 m/sec; 1015									
15.8; 14.9; 16.1; 90 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
23. 9.1968. 1220-1330 265 m									
0	21.57	21.38	38.62	27.10	5.03	5.08	98.9		7.5
10	21.15	21.38	38.62	27.22	5.42	5.12	105.9		
20	16.77	21.42	38.69	28.42	5.56	5.50	101.1		0.9
30	15.78	21.52	38.87	28.79	5.57	5.60	99.4		
50	15.03	21.52	38.87	28.97	5.62	5.67	99.1		7.1
75	14.70	21.52	38.87	29.04	5.18	5.71	90.7		
100	14.09	21.56	38.95	29.24	5.16	5.77	89.4	3.9	
150	12.47	21.52	38.87	29.51	5.25	5.94	88.4		
200	11.26	21.48	38.80	29.70	5.26	6.08	86.5	3.9	
260	11.00	21.48	38.80	29.74	4.87	6.11	79.6	4.6	
1; 30 m; 1; 6/10 Ac; NW 1 m/sec; 1005									
23.2; 20.4; 22.1; 78 %									
16. 6.1969. 1245-1355 270 m									
0	21.10	21.13	38.17	26.90	5.65	5.14	110.0	0.0	6.2
10	20.46	21.14	38.19	27.09	6.03	5.19	116.2		
20	18.46	21.34	38.55	27.89	5.54	5.37	103.7	1.9	7.8
30	16.22	21.42	38.68	28.54	5.39	5.57	96.7		
50	14.95	21.44	38.73	28.87	5.67	5.69	99.7	2.2	8.4
75	14.32	21.42	38.69	28.98	4.97	5.75	86.4		
100	13.36	21.42	38.69	29.20	5.74	5.86	97.9	1.7	5.4
150		21.43	38.71		4.89	6.04	80.9		
200		21.42	38.69		5.43	6.04	90.0	4.8	4.4
260	11.64	21.38	38.62	29.48	5.98	6.04	99.1	4.2	5.1
2-3; 24 m; 1; 3/10 Cs; NW 4 m/sec; 1007									
21.8; 18.2; 18.5; 83 %									
13. 8.1969. 0830-1015 230 m									
0	24.00	21.08	38.08	25.98					
10	23.48	21.12	38.15	26.19					
30	16.87	21.34	38.55	28.29					
75	14.84	21.44	38.73	28.90					
100	14.16	21.42	38.69	29.02					
200	11.17	21.38	38.62	29.58					
2; 28 m; 1; -; SE 3 m/sec; 1008									
24.8; 23.0; 26.9; 86 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

10.10.1969. 1630-1800 235 m

0	20.55	21.34	38.55	27.34
10	20.42	21.40	38.66	27.45
20	20.24	21.41	38.68	27.52
30	16.57	21.43	38.71	28.48
50	15.38	21.46	38.77	28.82
75	14.65	21.48	38.80	29.00
100	13.35	21.47	38.78	29.36
150	11.62	21.40	38.66	29.53
200	11.25	21.40	38.66	29.59
230	11.01	21.39	38.64	29.62

1; 28 m; 2; -; NW 2 m/sec; 1016

19.3; 15.8; 15.6; 69 %

9. 4.1970. 1301-1420 163 m

0	12.80	21.27	38.42	29.10	5.72	5.93	96.0	0.2	4.1
10	12.87	21.29	38.46	29.11	6.15	5.92	103.9	1.1	6.2
20	12.97	21.32	38.51	29.13	5.84	5.90	98.9	1.1	4.3
30	12.82	21.34	38.55	29.20	5.87	5.91	99.2	1.9	5.9
50	12.74	21.33	38.53	29.20	5.63	5.92	95.2	0.5	5.1
75	12.70	21.35	38.57	29.24	5.33	5.93	89.5	1.3	4.8
100	12.74	21.35	38.57	29.24	5.47	5.92	92.3	0.5	
150	12.25	21.39	38.64	29.38	5.88	5.97	98.4	0.1	9.6
200	11.75	21.39	38.64	29.48	4.97	6.02	82.6	1.5	
260	11.60	21.38	38.62	29.50	4.98	6.04	82.5	3.1	8.0

3; 22 m; 2; Cu,Ci,As 5/10; W 5 m/sec; 996

11.9; 9.3; 10.1; 74 %

30. 5.1970. 0710-0900 250 m

0	17.13	21.22	38.33	28.06
10	16.29	21.31	38.49	28.38
20	16.30	21.34	38.55	28.43
30	14.85	21.37	38.60	28.80
50	14.75	21.41	38.66	28.88
75	13.90	21.50	38.84	29.20
100	13.30	21.51	38.86	29.34
150	12.60	21.45	38.75	29.40
200	11.48			
230	11.47			

3; 24 m; 1; 6/10; SE 9 m/sec; 1012

17.2; 15.6; 16.7; 85 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / N-NH_4 mg/t	P-PO_4 mg/t / N-NO_2 mg/t	P-tot mg/t / N-NO_3 mg/t
24. 6.1970. 1506–1604 264 m									
0	24.14	20.99	37.92	25.82					
10	21.36	21.13	38.17	26.82					
20	17.60	21.18	38.26	27.88					
30	16.32	21.26	38.40	28.30					
50	14.88	21.28	38.44	28.66					
75	14.63	21.38	38.62	28.86					
100	14.12	21.39	38.64	28.99					
150	12.18	21.26	38.40	29.20					
200	12.10	21.28	38.44	29.26					
260	11.40	21.28	38.44	29.26					
1; 27 m; 1; -; SW 2 m/sec; 1016									
24.8; 21.0; 22.4; 71 %									
28. 7.1970. 0844–0955 263 m									
0	22.75	21.40	38.66	26.79					
10	22.44	21.41	38.68	26.90					
20	21.97	21.42	38.69	27.04					
30	16.80	21.43	38.71	28.42					
50	15.44	21.44	38.73	28.76					
75	14.78	21.45	38.75	28.93					
100	14.20	21.46	38.77	29.07					
150	13.48								
200	11.50	21.37	38.60	29.50					
260	11.28	21.36	38.58	29.52					
2; 33 m; 2; -; NW 3 m/sec; 1017									
22.6; 20.2; 22.1; 80 %									
6. 9.1970. 1005–1048 266 m									
0	23.58	21.25	38.39	26.34	4.81	4.92	97.8 58.1	3.0 0.29	2.4 4.90
10	23.24	21.26	38.40	26.46	4.81	4.95	97.4		
20	23.04	21.29	38.46	26.56	4.92	4.96	99.1 45.6	4.2 0.29	6.4 3.64
30	18.22	21.43	38.71	28.05	5.66	5.37	105.5		
50	15.88	21.44	38.73	28.68	5.43	5.60	97.0 48.2	4.2 0.38	6.4 29.4

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / $N\text{-}NH_4$ mg/t	P-PO_4 mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NO_3$ mg/t
75	15.02	21.54	38.91	29.00	5.25	5.67	92.6		
100	14.60	21.58	38.98	29.15	5.16	5.71	90.4	3.4	5.8
							16.5	1.74	29.4
150	12.50	21.28	38.44	29.18	5.31	5.69	89.1		
200	11.51								6.8
							56.0	0.22	86.1
260	11.38	21.24	38.37	29.34	4.86	6.09	79.9		2.9
							14.0	0.07	137.2

1; 25 m; 1 km; Ac 2/10; SE 3 m/sec; 1013

24.2; 22.2; 25.5; 84 %

5.10.1970. 1540-1640 263 m

0	20.10	21.32	38.51	27.43
10	19.86	21.44	38.73	27.66
20	19.80	21.34	38.55	27.54
30	19.66	21.35	38.57	27.59
50	16.06	21.37	38.60	28.52
75	15.04	21.38	38.62	28.77
100	14.40	21.39	38.64	28.93
150	11.90	21.24	38.37	29.24
200	11.55	21.29	38.46	29.38
260	11.40	21.29	38.46	29.42

1; 29 m; 2; 4/10 Cs; SW 1 m/sec; 1016

19.2; 14.2; 12.8; 58 %

5.11.1970. 1545-1645 264 m

0	17.62	21.33	38.53	28.08
10	17.64	21.35	38.57	28.11
20	16.82	21.35	38.57	28.32
30	16.78	21.36	38.58	28.34
50	16.04	21.37	38.60	28.52
75	15.92	21.38	38.62	28.57
100	15.72	21.40	38.66	28.63
150	15.34	21.40	38.66	28.73
200	11.96	21.40	38.66	29.46
260	11.54	21.39	38.64	29.52

-; 27 m; 1; 5/10 Ac,Cu; -; 1018

17.4; 15.2; 15.9; 80 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4mg/t	P-tot mg/t
							N-NO_3 mg/t	N-NO_2 mg/t	N-NH_4 mg/t
15.12.1970. 0935-1022 265 m									
0	16.11				5.29			2.0	8.2
							11.34	1.820	20.44
10	16.10				5.36				
20	16.07				5.28			2.7	4.7
							1.68	4.368	40.88
30	16.06				5.38				
50	15.71				5.45			1.4	4.7
							9.94	3.500	0.00
75	15.43				5.48				
100	15.08				5.24			4.0	
							16.8	2.800	41.58
150	13.00				5.17				
200	11.74				4.95			5.1	6.0
							92.4	2.380	3.50
260	11.69				4.62			2.5	10.2
							140.0	2.128	37.52

2; 23 m; 1; 10/10 Cu; E 6 m/sec; 1017

14.2; 11.0; 10.9; 68 %

3 a (113) JABUČKA KOTLINA

43°14'N 15°12'E

5.10.1965. 0835-1010 209 m

0	20.90	21.07	38.06	26.87
10	20.70	21.09	38.10	27.22
20	20.49	21.15	38.21	27.36
30	16.26	21.30	38.48	28.39
50	15.24	21.33	38.53	28.66
75	14.68	21.33	38.53	28.79
100	14.03	21.33	38.53	28.93
150	11.43	21.10	38.12	29.15
200	11.00	21.15	38.21	29.30

1; 25 m; 1; -; NW 2 m/sec; 1015

19.8; 19.1; 21.7; 94 %

6 (123) HRAČKI KANAL
43°26'N 16°24'E

2. 4.1965. 1226-1254 55 m

m	t°C	Cl‰	Sal‰	σt
0	12.01	20.58	37.18	28.30
10	11.84	20.60	37.21	28.36
20	11.84	20.79	37.56	28.62
30	11.90	20.81	37.59	28.65
50	12.36	21.05	38.03	28.88

1; 19 m; 2; -; W 3-4 m/sec; 1023
13.1; 6.9; 5.6; 37 %

14. 6.1965. 1920-1940 55 m

m	t°C	Cl‰	Sal‰	σt
0	19.88	19.38	35.01	24.82
10	18.84	20.65	37.30	26.83
20	18.10	21.06	38.04	27.59
30	15.00	21.08	38.08	28.36
50	13.60	21.12	38.15	28.72

-; 17 m; 1; 3/10 Cs,As; -; 1009
20.2; 16.2; 15.7; 67 %

15. 9.1965. 1630-1657 54 m

m	t°C	Cl‰	Sal‰	σt
0	21.28	20.18	36.45	25.53
10	21.56	20.83	37.66	26.38
20	21.64	20.89	37.74	26.43
30	20.24	21.03	37.99	27.00
50	14.24	21.10	38.12	28.56

1; 17 m; 2; -; WNW 4-5 m/sec; 1024
21.8; 18.0; 18.1; 69 %

9.11.1965. 1810-1840 54 m

m	t°C	Cl‰	Sal‰	σt
0	18.54	20.99	37.92	27.39
20	18.62	21.01	37.95	27.39
45	18.78	21.10	38.12	27.49

1; -; -; -; N 4-5 m/sec; 1020
15.2; -; -; -;

6.12.1965. 1150-1210 56 m

m	t°C	Cl‰	Sal‰	σt
0	16.08	20.87	37.70	27.81
10	16.14	20.87	37.70	27.80
20	16.18	21.05	38.03	27.92
30	17.10	21.08	38.08	27.87
50	17.18	21.25	38.39	28.09

3; -; -; 10 As,Ac,Cu; SE 5 m/sec; 1005
14.3; -; -; -;

17. 1.1966. 0840-0857 58 m

m	t°C	Cl‰	Sal‰	σt
0	12.74	21.00	37.94	28.74
20	13.06	21.05	38.03	28.74
40	13.24	21.11	38.13	28.79

-; 15 m; 1; 10/10 Ac,As; -; 1002
9.4; -; -; -;

19. 2.1966. 1525-1542 57 m

m	t°C	Cl‰	Sal‰	σt
0	12.38	20.59	37.19	28.24
20	12.40	20.94	37.83	28.72
45	12.59	21.07	38.06	28.87

2; 15 m; 1; 10/10 As,Ac,Cu; SE 6 m/sec; 1009
12.3; 10.4; 11.5; 80 %

21. 3.1966. 1712-1730 57 m

m	t°C	Cl‰	Sal‰	σt
0	11.72	20.60	37.21	28.39
20	12.37	20.85	37.66	28.60
45	13.42	21.29	38.46	29.00

3; 16 m; 1; 3/10 Cs; W 8 m/sec; 1015
10.6; 7.2; 7.9; 62 %

m	t°C	Cl‰	Sal‰	σt

31. 3.1966. 1030-1055 56 m

0	11.75	20.46	36.96	28.18
10	11.72	20.46	36.96	28.19
20	12.34	20.66	37.32	28.54
30	12.60	20.85	37.66	28.65
50	13.54	21.10	38.12	28.71

1; 20 m; 2; -; N 3 m/sec; 1012

9.4; 3.8; 4.3; 36 %

17. 6.1966. 1440-1503 57 m

0	22.72	18.88	34.11	23.36
10	19.55	20.05	36.22	26.83
20	16.42	20.73	37.45	27.54
30	15.44	20.77	37.52	27.83
50	13.75	21.08	38.08	28.63

3; 11 m; 1; 6/10 Ci,Ac,Cs; NW 6 m/sec; 1003

24.6; 20.7; 21.8; 70 %

26.12.1966. 1546-1605 57 m

0	15.24	20.77	37.52	27.88
10	15.52	20.91	37.77	28.00
20	15.62	20.96	37.86	28.25
30	15.98	21.16	38.22	28.25
50	15.95	21.18	38.26	28.28

1; 11 m; 2; -; N 3 m/sec; 1020

10.4; 4.8; 4.8; 39 %

5. 5.1966. 0900-0942 55 m

0	17.90	19.80	35.77	25.92
20	14.90	20.80	37.57	27.99
45	14.05	21.10	38.12	28.41

-; 16 m; 1; -; -; 1011

18.1; 14.2; 13.6; 65 %

14. 9.1966. 0645-0715 54 m

0	23.60	20.39	36.83	25.17
10	21.70	20.86	37.68	26.35
20	19.38	21.05	38.03	27.76
30	17.33	21.12	38.15	27.87
50	14.99	21.12	38.15	28.42

1; 20 m; -; -; NE 2 m/sec; 1015

22.9; 15.4; 12.5; 44 %

7 (123) SPLITSKA VRATA

43°20'N 16°24'E

2. 4.1965. 1152-1205 20 m

0	12.00	20.53	37.09	28.22
10	11.88	20.62	37.25	28.38
18	11.99	20.75	37.48	28.53

2; 18 m; 2; -; NW 5 m/sec; 1023

10.4; 4.9; 4.8; 38 %

14. 6.1965. 0946-1002 22 m

0	19.84	19.31	34.88	24.74
10	18.24	20.78	37.54	27.19
20	18.24	20.87	37.70	27.30

-; 17 m; 1; 7 Cs,Ac; -; 1010

21.4; 17.6; 17.6; 69 %

m	t°C	Cl‰	Sal‰	σt

15. 9.1965. 1545-1605 24 m

0	21.30	20.20	36.49	25.56
10	21.10	20.83	37.63	26.48
20	19.80	20.92	37.79	26.95

1; 16 m; 2; -; W 5 m/sec; 1023

22.8; 17.6; 16.7; 60 %

31. 3.1966. 0940-0955 24 m

0	11.73	20.55	37.12	28.31
10	11.74	20.55	37.12	28.31
20	11.80	20.56	37.14	28.31

1; 22 m; 2; -; N 4 m/sec; 1012

7.9; 3.7; 5.2; 48 %

13. 9.1966. 2145-2210

0	23.67	20.58	37.18	25.41
10	22.04	21.02	37.97	26.48
20	17.69	21.10	38.12	27.75

-; -; -; -; -; 1015

23.5; 20.4; 21.9; 75 %

20.12.1965. 1345-1407 23 m

0	16.04	20.92	37.79	27.89
10	15.50	20.98	37.90	28.10
20	15.38	21.19	38.28	28.42

1; 20 m; -; -; SE 1 m/sec; 1013

12.8; 11.4; 12.5; 85 %

17. 6.1966. 1340-1405 37 m

0	22.49	19.69	35.57	24.52
10	19.36	20.46	36.96	26.44
20	16.96	20.93	37.81	27.69

3; -; 1; 3/10 Ac,Cb; NNW 8 m/sec; 1002

23.2; 20.5; 22.3; 79 %

26.12.1966. 1445-1510 27 m

0	15.72	20.94	37.83	28.01
10	15.72	21.00	37.94	28.09
20	15.60	21.04	38.01	28.17

1; 12 m; 2; -; N 9 m/sec; 1020

10.6; 4.8; 4.7; 37 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

8 (123) PELEGRIN

43°12'N 16°19'E

19. 2.1965. 1255-1455 80 m

0	12.00	21.08	38.08	29.00	6.23	6.03	103.6	1.7	3.2
10	12.10	21.11	38.13	29.01	6.19	6.01	102.7	1.3	2.2
20	12.17	21.11	38.13	29.01	6.43	6.00	107.2	2.4	2.2
30	12.30	21.15	38.21	29.04	6.42	5.99	107.0	1.5	2.8
50	12.39	21.15	38.21	29.02	6.45	5.98	107.7	1.7	2.4
75	12.72	21.16	38.22	29.03	5.93	5.98	99.2	1.4	4.2

1; 22 m; 2; -; NE 2-3 m/sec; 1005

7.0; 2.4; 4.1; 42 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
2. 4.1965. 0920-1010 78 m									
0	12.46	20.94	37.83	28.71					
10	12.36	20.94	37.83	28.73					
20	12.25	20.95	37.84	28.76					
30	13.38	21.03	37.99	28.64					
50	12.96	21.04	38.01	28.75					
75	12.80	21.08	38.08	28.83					
1; 24 m; 2; -; N 2-3 m/sec; 1022									
10.2; 5.0; 5.2; 42 %									
15. 4.1965. 1015-1145 78 m									
0	13.82	20.76	37.50	28.18	5.92	5.85	101.3	0.6	6.2
10	13.54	20.81	37.59	28.31	5.92	5.87	100.6	0.4	3.8
20	13.48	20.83	37.63	28.36	5.94	5.88	101.0	0.8	3.0
30	13.62	21.00	37.94	28.56	6.01	5.85	102.8	0.0	4.6
50	12.88	21.09	38.10	28.84	5.80	5.93	97.8	0.6	4.0
75	12.90	21.10	38.12	28.85	5.65	5.93	95.5	1.8	4.8
1; 23 m; 2; 9 Ac; N 1 m/sec; 1014									
13.3; 9.0; 8.6; 57 %									
20. 5.1965. 1547-1700 78 m									
0	16.00	20.30	36.67	27.05	5.99	5.67	105.8	2.9	5.3
10	15.20	20.30	36.67	27.23	5.98	5.74	104.1	0.9	4.7
20	15.40	20.57	37.16	27.56	5.91	5.70	103.4	2.0	7.2
30	15.30	20.82	37.61	27.93	5.80	5.70	101.9	3.5	3.9
50	14.30	21.10	38.12	28.55	5.23	5.78	107.9	3.0	
75	12.71	21.11	38.13	28.91	5.74	5.94	96.6	2.6	5.8
0-1; 18 m; 2; 9 As; -; 1014									
18.4; 14.4; 13.7; 65 %									
14. 6.1965. 0735-0821 78 m									
0	19.34	20.47	36.98	26.47	5.60	5.34	88.4	2.7	4.4
10	18.72	20.67	37.34	26.90	5.63	5.38	104.5	2.3	2.7
20	18.70	21.01	37.96	27.38	5.57	5.37	103.7	0.7	3.4
30	17.57	21.11	38.13	27.79	6.27	5.46	115.0	2.4	1.6
50	13.90	21.13	38.17	28.68	5.83	5.81	100.3	1.2	2.6
75	13.00	21.19	38.28	28.94	5.66	5.90	96.0	1.4	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

-; 26 m; 1; 3 Cs,Cu; -; 1009

19.1; 15.6; 15.4; 70 %

16. 7.1965. 0635-0810 78 m

0	22.76	20.76	37.50	25.91	5.28	5.01	105.4	1.1	
10	21.44	20.78	37.54	26.32	5.01	5.14	97.4	1.1	
20	18.02	21.19	38.28	27.80	5.52	5.41	102.1	1.9	
30	16.07	21.26	38.40	28.36	5.78	5.59	103.4	1.6	
50	14.53	21.26	38.40	28.72	5.44	5.74	94.7	2.8	
75	14.34	21.31	38.49	28.82	5.11	5.76	88.6	2.4	

1; 28 m; 1; -; SE 3 m/sec; 1008

24.4; 22.4; 25.7; 84 %

10. 8.1965. 1530-1705 79 m

0	25.10	21.10	38.12	25.69	4.96	4.79	100.4		7.9
10	23.72	21.14	38.19	26.15	4.82	4.92	98.2	0.9	7.1
20	18.26	21.35	38.57	27.96	5.55	5.38	103.2		3.9
30	16.14	21.50	38.84	28.69	5.67	5.57	101.7	2.3	3.4
50	15.18	21.50	38.84	28.91	5.25	5.66	92.7	0.9	3.4
75	14.76	21.50	38.84	29.00	6.95	5.71	121.7		

1; 26 m; 2; -; SE 3 m/sec; 1014

25.2; 22.2; 24.8; 77 %

15. 9.1965. 1351-1425 79 m

0	21.32	20.99	37.92	26.65	4.93	5.13	95.9	1.0	
10	21.08	21.17	38.24	26.96	4.92	5.14	95.7	4.1	
20	21.54	21.33	38.53	27.12	5.03	5.08	99.0	1.4	
30	19.34	21.36	38.58	27.69	5.27	5.27	100.0	3.8	
50	15.75	21.47	38.78	28.73	5.52	5.60	98.4	1.7	
75	15.05	21.50	38.84	28.94	5.08	5.67	89.7	2.2	

1; 24 m; 2; 1 Cu; NW 2-3 m/sec; 1015

20.6; 17.6; 18.1; 75 %

14.10.1965 1445-1605 77 m

0	20.90	20.96	37.86	26.72	5.13	5.14	99.7
10	20.86	21.02	37.97	26.81	5.12	5.15	99.3
20	20.86	21.04	38.01	26.84	5.16	5.15	100.1
30	20.80	21.08	38.08	26.91	5.25	5.15	102.0

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
50	17.60	21.13	38.17	27.82	5.63	5.44	103.3		
75	15.18	21.14	38.19	28.41	5.28	5.68	93.0		

1; 26 m; 1; 1 Cs; N 3-4 m/sec; 1015.5

19.2; 15.2; 14.7; 66 %

18.12.1965. 1045-1130 79 m

0	15.38	21.05	38.03	28.24	5.81	5.67	102.5	1.3	0.4
10	15.44	21.06	38.04	28.24	5.33	5.67	94.0	0.4	0.0
20	15.54	21.15	38.21	28.34	5.52	5.65	97.6	0.0	1.5
30	15.90	21.23	38.35	28.37	5.77	5.61	102.9	0.3	0.9
50	15.94	21.23	38.35	28.36	5.31	5.60	94.7	0.0	1.8
75	16.06	21.30	38.42	28.42	5.47	5.59	97.7	0.5	1.2

2; 18 m; 1; 8/10 Cs,Ac,Cu; SE 5 m/sec; 1016

13.4; 11.8; 12.8; 83 %

20. 1.1966. 1400-1447 78 m

0	12.88	21.03	37.99	28.73	5.95	5.93	100.3	4.9	
10	12.92	21.08	38.08	28.81	6.23	5.93	105.2	3.1	8.2
20	12.94	21.09	38.10	28.82	5.75	5.93	97.0	1.9	8.2
30	12.94	21.12	38.15	28.86	5.73	5.92	96.8	4.9	9.0
50	13.08	21.15	38.21	28.87	5.71	5.90	96.7	1.8	9.4
75	13.12	21.15	38.21	28.87	5.66	5.89	96.3	2.1	[illegible]

1-3; 21 m; 1; 5/10 Cs; NW 5 m/sec; 1002

4.1; 1.7; 5.2; 65 %

25. 2.1966. 1247-1337 78 m

0	12.44	20.14	36.38	27.60	6.33	6.05	104.7
10	12.22	20.43	36.91	28.05	6.59	6.04	109.2
20	12.65	20.60	37.21	28.20	6.34	5.98	106.0
30	12.62	20.66	37.32	28.30	6.82	5.98	113.8
50	12.56	20.91	37.77	28.64	6.30	5.97	105.5
75	12.60	21.14	38.19	28.96	6.88	5.95	115.8

-; 15 m; 2; 8 Cs; W 2 m/sec; 1016

13.2; 8.0; 7.2; 48 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
23. 3.1966. 1237-1315 78 m									
0	12.10	20.54	37.10	28.22	5.92	6.05	97.7	1.4	5.6
10	12.06	20.64	37.29	28.38	6.74	6.05	111.3	1.3	
20	11.96	20.73	37.45	28.52	6.46	6.06	106.6	2.1	5.0
30	11.98	20.75	37.48	28.53	6.80	6.05	112.3	0.4	7.2
50	13.62	21.19	38.28	28.89	6.64	5.84	113.7	0.2	8.5
75	13.70	21.31	38.49	28.96	6.30	5.82	108.4	0.0	
2; 21 m; 1; 9/10 As,Ci; E 5 m/sec; 1011									
12.3; 9.4; 9.8; 69 %									
19. 4.1966. 1307-1430 80 m									
0	14.88	20.99	37.92	28.26	6.13	5.72	107.3	0.9	5.4
10	14.52	21.05	38.03	28.44	6.18	5.75	107.4	1.9	4.2
20	14.50	21.08	38.08	28.47	5.88	5.75	102.4	0.3	2.7
30	14.50	21.13	38.17	28.54	5.90	5.75	102.6	1.3	1.8
50	14.32	21.14	38.19	28.60	6.04	5.77	104.6		6.0
75	14.10	21.33	38.53	28.91	5.47	5.78	94.6	1.3	3.0
1; 24 m; 2; 5/10 Cs,Cu; S 4 m/sec; 1006									
17.0; 13.0; 12.3; 64 %									
24. 5.1966. 1806-1920 79 m									
0	20.10	20.63	37.27	26.49	5.38	5.27	102.1	2.5	4.1
10	16.88	20.69	37.38	27.40	5.96	5.56	107.3		3.8
20	16.38	20.98	37.90	27.91	6.36	5.58	114.0	3.8	1.9
30	15.01	21.14	38.19	28.45	6.07	5.70	106.4	2.2	3.8
50	14.74	21.26	38.40	28.68	5.87	5.72	102.7		2.9
75	14.20	21.32	38.51	28.87	5.53	5.77	95.7	1.2	1.8
-; 20 m; 2; 1/10 Cu; -; 1009									
21.4; 19.3; 21.0; 83 %									
8.11.1966. 1130-1245									
0	20.40	21.12	38.15	27.08	5.73	5.19	110.4	3.9	
10	20.42	21.14	38.19	27.10	5.49	5.19	105.7	2.4	
20	20.42	21.14	38.19	27.10	5.62	5.19	108.2	2.3	
30	20.36	21.15	38.21	27.13	5.79	5.20	111.2		
50	20.30	21.15	38.21	27.15	5.63	5.20	108.3	2.6	
75	18.94	21.15	38.21	27.51	5.75	5.33	107.7	3.0	
2; 21 m; 2; -; NW 9 m/sec; 1026									
16.6; 14.1; 14.4; 76 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
11.10.1966. 1201-1314 76 m									
0	21.68	21.09	38.10	26.69	4.92	5.08	96.7	3.7	3.9
10	21.98	21.09	38.10	26.59	5.31	5.06	105.0	0.0	1.2
20	21.96	21.17	38.24	26.71	5.26	5.07	103.8	2.8	3.5
30	21.86	21.18	38.26	26.75	5.18	5.07	102.2	1.9	2.4
50	21.38	21.20	38.30	26.91	5.21	5.11	102.3	1.0	1.9
75	16.87	21.28	38.44	28.20	5.28	5.50	96.0	1.0	1.5
2; 21 m; 2; 9/10 Cu,Cs; SE 7 m/sec; 1020									
22.6; 19.7; 21.0; 76 %									
7. 9.1966. 1240-1330 78 m									
0	22.68	21.13	38.17	26.45	5.08	5.01	101.7	1.7	3.5
10	22.46	21.21	38.31	26.63	6.28	5.02	125.0	1.8	3.7
20	18.36	21.26	38.40	27.81	6.21	5.39	115.2	2.3	4.5
30	16.99	21.26	38.40	28.14	6.45	5.51	117.3	2.7	4.6
50	16.13	21.28	38.44	28.38	6.30	5.58	112.8	3.3	5.4
75	15.03	21.31	38.49	28.67	5.63	5.69	98.8	2.4	4.0
2; 24 m; 2; 3/10 Ac; N 8 m/sec; 1021									
25.2; 18.2; 16.3; 51 %									
8. 8.1966. 0910-1020 79 m									
0	24.80	21.09	38.10	25.78	6.45	4.82	134.0	2.0	2.6
10	21.40	21.12	38.15	26.80	5.69	5.12	111.3	2.4	2.5
20	19.44	21.15	38.21	27.39	6.63	5.38	123.4	0.0	
30	17.00	21.22	38.33	28.09	5.42	5.50	98.7	1.8	4.5
50	15.10	21.29	38.46	28.63	6.41	5.68	113.8	0.0	6.9
75	14.65	21.35	38.57	28.82	6.56	5.72	114.5	2.7	3.7
2; 27 m; 2; -; W 5 m/sec; 1010									
26.00; 20.2; 19.9; 59 %									
17. 6.1966. 1030-1108 79 m									
0	20.80	20.32	36.71	25.87	5.28	5.20	101.6	2.0	1.6
10	21.29	20.39	36.83	25.83	5.42	5.19	104.3		
20	17.94	21.06	38.04	27.63	5.48	5.43	101.2		
30	17.09	21.17	38.24	27.99	5.33	5.50	96.8		
50	14.97	21.23	38.35	28.57	5.37	5.70	94.4	1.6	1.2
75	14.38	21.27	38.42	28.76	5.30	5.76	92.0	2.2	1.8
2; 17 m; 1; 2/10 Ac,Cu; NW 6 m/sec; 1004									
23.1; 21.1; 23.7; 84 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
7. 7.1966. 1221-1345 78 m									
0	23.34	20.78	37.54	25.78	5.94	4.96	119.7	1.4	
10	22.86	20.97	37.88	26.17	5.79	4.99	116.1	0.3	7.7
20	22.80	21.05	38.03	26.30	5.37	5.00	107.4	1.4	7.3
30	17.10	21.18	38.26	28.01	5.84	5.49	106.4	1.0	7.7
50	14.95	21.20	38.30	28.54	6.03	5.71	105.5	0.7	
75	14.53	21.22	38.33	28.66	5.85	5.74	101.8	1.0	
1; 34 m; 2; Cu,Ac 2/10; W 2 m/sec; 1002									
25.0; 20.6; 21.3; 67 %									
24.12.1966. 1422-1500 78 m									
0	15.30	21.06	38.04	28.27	6.02	5.68	105.8	1.0	8.0
10	15.28	21.15	38.21	28.40	5.76	5.68	101.3	1.7	6.4
20	15.28	21.18	38.26	28.44	5.78	5.67	101.7	0.9	6.9
30	15.34	21.18	38.26	28.43	5.60	5.67	98.5	0.7	4.0
50	15.36	21.19	38.28	28.44	5.57	5.67	98.2	1.0	6.2
75	15.36	21.19	38.28	28.44	5.58	5.67	98.1	1.4	5.3
3; 20 m; 2; 7/10 Cs,As; N 12 m/sec; 1013									
11.6; 6.9; 6.6; 48 %									
26. 1.1967. 1227-1337 78 m									
0	12.50	20.81	37.59	28.53	5.76	5.99	96.3	0.6	2.6
10	12.64	20.87	37.70	28.57	5.67	5.97	95.0	0.3	5.9
20	12.72	20.91	37.77	28.62	6.39	5.95	107.4	0.0	
30	12.78	20.94	37.83	28.64	5.69	5.94	95.8	0.9	
50	12.90	20.98	37.90	28.67	5.81	5.93	98.0	0.2	3.2
75	13.14	21.02	37.92	28.68	5.77	5.90	97.0	3.4	3.8
-; 23 m; 2; 2/10 Cs,Ac; N 2 m/sec; 1025									
11.2; 7.8; 8.3; 62 %									
21. 2.1967. 1315-1440 78 m									
0	12.08	20.54	37.10	28.22	5.77	6.06	95.3	2.6	7.5
10	12.08	20.66	37.32	28.40	5.90	6.05	97.5	4.1	7.2
20	12.10	20.74	37.47	28.51	6.09	6.04	100.7		
30	12.14	20.81	37.59	28.59	5.89	6.03	97.8	4.7	
50	12.20	20.82	37.61	28.60	6.01	6.02	99.9		
75	12.24	20.84	37.65	28.62	6.11	6.02	101.4	4.7	
1; 19 m; 1; 10/10 Ac; E 5 m/sec; 1013									
12.6; 11.8; 13.3; 91 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
28. 3.1967. 1415-1500 76 m									
0	12.94	20.98	37.90	28.66	5.60	5.93	94.4	1.6	6.4
10	12.72	20.98	37.90	28.71	6.58	5.96	110.4	0.8	
20	12.70	21.06	38.04	28.83	5.99	5.96	100.5	0.0	7.7
30	12.62	21.06	38.04	28.84	5.50	5.96	92.2	0.7	4.3
50	12.62	21.06	38.04	28.84	5.76	5.96	96.7	1.3	4.8
75	12.20	21.07	38.06	28.94	5.49	5.99	91.7	0.0	6.0
2; 21 m; -; 9/10 Cs,As; SE 16 m/sec; 1011									
13.8; 11.4; 11.9; 75 %									
27. 4.1967. 0600-0725 79 m									
0	14.28	21.10	38.12	28.55	5.69	5.78	98.4	0.7	
10	14.22	21.13	38.17	28.61	5.97	9.78	103.3	0.9	3.7
20	14.16	21.16	38.22	28.66	5.66	5.78	98.0	1.4	3.0
30	14.06	21.17	38.24	28.69	5.74	5.79	99.2	1.2	3.2
50	13.86	21.18	38.26	28.75	5.73	5.81	98.6	1.7	4.5
75	13.80	21.18	38.26	28.77	5.55	5.82	95.4	0.7	0.8
2; 24 m; 1; 9/10 Cs,As,Cu; ENE 9 m/sec; 1018									
9.6; 8.2; 10.0; 83 %									
19. 5.1967. 1755-1918 79 m									
0	17.42	20.35	36.76	26.78	5.93	5.52	107.5	1.0	1.4
10	16.80	20.62	37.25	27.31	6.61	5.57	110.9	3.1	3.8
20	16.78	20.78	37.54	27.53	6.06	5.56	109.0		1.3
30	16.42	20.90	37.75	27.78	5.97	5.45	109.6		0.2
50	14.86	21.03	37.99	28.32	6.08	5.73	106.2		3.0
75	14.54	21.18	38.26	28.60	5.80	5.74	100.9	0.1	4.2
2; 21 m; 2; 5/10 Cs,Ac; N 11 m/sec; 1014									
17.8; 15.2; 15.6; 76 %									
28. 6.1967. 0758-0835 79 m									
0	22.60	20.64	37.29	25.80	5.09	5.03	101.1	0.8	
10	19.57	20.95	37.84	27.06	5.26	5.27	99.9	2.8	
20	17.90	21.03	37.99	27.60	5.66	5.43	104.2	3.0	
30	16.15	21.19	38.28	28.26	5.66	5.58	101.4	1.6	
50	14.75	21.30	38.48	28.73	5.54	5.72	97.0	2.4	
75	14.55	21.36	38.58	28.86	5.32	5.73	92.8	2.6	
-; 25 m; 1; -; -; 1020									
22.7; 21.4; 24.6; 89 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20. 7.1967. 1300-1415 79 m									
0	22.80	20.98	37.90	26.20	5.22	5.00	104.2	1.3	
10	18.31	21.27	38.42	27.83	5.60	5.37	104.2	1.2	
20	16.14	21.32	38.51	28.42	5.57	5.58	99.9	2.4	
30	16.03	21.36	38.58	28.50	5.93	5.59	106.0	1.9	
50	15.17	21.43	38.71	28.81	5.63	5.67	99.4	1.6	
75	14.78	21.46	38.77	28.94	5.52	5.70	96.8	1.0	
1; 22 m; 1; -; W 7 m/sec; 1019									
24.4; 21.2; 23.1; 75 %									
5. 8.1967. 1728-1857 79 m									
0	25.71	20.66	37.32	24.89				2.5	
10	24.50	20.94	37.83	25.67				1.7	
20	18.16	21.34	38.55	27.98				1.9	5.4
30	17.00	21.37	38.60	28.29				2.2	9.9
50	15.58	21.35	38.57	28.61				2.3	
75	14.36	21.39	38.64	28.95				2.5	
-; 17 m; 2; -; -; 1013									
26.0; 24.8; 30.5; 91 %									
13. 9.1967. 1325-1355 78 m									
0	22.40	21.06	38.04	26.43	5.46	5.03	107.4	4.5	
10	22.22	21.11	38.13	26.54	5.96	5.04	118.2		
20	20.82	21.23	38.35	27.10	5.45	5.16	105.8		
30	18.20	21.26	38.40	27.85	5.75	5.39	106.7		
50	16.12	21.29	38.46	28.40	5.67	5.54	102.3	4.3	
75	14.42	21.31	38.49	28.81	5.45	5.74	95.3		
-; 28 m; 2; 2/10 Cu; 1 m/sec; 1015									
19.9; 15.1; 13.8; 68 %									
11.10.1967. 1345-1500 79 m									
0	21.94	21.04	38.01	26.54	5.65	5.07	111.3	0.0	
10	21.70	21.06	38.04	26.63	5.43	5.09	106.6	0.4	
20	21.64	21.13	38.17	26.74	5.30	5.09	105.9		
30	21.50	21.16	38.22	26.82	5.63	5.10	110.4		
50	17.55	21.26	38.40	28.00	6.00	5.44	110.3	2.4	
75	15.82	21.28	38.44	28.45	5.66	5.62	100.7	4.8	
2; 23 m; 1; 1/10 Ci; W 6 m/sec; 1023									
21.2; 18.7; 19.9; 79 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
13.11.1967. 0807-1000 78 m									
0	19.23	20.98	37.90	27.19	5.28	5.27	100.2	1.8	0.0
10	19.25	21.15	38.21	27.44	5.51	5.30	104.1	3.3	4.3
20	19.23	21.16	38.22	27.44	5.04	5.30	95.1		6.7
30	19.30	21.24	38.37	27.54	5.18	5.29	98.0	4.1	
50	19.27	21.26	38.40	27.57	5.26	5.29	99.4		
75	18.50	21.28	38.44	28.80	5.63	5.36	105.1		3.4
1; 25 m; 2; 5/10 Cs; NE 1 m/sec; 1022									
15.4; 11.2; 10.5; 60 %									
22.12.1967. 0900-0930 78 m									
0	15.86	21.47	38.78	28.70	6.25	5.60	111.8		
10	15.90	21.48	38.80	28.71	5.90	5.59	105.6	2.1	
20	15.88	21.48	38.80	28.72	5.60	5.60	100.0	2.0	
30	15.90	21.48	38.80	28.72	5.44	5.59	97.3	1.2	
50	15.89	21.49	38.82	28.74	5.37	5.60	95.7	2.7	
75	15.90	21.49	38.82	28.74	5.21	5.60	93.1	0.5	
2; 21 m; 2; 10/10 Ac,Ae; SW 10 m/sec; 1028									
8.2; 5.2; 6.8; 63 %									
18. 1.1968. 1100-1430 79 m									
0	14.2	21.41	38.68	29.00	5.83	5.86	99.6	4.2	8.4
10	14.1	21.41	38.68	29.03	5.76	5.87	98.1		
20	13.3	21.42	38.69	29.20	5.67	5.95	95.3	3.6	6.7
30	14.0	21.43	38.71	29.07	5.67	5.87	96.6	2.3	6.8
50	13.7	21.44	38.73	29.16	5.83	5.81	100.3	3.3	6.1
75	13.6	21.44	38.73	29.17	6.04	5.85	103.2	2.2	7.8
3; 14.5 m; 1; 10/10 Cu; SE 16 m/sec; 1008									
13.0; 10.4; 10.9; 73 %									
17. 2.1968. 0855-1050 81 m									
0	12.82	21.23	38.35	29.04	5.82	5.92	98.5		
10	12.80	21.26	38.40	29.09	5.43	5.93	91.7		
20	12.88	21.28	38.44	29.10	6.37	5.92	107.8		
30	12.83	21.31	28.49	29.14	5.59	5.91	94.5		
50	12.92	21.33	38.53	29.17	5.86	5.90	99.5		
75	12.94	21.37	38.60	29.21	5.48	5.90	93.0		
1-2; 21 m; 2; 8/10 As,Ci,Cu; NW 3 m/sec; 1000									
11.8; 9.6; 10.5; 76 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
15. 3.1968. 0930-1025 79 m									
0	12.04	21.15	38.21	29.09	5.84	6.02	97.2	0.8	5.8
10	12.07	21.16	38.22	29.09	5.68	6.02	94.6	2.4	5.8
20	12.18	21.18	38.26	29.10	5.69	6.00	94.9	0.3	3.3
30	12.74	21.26	38.40	29.10	5.78	5.93	97.6	1.5	
50	12.75	21.28	38.44	29.12	5.72	5.93	96.6	0.3	
75	12.54	21.32	38.51	29.20	5.74	5.95	96.5	1.8	7.9
2; 22 m; 2; 2/10 As,Cu; E 14 m/sec; 1016									
11.8; 8.5; 9.0; 64 %									
19. 4.1968. 1415-1545 79 m									
0	15.59	21.16	38.22	28.34	5.97	5.64	105.7		
10	14.92	21.21	38.31	28.56	5.69	5.70	99.9		
20	14.50	21.22	38.33	28.67	5.67	5.74	98.7		
30	14.10	21.28	38.44	28.85	6.38	5.78	110.4		
50	13.60	21.29	38.46	28.96	5.74	5.83	98.6		
75	13.50	21.33	38.53	29.04	5.75	5.84	98.6		
-; 22 m; 2; -; -; 1021									
17.2; 15.2; 16.0; 81 %									
18. 5.1968. 1335-1510 79 m									
0	19.10	21.00	37.94	27.26	5.47	5.32	102.9		
10	17.96	21.01	37.95	27.55	5.84	5.43	107.5		
20	17.55	21.01	37.95	27.67	5.40	5.46	98.9		
30	16.36	21.14	38.19	28.13	5.75	5.57	103.4		
50	14.88	21.21	38.31	28.56	5.76	5.72	100.8		
75	14.50	21.25	38.39	28.64	5.81	5.74	101.2		
-; 24 m; 2; 3 Ac,Cu; -; 1008									
22.6; 16.6; 14.9; 54 %									
21. 6.1968. 1210-1235 76 m									
0	23.20	20.90	37.75	25.97	5.14	4.97	103.4		
10	22.87	20.93	37.81	26.11	5.18	4.99	103.7		
20	20.38	21.08	38.08	27.02	5.58	5.20	107.3		
30	17.80	21.14	38.19	27.78	5.57	5.43	102.5		
50	15.73	21.37	38.60	28.60	5.48	5.62	98.2		
75	14.50	21.43	38.71	28.96	5.28	5.72	92.4		
1; 24 m; 1; 4 Cs,Ac; SW 3 m/sec; 1011									
23.0; 21.2; 24.0; 85 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%
25. 7.1968. 1344-1447 79 m							
0	21.88	20.72	37.43	26.11	5.26	5.09	103.2
10	21.64	20.89	37.74	26.42	5.10	5.10	100.0
20	19.09	21.10	38.12	27.41	5.58	5.33	104.8
30	19.89	21.19	38.28	28.07	5.57	5.52	104.2
50	15.90	21.20	38.30	28.32	5.98	5.62	106.3
75	14.95	21.28	38.44	28.65	5.72	5.70	100.2
2; 22 m; 1; 10/10 Ac; SE 7 m/sec; 1013							
23.2; 21.2; 23.9; 84 %							
16. 8.1968. 1231-1345 80 m							
0	22.73	21.35	38.57	26.73	5.10	4.97	102.7
10	22.47	21.37	38.60	26.83	5.16	4.99	103.4
20	21.24	21.39	38.64	27.21	5.26	5.10	103.1
30	17.19	21.39	38.64	28.28	5.73	5.47	104.8
50	15.75	21.50	38.84	28.78	5.16	5.61	92.0
70	14.65	21.55	38.93	29.10	4.93	5.71	86.4
0-1; 18 m; 2; -; 7 m/sec; 1010							
22.6; 21.9; 26.0; 95 %							
26. 9.1968. 1535-1605 79 m							
0	20.97	21.28	38.44	27.13	5.14	5.13	100.2
10	20.96	21.28	38.44	27.14	5.05	5.13	98.4
20	20.96	21.32	38.51	27.19	4.97	5.13	96.7
30	20.62	21.32	38.51	27.28	5.03	5.15	97.7
50	16.34	21.51	38.86	28.66	5.37	5.54	97.0
75	15.61	21.52	38.87	28.83	5.54	5.60	98.9
2; 24 m; 2; -; NW 5 m/sec; 1019							
20.9; 16.4; 15.6; 64 %							
15.10.1968. 1300-1325 79 m							
0	20.23	21.28	38.44	27.34	5.45	5.20	105.0
10	20.48	21.29	38.46	27.29	4.96	5.18	95.7
20	20.02	21.33	38.53	27.47	5.64	5.21	108.2
30	16.74	21.38	38.62	28.38	6.24	5.52	113.0
50	15.65	21.51	38.86	28.82	5.96	5.62	106.2
75	15.05	21.52	38.87	28.96	5.00	5.67	88.2
1-2; 28 m; 2; -; 4 m/sec; 1014							
20.8; 17.4; 17.6; 72 %							

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%
12.11.1968. 1150-1306 78 m							
0	17.28	21.08	38.08	27.82	5.61	5.37	104.5
10	17.37	21.11	38.13	27.85	5.72	5.37	106.6
20	17.70	21.18	38.26	27.86	5.34	5.34	100.0
30	17.73	21.28	38.44	28.00	5.46	5.33	102.4
50	17.64	21.29	38.46	28.03	5.85	5.33	110.4
75	17.14	21.34	38.55	28.23	5.67	5.36	105.9
0-1; 20 m; 1; 8/10 Cs,Cu; E 1 m/sec; 1009							
15.6; 13.2; 13.6; 77 %							
19.12.1968. 1115-1153 79 m							
0	15.38	21.19	38.28	28.43	5.72	5.67	100.8
10	15.42	21.26	38.40	28.51	5.78	5.66	102.2
20	15.48	21.37	38.60	28.65	5.84	5.64	103.5
30	15.74	21.37	38.60	28.59	6.02	5.62	107.3
50	15.75	21.39	38.64	28.62	5.68	5.62	101.3
75	15.82	21.39	38.64	28.61	5.67	5.61	101.0
1; 17 m; -; 10/10 Cu,Cb; SW 3 m/sec; 996							
14.6; 13.3; 14.4; 87 %							
20. 1.1969. 1230-1345 79 m							
0	14.04	21.30	38.48	28.88	5.74	5.78	99.3
10	14.07	21.30	38.48	28.87	5.32	5.78	91.8
20	14.05	21.32	38.51	28.91	5.87	5.78	101.4
30	14.10	21.33	38.53	28.92	6.03	5.78	104.3
50	14.10	21.34	38.55	28.93	6.24	5.78	107.9
75	14.10	21.34	38.55	28.93	5.36	5.78	92.6
3-4; 19 m; 2; 3/10 Ce,Cs; NE 6 m/sec; 1010							
11.8; 7.2; 7.1; 51 %							
18. 2.1969. 1245-1358 79 m							
0	13.38	21.30	38.48	29.03	4.76	5.86	81.3
10	13.30	21.34	38.55	29.10	4.97	5.87	84.7
20	13.27	21.34	38.55	29.10	5.87	5.87	99.7
30	13.28	21.35	38.57	29.11	5.64	5.87	96.3
50	13.22	21.38	38.62	29.17	5.46	5.87	93.0
75	13.23	21.40	38.66	29.19	5.41	5.87	92.3
0-1,1-2; 24 m; 2; 4/10 Cs; W 1 m/sec; 1013							
7.4; 3.8; 5.6; 55 %							

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%
20. 3.1969. 1400-1430 78 m							
0	13.80	20.56	37.14	27.90	5.48	5.87	93.5
10	13.54	20.61	37.23	28.02	5.63	5.89	95.8
20	13.74	20.69	37.38	28.10	5.91	5.87	100.4
30	13.72	21.00	37.94	28.53	6.10	5.85	102.0
50	14.09	21.34	38.55	28.93	5.68	5.79	98.1
75	13.34	21.35	38.57	29.10	5.95	5.86	100.7
0-1; 21 m; 2; 2/10 Ci,Cs; N 5 m/sec; 1002							
15.6; 10.2; 8.8; 50 %							
8. 4.1969. 1317-1430 80 m							
0	14.08	20.51	37.05	27.78	6.38	5.78	
10	13.80	20.80	37.57	28.23	6.50	5.78	
20	13.78	20.80	37.57	28.24	6.01	5.79	
30	13.84	20.84	37.67	28.24	5.87	5.84	
50	13.92	21.21	38.31	28.78	6.06	5.81	
75		21.21	38.31		6.04		
0-1; 18 m; 1; -; W 4 m/sec; 1011							
15.4; 11.6; 11.1; 64 %							
12. 5.1969. 1237-1405 79 m							
0	17.50	20.42	38.89	26.86	5.61	5.51	101.8
10	16.68	20.68	37.36	27.42	6.02	5.58	108.1
20	15.72	20.91	37.77	27.96	5.56	5.65	98.3
30	14.36	20.95	37.84	28.32	5.57	5.79	96.4
50	13.98	21.27	38.42	28.85	5.67	5.81	97.4
75	14.58	21.33	38.53	28.81	5.57	5.74	97.1
0-1; 22 m; 1; 4/10 Ci,Cs; NW 4 m/sec; 1017							
18.2; 16.7; 18.1; 87 %							
18. 6.1969. 1125-1210 79 m							
0	21.53	20.34	36.74	25.68	6.02	5.14	106.8
10	18.02	21.13	38.17	27.71	6.16	5.41	113.9
20	16.98	21.24	38.37	28.12	6.27	5.50	113.9
30	15.74	21.28	38.44	28.46	5.49	5.63	92.6
50	15.04	21.35	38.57	28.73	5.87	5.69	103.2
75	14.70	21.38	38.62	28.85	5.46	5.72	95.5
1,2; 19 m; 1; 3/10 Cs; N 3 m/sec; 1004							
22.0; 20.2; 22.5; 85 %							

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%
18. 7.1969. 1426-1535 78 m							
0	21.45	21.04	38.01	26.68	5.30	5.12	103.7
10	19.15	21.08	38.08	27.36	5.86	5.32	110.0
20	16.74	21.33	38.53	28.63	5.64	5.53	102.0
30	15.47	21.39	38.64	28.69	5.41	5.65	95.9
50	15.20	21.45	38.75	28.84	5.40	5.66	95.4
75	14.90				5.18		
1; 25 m; 1; -; W 4 m/sec; 1012							
22.4; 20.8; 23.5; 85 %							
16. 8.1969. 0845-1015 78 m							
0	23.01	21.06	38.04	26.25	4.94	4.98	99.2
10	22.39	21.03	37.99	26.39	5.12	5.03	102.0
20	17.44	21.40	38.66	28.22	5.08	5.46	93.0
30	16.01	21.45	38.75	28.65	5.07	5.58	90.8
50	15.28	21.45	38.75	28.81	5.02	5.66	88.6
75	14.96	21.47	38.78	28.90	5.06	5.69	88.9
3; 24 m; 1; 3/10 St; E 7 m/sec; 993							
24.8; 22.2; 21.5; 80 %							
10. 9.1969. 1223-1235 79 m							
0	23.40	20.63	37.27	25.55	4.78	4.96	96.6
10	23.00	21.28	38.44	26.56	4.83	4.95	97.7
20	21.84	21.30	38.78	26.93	5.37	5.05	106.2
30	17.38	21.47	38.78	28.33	5.62	5.46	102.9
50	15.44	21.48	38.80	28.82	5.30	5.63	94.1
75	14.96	21.50	38.84	28.96	5.06	5.69	88.9
-; 20 m; 2; 8/10 As; SE 2 m/sec; 1002							
24.8; -; -; -;							
7.10.1969. 1515-1553 78 m							
0	22.12	21.17	38.24	26.66	5.00	5.04	99.2
10	21.96	21.19	38.28	26.73	5.59	5.05	110.8
20	21.74	21.21	38.31	26.82	4.90	5.07	96.7
30	21.58	21.22	38.33	26.88	5.12	5.08	100.8
50	16.53	21.50	38.84	28.59	5.54	5.52	100.3
75	15.47	21.54	38.91	28.89	5.39	5.63	95.3
1; 22 m; 2; -; N 2 m/sec; 1019							
21.6; 15.4; 13.3; 52 %							

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%
3.11.1969. 1316-1425 79 m							
0	20.62	21.34	38.55	27.32	5.09	5.15	98.7
10	20.40	21.35	38.57	27.40	5.13	5.17	99.2
20	20.42	21.40	38.66	27.46	5.13	5.17	99.2
30	20.40	21.41	38.68	27.48	5.07	5.17	98.0
50	20.43	21.44	38.73	27.52	5.03	5.16	97.3
75	17.05	21.46	38.77	28.42	5.21	5.48	95.1
-; 30 m; 1; 1/10 Cu; -; 1014							
18.2; 14.9; 14.5; 70 %							
18.12.1969. 0745-0930 79 m							
0	16.20	21.29	38.46	28.38	5.27	5.58	94.4
10	16.17	21.29	38.36	28.38	5.37	5.59	96.0
20	16.18	21.29	38.46	28.38	5.39	5.59	96.4
30	16.18	21.30	38.48	28.38	5.26	5.58	95.9
50	16.20	21.32	38.51	28.41	5.28	5.57	94.9
75	16.14	21.34	38.55	28.46	5.43	5.58	97.3
2-3; 18 m; 1; 10/10 As,Ac,Ns; SE 8 m/sec; 995							
9.8; 7.2; 8.4; 70 %							
21. 1.1970. 1205-1350 78 m							
0	13.10	20.44	36.92	27.87	6.12	5.96	102.7
10	13.60	20.46	36.96	27.80	5.67	5.90	96.0
20	13.90	21.11	38.13	28.64	5.78	5.81	99.4
30	13.84	21.15	38.21	28.72	4.93	5.82	84.8
50	14.23	21.26	38.40	28.79	5.74	5.78	99.3
75	14.60	21.47	38.78	29.00	5.14	5.72	89.9
1; 18 m; 2; -; NE 2 m/sec; 1005							
8.6; 6.5; 8.4; 75 %							
11. 2.1970. 1330-1445 79 m							
0	13.12	21.03	37.99	28.70	5.99	5.90	101.6
10	13.15	21.07	38.06	28.75	5.62	5.90	95.0
20	13.12				5.82		
30	13.04	21.07	38.06	28.77	5.74	5.91	97.2
50	13.30	21.11	38.13	28.77	5.87	5.89	99.5
75	14.04	21.47	38.78	29.10	5.56	5.78	96.0
3,3; 22 m; 1; 9/10 St,Cu; SW 6 m/sec; 985							
11.8; 10.2; 11.3; 82 %							

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%

22. 3.1970. 1323-1347 79 m

0	12.46	20.85	37.66	28.58	5.72	5.99	95.3
10	12.40	20.88	37.72	28.74	5.64	6.00	93.8
20	12.63	21.06	38.04	28.84	5.50	5.97	92.3
30	13.04	21.12	38.15	28.84	5.37	5.91	90.6
50	13.21	21.21	38.31	28.93	5.36	5.88	90.8
75	13.37	21.27	38.42	28.98	5.02	5.87	85.4

2; 21 m; 1; 5/10 Cs,As; SE 385 m/min; 1019

13.6; 11.2; 11.7; 75 %

23. 4.1970. 1245-1408 79 m

0	14.08	20.36	36.78	27.56	5.74	5.85	98.2
10	13.72	20.48	37.00	27.81	5.92	5.88	100.8
20	13.58	20.70	37.39	28.14	5.62	5.88	95.3
30	13.32	20.87	37.65	28.40	5.74	5.89	97.2
50	13.24	21.10	38.12	28.78	5.62	5.89	95.2
75	13.78	21.28	38.44	28.91	5.27	5.82	90.6

0-1; 14 m; -; 7/10 Cs; SW 125 m/min; 1021

13.4; 12.4; 13.7; 89 %

13. 5.1970. 1147-1315 79 m

0	15.72	20.36	36.78	27.19	5.79	5.69	101.8
10	15.08	20.56	37.14	27.62	5.67	5.74	98.5
20	15.08	20.77	37.52	27.92	5.94	5.73	103.6
30	14.74	21.01	37.95	28.32	5.69	5.74	99.0
50	14.26	21.23	38.35	28.74	5.89	5.77	102.1
75	14.12	21.40	38.66	29.00	5.70	5.77	98.5

1; 17 m; 2; 1/10 As,Cu,Cs; SW 2 m/sec; 1014

16.6; 14.8; 15.6; 83 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / $N\text{-}NO_3$ mg/t	$P\text{-}PO_4$mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NH_4$ mg/t
7. 7.1970. 1125-1315 79 m									
0	19.92	20.44	36.92	26.26	4.86	5.27	92.3	0.742	35.98
10	19.60	20.87	37.70	26.94	4.83	5.28	91.5 / 1.96	0.406	49.98
20	17.79	21.22	38.33	27.88	5.05	5.43	93.0 / 0.70	0.406	21.98
30	16.74	21.24	38.37	28.18	5.17	5.52	83.8 / 1.96	0.742	48.02
50	15.32	21.26	38.40	28.54	5.01	5.66	88.5 / 3.08	0.000	54.04
75	14.86	21.38	38.62	28.81	4.81	5.70	84.5 / 3.92	0.994	28.98
1,2; 19 m; 1; 4 Cs,As; NW 2-3 m/sec; 1012 22.6; 20.0; 21.6; 79 %									
12. 8.1970. 1340-1508 78 m									
0	23.61	20.98	37.86	25.93	4.93	4.92	100.1 / 6.30	0.098	21.98
10	22.12	21.07	38.06	26.53	5.12	5.05	101.4 / 2.10	0.224	48.02
20	17.82	21.15	38.21	27.79	5.67	5.43	104.5 / 2.24	0.000	31.92
30	16.42	21.26	38.40	28.28	5.78	5.55	104.0 / 0.42	2.380	42.56
50	15.64	21.25	38.39	28.46	5.64	5.63	100.1 / 2.52	0.000	37.52
75	15.15	21.40	38.66	28.77	5.49	5.67	96.6 / 0.00	1.680	23.10
1; 25 m; 2; 1/10 Cu; W 1-2 m/sec; 1016 25.4; 21.4; 22.8; 70 %									
8. 9.1970. 0949-1017 79 m									
0	22.77	21.00	37.94	26.24	4.82	5.00	96.4 / 3.22	0.140	29.54
10	22.22	21.29	38.46	26.80	5.24	5.03	104.0 / 3.22	0.140	49.56
20	18.64	21.43	38.71	27.97	5.73	5.36	107.0 / 2.80	0.910	66.50

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%₀ / $N\text{-}NO_3$ mg/t	$P\text{-}PO_4$mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NH_4$ mg/t
30	17.24	21.46	38.77	28.36	5.82	5.46	106.5 2.80	0.448	11.90
50	15.90	21.47	38.78	28.70	5.58	5.59	99.8 3.50	0.532	11.90
75	15.22	21.48	38.80	28.87	5.44	5.66	96.0 5.04	0.840	43.12

1-2; 29 m; 1; -; NW 2 m/sec; 1016
24.3; 20.8; 22.3; 74 %

7.10.1970. 0830-0925 78 m

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%₀ / $N\text{-}NO_3$ mg/t	$P\text{-}PO_4$mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NH_4$ mg/t
0	20.40	21.34	38.55	27.38	5.22	5.18	100.4 0.00	0.756	20.86
10	20.37	21.49	38.82	27.59	5.16	5.18	99.7 0.00	0.686	93.94
20	20.32	21.44	38.73	27.54	5.15	5.18	99.4 2.24	0.532	18.06
30	20.32	21.39	38.64	27.47	5.13	5.19	99.1 2.52	0.602	37.52
50	17.35	21.44	38.73	28.31	5.29	5.46	97.0 0.98	0.308	0.98
75	15.40	21.53	38.89	28.90	5.58	5.64	99.0 6.58	0.196	20.58

3; 28 m; 1; 5/10 Cu,Ac; SE 8 m/sec; 1016
19.2; 16.8; 17.5; 79 %

8.11.1970. 0915-1005 78 m

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%₀ / $N\text{-}NO_3$ mg/t	$P\text{-}PO_4$mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NH_4$ mg/t
0	18.06	21.37	38.60	28.03	5.16	5.40	95.7 5.18	2.9 0.084	32.48
10	18.09	21.39	38.64	28.05	5.21	5.40	96.4 4.06	2.7 0.084	63.00
20	18.10	21.41	38.68	28.07	5.19	5.39	96.4 4.20	0.154	12.46
30	18.09	21.41	38.68	28.08	5.27	5.39	97.8 4.48	1.2 0.896	2.24
50	18.09	21.43	38.71	28.10	5.22	5.39	96.8 4.76	3.4 0.476	19.60
75	17.50	21.44	38.73	28.26	5.01	5.44	92.2 9.66	3.3 0.896	19.60

3; 23 m; 1; 10/10 Cu,Cb,Ac; SE 5 m/sec; 1015
16.6; 14.8; 15.6; 83 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / $N\text{-}NO_3$ mg/t	P-PO_4mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NH_4$ mg/t
18.12.1970. 1125-1210 78 m									
0	15.96	21.22	38.33	28.34	5.70	5.60	101.8 3.78	1.5 5.376	 49.00
10	15.97	21.24	38.37	28.37	5.63	5.60	100.5 4.48	1.2 0.448	 27.02
20	15.96	21.26	38.40	28.39	5.67	5.60	101.2 26.04	1.1 7.168	 7.56
30	15.97	21.27	38.42	28.40	5.45	5.59	97.5 10.64	0.8 1.904	 42.56
50	15.97	21.29	38.46	28.42	5.59	5.59	100.0 4.48	1.7 3.584	 0.98
75	16.04	21.37	38.60	28.52	5.45	5.58	97.7 3.92	1.6 2.982	 32.48
1,1; 23 m; 1; 6/10 Cs; N 2 m/sec; 1020									
11.2; 7.6; 8.0; 60 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
9 (123) STONČICA									
43°00'N 16°20'E									
1. 4.1965. 0635-0740 103 m									
0	13.36	21.05	38.03	28.62	5.87	5.85	100.4	1.9	2.4
10	13.64	21.08	38.08	28.68	6.11	5.85	104.4	2.4	3.4
20	13.74	21.14	38.19	28.72	6.11	5.84	104.6	1.7	2.1
30	13.74	21.14	38.19	28.72	5.96	5.84	102.3	1.8	2.7
50	13.74	21.17	38.24	28.76	5.93	5.83	101.6	2.8	2.3
75	13.62	21.19	38.28	28.82	5.60	5.84	96.0	3.0	3.9
100	13.68	21.20	38.30	28.82	5.59	5.83	95.8	2.8	3.8
4; 26 m; 2; 0; NE 5-6 m/sec; 1015.5									
12.4; 8.0; 9.2; 64 %									
13. 4.1965. 1350-1530 104 m									
0	14.45	21.09	38.10	28.45	6.00	5.76	104.3	0.0	6.2
10	14.36	21.14	38.19	28.59	6.02	5.77	104.2	0.4	6.6
20	14.30	21.15	38.21	28.62	5.74	5.78	99.3	1.8	3.0
30	14.24	21.15	38.21	28.63	5.71	5.79	98.7	0.4	9.0
50	14.08	21.15	38.21	28.67	5.67	5.79	97.8	0.7	3.4

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	13.36	21.17	38.24	28.84	5.90	5.87	100.4	0.6	4.1
100	13.34	21.17	38.24	28.85	5.77	5.87	98.4	2.0	4.6

1; 26 m; 1; 10 Cs, As; E 1-2 m/sec; 999.3

11.1; 9.9; 11.3; 85 %

14. 4.1965. 1135-1305 104 m

0	14.42	21.00	37.94	28.39
10	14.40	21.17	38.24	28.62
20	14.40	21.17	38.24	28.62
30	14.30	21.16	38.22	28.62
50	13.72	21.16	38.22	28.75
75	13.74	21.17	38.24	28.76
100	13.36	21.17	38.24	28.85

2; 24 m; 1; 10 Cc, Ns; E 3 m/sec; 1008

11.0; 9.8; 11.3; 86 %

20. 5.1965. 0800-0955

0	16.40	21.00	37.94	27.94	6.32	5.57	113.4	4.3	6.0
10	15.83	21.04	38.01	28.12	6.54	5.63	116.2	2.6	5.0
20	15.61	21.09	38.10	28.24	6.26	5.64	111.0	2.6	8.2
30	14.72	21.14	38.19	28.51	7.30	5.73	127.2	1.6	
50	14.56	21.25	38.39	28.70	6.78	5.74	118.1	2.2	8.0
75	14.42	21.31	38.49	28.81	6.77	5.75	117.9	1.5	7.1
100	14.30	21.31	38.49	28.84	6.08	5.75	105.9	1.9	6.3

1-2; 23 m; 2; 1 Cs; N 1 m/sec; 1011

16.5; 15.5; 17.0; 90 %

9. 6.1965. 1350-1435 105 m

0	18.95	21.26	38.90	27.66	5.16	5.31	97.1	3.9	8.9
10	18.63	21.26	38.40	27.74	5.06	5.35	94.7	2.1	
20	18.21	21.26	38.40	27.85	5.04	5.39	93.4	2.7	
30	15.65	21.28	38.44	28.49	5.27	5.63	93.6	2.3	2.6
50	14.56	21.34	38.55	28.82	5.31	5.73	92.5		0.0
75	14.32	21.35	38.57	28.90	5.24	5.75	91.3	4.1	
100	14.20	21.37	38.60	28.94	4.92	5.77	85.7	4.1	

2; 30 m; 2; 1 Cs, Cu; -; 1003

19.1; 15.4; 15.0; 68 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
10. 6.1965. 1250-1325 105 m									
0	18.92	21.24	38.37	27.64					
10	18.56	21.24	38.37	27.73					
20	17.70	21.25	38.39	27.57					
30	15.14	21.29	38.46	28.63					
50	14.74	21.30	38.48	28.73					
75	14.43	21.33	38.53	28.84					
100	14.16	21.35	38.57	28.92					
2; 29 m; 2; 3 Ci, As, Cu; SSE 4 m/sec; 1002									
17.2; 13.4; 12.8; 65 %									
15. 7.1965. 1210-1400 106 m									
0	23.72	20.86	37.68	25.78	5.03	4.92	102.3	2.1	
10	22.28	20.87	37.70	26.20	4.83	5.04	97.3	1.7	
20	17.28	21.25	38.39	28.07	6.40	5.47	117.0	2.1	
30	16.22	21.26	38.40	28.32	5.74	5.57	102.8	1.3	
50	15.16	21.30	38.48	28.63	5.84	5.68	102.7	0.0	
75	14.80	21.30	38.48	28.71	5.47	5.72	95.7	2.6	
100	14.40	21.31	38.49	28.81	5.47	5.74	95.4	2.0	1.8
1; 30 m; 2; 0; SW 1 m/sec; 1010									
24.4; 22.2; 25.3; 83 %									
10. 8.1965. 0730-0925 103 m									
0	24.42	21.06	38.04	25.85	5.37	4.85	110.8		
10	23.19	21.08	38.08	26.23	4.98	4.97	100.4	3.2	
20	19.04	21.26	38.40	27.63	5.44	5.32	102.3	2.7	9.3
30	16.93	21.45	38.75	28.42	5.51	5.50	100.2	0.0	
50	15.32	21.48	38.80	28.84	5.58	5.65	98.8	4.1	
75	14.83	21.51	38.86	29.01	5.34	5.70	93.6	2.4	9.3
100	14.56	21.56	38.95	29.13	5.07	5.72	88.6	0.4	8.1
1; 26 m; 1; 9 Ac; SE 1-2 m/sec; 1015									
24.2; 21.5; 23.9; 79 %									
12. 9.1965. 1839-1927 104 m									
0	22.18	21.08	38.08	26.52	5.12	5.04	101.4	3.0	
10	22.13	21.27	38.42	26.80	5.79	5.04	115.0	1.9	
20	22.14	21.33	38.53	26.88	5.39	5.03	107.2	3.0	
30	17.54	21.38	38.62	28.17	6.13	5.43	113.2	2.1	
50	15.54	21.51	38.86	28.85	6.04	5.62	107.4	2.7	
75	15.04	21.55	38.93	29.01	5.60	5.66	99.0	1.7	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
100	14.78	21.55	38.93	29.06	5.42	5.69	95.3	0.7	

-; -; 2; 10 Cs, As; -; 1003
20.9; 18.3; 19.4; 78 %

15. 9.1965. 0740-0815 105 m

0	22.02	21.00	37.94	26.47
10	21.98	21.23	38.35	26.78
20	21.88	21.32	38.51	26.93
30	17.84	21.34	38.55	28.05
50	15.70	21.41	38.68	28.68
75	15.16	21.51	38.86	28.93
100	14.84	21.52	38.87	29.01

3; 25 m; 2; -; N 5 m/sec; 1013
20.6; 18.2; 19.3; 80 %

14.10.1965. 0630-0821 104 m

0	20.90	20.99	37.92	26.76
10	20.92	21.02	37.97	26.80
20	20.90	21.05	38.03	26.85
30	19.80	21.05	38.03	27.15
50	16.18	21.05	38.03	28.06
75	15.58	21.05	38.03	38.19
100	15.18	21.10	38.12	28.35

-; 32 m; 1; -; -; 1015
18.4; 14.2; 13.3; 63 %

15.12.1965. 1400-1446 105 m

0	15.90	21.28	38.44	28.44	5.95	5.60	106.4	0.6	1.1
10	15.90	21.30	38.48	28.46	6.11	5.60	109.2	0.5	1.1
20	15.88	21.31	38.49	28.47	5.94	5.61	116.4	0.6	1.2
30	15.88	21.31	38.49	28.47	6.30	5.61	112.3	0.6	2.4
50	15.86	21.34	38.55	28.53	5.99	5.61	106.8	1.3	1.1
75	15.68	21.34	38.55	28.57	6.07	5.63	107.6	0.6	0.4
100	15.14	21.36	38.58	28.72	6.03	5.67	106.3	0.6	0.7

1-2; 23 m; 2; -; NW 3 m/sec; 1015
9.4; 4.4; 5.1; 43 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
16.12.1965. 1205-1252 106 m									
0	15.96	21.26	38.40	28.39					
10	15.94	21.27	38.42	28.41					
20	15.90	21.27	38.42	28.42					
30	15.90	21.28	38.44	28.44					
50	15.86	21.29	38.46	28.46					
75	15.84	21.32	38.51	28.51					
100	15.64	21.34	38.55	28.58					
1; 28 m; 2; 5/10 Cu; -; 1012									
11.6; 9.6; 10.7; 78 %									
22. 1.1966. 0719-0825 105 m									
0	13.16	21.07	38.06	28.74	5.67	5.97	95.0	1.9	9.4
10	13.18	21.10	38.12	28.77	5.58	5.97	93.7	2.6	
20	13.18	21.13	38.17	28.82	5.28	5.96	90.3	1.9	5.3
30	13.18	21.25	38.39	28.99	5.53	5.95	92.8	1.3	6.3
50	13.18	21.25	38.39	28.99	5.45	5.95	91.5	1.6	9.3
75	13.22	21.26	38.40	29.00	5.64	5.95	94.7	1.7	8.6
100	13.26	21.26	38.40	28.99	5.81	5.94	97.7	1.6	
2; 21 m; 1; 7/10 Cs, As; N 5 m/sec; 1001									
10.1; 7.7; 9.0; 73 %									
26. 2.1966. 0737-0840 103 m									
0	12.18	20.66	37.32	26.39	5.87	6.04	97.2		
10	13.34	20.88	37.72	28.45	5.99	5.89	101.7		
20	13.26	21.15	38.21	28.85	5.77	5.88	97.3		
30	13.56	21.31	38.49	28.99	5.58	5.84	95.7		
50	13.56	21.32	38.51	29.00	6.07	5.84	104.2		
75	13.76	21.35	38.57	29.02	5.76	5.81	99.3		
100	13.88	21.42	38.69	29.08	5.63	5.79	97.2		
1; 23 m; 2; 7 Cs; E 2 m/sec; 1013.5									
11.8; 9.5; 10.3; 75 %									
25. 3.1966. 0915-1015 103 m									
0	12.84	20.87	37.70	28.54	6.34	5.95	106.6	1.0	1.8
10	13.24	21.08	38.08	28.74	6.47	5.89	110.0	1.2	5.6
20	13.74	21.23	38.35	28.85	5.95	5.83	102.2	1.8	6.1
30	13.83	21.30	38.48	28.93	5.87	5.81	101.0	3.4	5.6
50	14.04	21.32	38.51	28.92	6.24	5.78	108.8	1.8	4.0
75	14.07	21.34	38.55	28.94	5.59	5.78	96.6	1.3	5.5
100	14.08	21.36	38.58	28.95	5.56	5.78	96.3	2.2	4.9
1; 29 m; 1; 9/10 Cs, Ac, Cu; E 3 m/sec; 993									
11.7; 10.2; 11.4; 83 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
26. 4.1965. 1055-1215 104 m									
0	15.84	21.98	37.90	28.03				1.6	4.1
10	15.55	21.09	38.10	28.26					3.3
20	15.44	21.20	38.30	28.43				1.5	
30	15.37	21.22	38.33	28.47				0.5	8.1
50	15.30	21.31	38.48	28.61				4.0	7.0
75	14.60	21.34	38.55	28.81				2.9	3.2
100	14.27	21.36	38.58	28.91				1.5	4.4
2; 32 m; 2; 5/10 Cs; NW 5 m/sec; 1006									
18.2; 14.4; 13.9; 66 %									
25. 5.1966. 0855-1030 105 m									
0	20.70	21.64	37.29	26.34	5.45	5.21	104.6	1.2	
10	17.63	21.06	38.04	27.71	5.56	5.55	100.2	1.4	
20	15.91	21.14	38.19	28.24	6.29	5.62	112.2	0.2	
30	15.63	21.33	38.53	28.57	5.95	5.63	105.6	1.9	
50	15.08	21.33	38.53	28.69	6.53	5.68	115.0	0.3	2.9
75	14.65	21.36	38.58	28.82	6.05	5.73	105.6	1.2	8.8
100		21.37	38.60		5.78			1.2	7.0
1; 27 m; 2; 3/10 As,Cu; NE 2 m/sec; 1011									
21.4; 19.0; 20.4; 80 %									
16. 6.1966. 0725-0805 104 m									
0	20.90	21.00	37.94	26.78	5.38	5.17	104.2	2.4	3.7
10	20.89	21.00	37.94	26.78	5.19	5.17	100.6	3.9	3.0
20	18.72	21.20	38.30	27.64	5.43	5.35	101.3	2.4	1.2
30	17.41	21.24	38.37	28.02	5.50	5.46	100.6		0.5
50	15.53	21.29	38.46	28.54	5.05	5.64	89.5	3.3	2.1
75	14.77	21.37	38.60	28.81	5.24	5.73	91.5		3.5
100	14.55	21.38	38.62	28.88	5.38	5.74	93.8		2.1
2; 25 m; 1; 5/10 Ac; E 2 m/sec; 1002									
21.8; 19.6; 21.3; 82 %									
17. 6.1966. 0700-0740 104 m									
0	21.18	21.02	37.97	26.72					
10	20.91	21.06	38.04	26.85					
20	18.67	21.15	38.21	27.58					
30	17.11	21.16	38.22	27.98					
50	15.48	21.34	38.55	28.62					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	14.97	21.34	38.55	28.73					
100	14.55	21.35	38.57	28.84					

2; 28 m; 1; 2/10 Ci fil; N 6 m/sec; 1003

23.4; 19.0; 19.1; 68 %

8. 7.1966. 0735-0915 104 m

0	22.96	21.21	38.31	26.47	5.35	4.97	107.6	1.2	
10	22.74	21.21	38.31	26.54	4.98	4.99	99.7	2.9	5.7
20	18.00	21.23	38.35	27.87	5.59	5.41	103.3	1.4	7.0
30	16.42	21.28	38.44	28.31	5.78	5.55	104.3	1.6	5.0
50	15.22	21.30	38.48	28.62	5.83	5.67	102.6	0.8	3.3
75	14.77	21.31	38.49	28.73	5.83	5.72	102.2	1.2	3.9
100	14.65	21.33	38.53	28.79	5.47	5.73	95.4	0.8	

1; -; -; 0; NW 3 m/sec; 1003

23.6; 19.2; 19.3; 66 %

9. 8.1966. 0845-1030 107 m

0	25.14	21.25	38.39	25.89	5.37	4.78	113.7		1.3
10	24.42	21.27	38.42	26.14	5.56	4.84	114.8	2.3	1.5
20	22.00	21.28	38.44	26.85	5.56	5.05	110.0	3.8	3.6
30	17.85	21.31	38.49	28.00	6.05	5.44	111.2	2.3	1.0
50	15.78	21.35	38.57	28.57	7.18	5.62	127.8		1.5
75	15.30	21.39	38.64	28.73	6.04	5.67	106.7	1.2	2.5
100	14.85	21.39	38.64	28.83	5.47	5.71	95.7	4.0	3.6

3; 29 m; 2; -; SE 6 m/sec; 1008

25.4; 22.0; 24.1; 74 %

12. 9.1966. 1930-2010 103 m

0	24.06	21.22	38.33	26.16	5.70	4.88	116.7	0.0	2.2
10	23.46	21.26	38.40	26.40	5.78	4.94	116.9	0.0	2.2
20	22.67	21.29	38.46	26.67	5.25	5.00	105.0	0.0	2.0
30	17.67	21.31	38.49	28.04	6.23	5.54	114.3	2.5	3.2
50	15.79	21.32	38.51	28.51	6.03	5.62	107.4	2.3	5.9
75	15.20	21.34	38.55	28.68	5.53	5.67	97.4	3.0	3.5
100	14.98	21.37	38.60	28.77	5.27	5.69	92.7	2.7	4.5

0; -; -; -; 0; 1020

24.4; 22.2; 25.3; 83 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

13. 9.1966. 1615-1650 103 m

0	24.10	21.27	38.42	26.23
10	23.25	21.27	38.42	26.47
20	21.10	21.31	38.49	27.14
30	17.47	21.31	38.49	28.09
50	15.90	21.32	38.51	28.49
75	15.25	21.35	38.57	28.68
100	14.99	21.36	38.58	28.75

0; 26 m; 0; 0; 0; 1015.5

24.2; 21.8; 24.5; 81 %

13.10.1966. 0717-0915 104 m

0	22.06	21.21	38.31	26.74	5.16	5.04	102.3		5.4
10	22.04	21.26	38.40	26.81	4.84	5.04	95.2	2.7	4.8
20	21.94	21.27	38.42	26.86	4.86	5.05	96.2	3.4	4.6
30	21.84	21.28	38.44	26.90	5.21	5.06	102.6	3.2	3.8
50	19.90	21.28	38.44	27.44	5.18	5.23	99.2	2.5	3.6
75	16.23	21.33	38.53	28.42	5.39	5.58	96.6	1.4	5.0
100	15.60	21.33	38.53	28.58	5.40	5.64	95.8	3.5	4.6

2; 25 m; 1; 7/10 Cu, Cs, Cn; SSE 6 m/sec; 1014

21.8; 19.4; 20.9; 80 %

9.11.1966. 0755-0915 104 m

0	20.56	21.20	38.30	27.14	5.87	5.18	113.2	2.0	
10	20.54	21.20	38.30	27.15	5.59	5.18	107.9	1.0	
20	20.52	21.21	38.31	27.14	5.42	5.17	104.8	2.0	
30	20.48	21.21	38.31	27.24	5.73	5.17	110.5	1.7	
50	20.08	21.23	38.35	27.31	5.33	5.22	102.2	2.3	
75	18.64	21.24	38.37	27.70	5.43	5.34	101.5	1.7	
100	16.18	21.24	38.37	28.32	5.36	5.57	96.4	3.6	

1; 23 m; 1; 0; N 2 m/sec; 1023

15.6; 13.4; 13.9; 79 %

19.12.1966. 1337-1455 105 m

0	16.22	21.13	38.17	28.15	5.58	5.59	99.9	1.1	6.2
10	16.20	21.15	38.21	28.19	5.87	5.58	103.4	1.3	7.0
20	16.24	21.17	38.24	28.20	5.79	5.58	103.8	2.9	
30	16.22	21.18	38.26	28.23	5.81	5.58	104.2	0.0	5.3
50	16.22	21.19	38.28	28.24	5.90	5.58	105.5	0.1	5.9
75	16.08	21.20	38.30	28.28	5.61	5.59	100.3	1.7	4.2

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
100	15.47	21.36	38.58	28.64	5.64	5.64	100.0	0.3	6.6

1; 20 m; 0; 0; NW 3 m/sec; 1020
12.2; 9.8; 10.5; 74 %

25.12.1966. 0755-0840 105 m

0	15.13	21.04	38.01	28.28
10	15.12	21.07	38.06	28.32
20	15.14	21.08	38.08	28.33
30	15.12	21.11	38.13	28.38
50	15.14	21.13	38.17	28.41
75	15.22	21.21	38.31	28.49
100	14.50	21.36	38.58	28.76

2; 22 m; 1; 10/10 As, Cu; SE 7 m/sec; 1010
13.0; 10.2; 10.5; 71 %

26.12.1966. 1007-1035 105 m

0	15.47	21.15	38.21	28.36
10	15.48	21.11	38.13	28.30
20	15.48	21.20	38.30	28.42
30	15.46	21.22	38.33	28.45
50	15.46	21.26	38.40	28.51
75	15.47	21.30	38.48	28.56
100	14.95	21.32	38.51	28.71

2; 30 m; 2; 0; N 4 m/sec; 1022
10.4; 4.0; 3.9; 31 %

26. 1.1967. 0910-1050 104 m

0	13.14	21.04	38.01	28.71	5.79	5.89	98.4	1.9	3.2
10	13.18	21.09	38.10	28.77	5.54	5.89	94.2	2.2	4.0
20	13.22	21.09	38.10	28.77	5.64	5.89	95.7	0.8	2.7
30	13.26	21.10	38.12	28.77	5.62	5.88	95.4	1.8	1.6
50	13.38	21.10	38.12	28.75	5.74	5.87	97.8	0.3	3.0
75	13.46	21.17	38.24	28.82	5.69	5.86	97.1	1.0	4.2
100	13.94	21.20	38.30	28.78	5.70	5.80	98.4	1.3	5.4

1; 23 m; 2; 8/10 Cs; N 5 m/sec; 1025
11.3; 8.8; 8.3; 55 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
22. 2.1967. 0810–0935 104 m									
0	13.16	20.87	37.70	28.46	5.99	5.92		3.0	
10	13.12	20.94	37.83	28.58	5.99	5.91	101.4	3.2	
20	13.10	21.02	37.97	28.69	5.87	5.91	99.4	4.4	
30	13.10	21.05	38.03	28.73	5.80	5.91	98.3	0.5	
50	13.06	21.06	38.04	28.75	6.09	5.91	103.2	1.2	
75	12.96	21.09	38.10	28.82	5.84	5.92	98.7	0.4	
100	12.72	21.09	38.10	28.87	5.90	5.94	99.4	2.3	
0; 31 m; 0; 0; 0; 1016									
12.6; 11.7; 13.1; 90 %									
25. 3.1967. 2043–2135 105 m									
0	13.10	21.19	38.28	28.93	5.56	5.89	94.5	0.5	
10	13.10	21.24	38.37	29.00	5.58	5.88	95.0	1.5	
20	13.12	21.27	38.42	29.03	5.78	5.88	98.3	0.0	4.7
30	13.14	21.28	38.44	29.04	5.67	5.88	96.4	2.9	
50	13.26	21.31	38.49	29.05	5.50	5.88	93.5	0.7	
75	13.26	21.33	38.53	29.09	5.66	5.87	96.4	1.1	
100	13.32	21.37	38.60	29.13	5.67	5.86	96.8	3.6	5.0
0; –; –; 0; S 2 m/sec; 1021									
11.8; 7.0; 6.8; 49 %									
26. 4.1967. 0936–1112 104 m									
0	14.30	21.20	38.30	28.69	5.93	5.77	102.9	1.9	9.6
10	14.40	21.23	38.35	28.71	5.79	5.76	100.6	3.0	5.0
20	14.50	21.29	38.46	28.77	5.69	5.74	99.2	1.5	3.5
30	14.46	21.30	38.48	28.78	5.94	5.74	103.5	3.7	0.0
50	14.44	21.31	38.49	28.81	5.65	5.74	98.4	3.6	
75	14.22	21.34	38.55	28.91	5.85	5.77	101.2	2.6	4.5
100	14.08	21.35	38.57	28.95	5.75	5.78	92.4	1.9	5.2
3; 27 m; 0; 10/10 Ns, Fe; N 9 m/sec; 1011									
10.2; 8.6; 10.1; 81 %									
20. 5.1967. 0931–1102 106 m									
0	17.24	21.11	38.13	27.88	5.71	5.49	104.0	1.7	4.5
10	16.34	21.14	38.19	28.14	5.91	5.57	106.0		4.3
20	15.64	21.16	38.22	28.33	5.87	5.65	103.8	2.9	8.0
30	14.74	21.18	38.26	28.56	6.08	5.73	106.1		1.6
50	14.64	21.19	38.28	28.60	6.10	5.74	106.2	1.6	1.6
75	14.46	21.22	38.33	28.68	5.89	5.75	102.4		0.9

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
100	14.34	21.25	38.39	28.75	5.89	5.76	102.2		3.7

2; 27 m; 2; 7/10 Ac; E 5 m/sec; 1014
16.6; 14.6; 15.3; 81 %

26. 6.1967. 0850-0955 103 m

0	21.85	21.00	37.94	26.52	5.42	5.08	106.5	2.6	3.8
10	20.00	21.07	38.06	27.12	5.30	5.23	101.2	3.0	0.2
20	17.35	21.18	38.26	27.95	5.44	5.47	99.6	2.5	1.1
30	16.17	21.31	38.49	28.41	5.67	5.57	101.9	1.8	0.0
50	15.27	21.33	38.53	28.64	5.55	5.66	98.0	0.6	3.5
75	14.70	21.40	38.66	28.88	5.55	5.71	97.2	1.3	9.4
100	14.35	21.41	38.68	28.97	5.88	5.74	102.5	1.5	1.1

0; 33 m; 0; -; 0; 1022
23.6; 20.2; 21.5; 70 %

21. 7.1967. 0725-0847 105 m

0	23.75	20.93	37.81	25.87	4.98	4.93	101.0	1.7	
10	23.29	21.07	38.06	26.19	5.61	4.96	113.0	1.7	
20	17.95	21.33	38.53	28.01	5.58	5.41	103.1	1.3	
30	16.38	21.36	38.58	28.43	6.22	5.56	111.9	1.5	
50	15.30	21.43	38.71	28.79	6.03	5.65	106.8	1.8	
75	14.78	21.46	38.77	28.95	5.53	5.71	97.0	1.3	
100	14.33	21.46	38.77	29.05	5.08	5.74	88.7	1.2	

1; 23 m; 1; 0; NW 5 m/sec; 1018
23.7; 22.1; 25.5; 87 %

6. 8.1967. 0650-0847 105 m

0	26.42	21.13	38.17	25.30				3.1	
10	25.96	21.19	38.28	25.55				1.5	6.5
20	17.96	21.34	38.55	26.03				2.8	5.4
30	16.59	21.36	38.58	28.39				3.9	8.8
50	15.38	21.39	38.64	28.70				1.3	9.2
75	14.96	21.39	38.64	28.80				2.1	9.0
100	14.80	21.39	38.64	28.84				1.3	

0-1; 27 m; 2; 0; S 3 m/sec; 1014
26.3; 24.2; 28.7; 84 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
10. 9.1967. 0815-0835 105 m									
0	23.00	21.16	38.22	26.39	4.94	4.97	99.4	1.8	
10	22.60	21.19	38.28	26.56	5.57	5.00	111.3		
20	18.40	21.27	38.42	27.81	5.86	5.37	109.2	3.0	
30	16.98	21.28	38.44	28.18	5.66	5.51	102.7	1.4	
50	15.80	21.28	38.44	28.46	5.66	5.62	100.7		
75	15.30	21.34	38.55	28.66	5.54	5.66	97.9	4.3	
100	15.13	21.37	38.60	28.73	5.60	5.68	98.4	1.3	
1; 29 m; 1; 10 Ac, Cu, St; SE 1 m/sec; 1015									
20.8; 17.6; 17.6; 73 %									
10.10.1967. 0855-1030 102 m									
0	22.34	21.25	38.30	26.71	5.63	5.01	112.4	3.5	
10	22.28	21.27	38.42	26.75	5.45	5.03	108.4	3.6	
20	22.22	21.30	38.48	26.81	5.42	5.04	107.3		
30	22.14	21.31	38.49	26.84	5.27	5.04	104.4		
50	16.90	21.33	38.53	28.26	6.13	5.51	110.9	4.8	
75	15.70	21.33	38.53	28.55	5.90	5.63	104.6		
100	15.24	21.36	38.58	28.69	5.97	5.68	105.0	3.3	
0; 31 m; 1; 5/10 Ci; 0; 1024									
21.4; 19.2; 20.8; 82 %									
12.11.1967. 0815-1005 107 m									
0	19.57	21.30	38.48	27.54	5.32	5.27	100.6	0.4	0.0
10	19.58	21.31	38.49	27.55	5.24	5.27	99.6	0.0	0.0
20	19.58	21.31	38.49	27.55	5.27	5.27	100.0		
30	19.58	21.33	38.53	27.58	5.52	5.27	104.6		5.4
50	19.51	21.33	38.53	27.60	5.28	5.27	100.2		1.7
75	17.75	21.37	38.60	28.10	5.76	5.44	105.9	4.2	
100	17.53	21.37	38.60	28.15	6.05	5.45	111.0		
2-3; 27 m; 2; 2 Cs; N 8 m/sec; 1017									
12.4; 8.0; 51.7; 54 %									
19.12.1967. 0920-1005 107 m									
0	16.50	21.44	38.73	28.51	5.24	5.54	94.6	2.9	
10	16.54	21.46	38.77	28.53	5.46	5.53	98.7	1.2	
20	16.53	21.47	38.78	28.54	5.42	5.53	97.9		
30	16.54	21.47	38.78	28.54	5.27	5.53	95.4		
50	16.54	21.49	38.82	28.58	5.30	5.53	95.7	1.7	
75	16.53	21.49	38.82	28.58	5.26	5.53	95.1	3.9	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
100	16.42	21.50	38.84	28.62	5.21	5.54	94.0		

2; 25 m; 2; 1/10 As; NW 12 m/sec; 1020
9.8; 6.1; 7.0; 58 %

17. 1.1968. 1030-1225 106 m

0	14.30	21.46	38.77	29.05	5.37	5.85	91.8		6.1
10	14.30	21.46	38.77	29.05	5.68	5.85	97.2	4.3	
20	14.30	21.47	38.78	29.06	5.68	5.85	97.2		6.9
30	14.20	21.48	38.80	29.10	5.82	5.86	99.4	4.2	4.7
50	14.20	21.48	38.80	29.10	5.74	5.86	98.0	4.5	5.7
75	13.90	21.49	38.82	29.18	5.87	5.89	99.6		
100	13.70	21.49	38.82	29.22	5.72	5.91	96.7	4.7	7.5

1; 18 m; 1; 10/10 Cu, Cs; SE 8 m/sec; 1022
12.5; 11.0; 12.1; 84 %

16. 2.1968. 0845-1035 104 m

0	13.43	21.39	38.64	29.13	5.47	5.85	93.6	1.8	
10	13.41	21.43	38.71	29.19	5.54	5.84	95.0	2.2	5.5
20	13.41	21.44	38.73	29.21	6.43	5.84	110.1	1.9	7.6
30	13.40	21.44	38.73	29.21	5.52	5.84	94.5	1.6	6.5
50	13.39	21.46	38.77	29.24	5.55	5.85	95.0	3.0	5.2
75	13.34	21.49	38.82	29.30	5.47	5.85	93.7	2.9	6.1
100	13.26	21.50	38.84	29.32	5.36	5.86	91.5	3.3	6.2

2; 23 m; 2; 9/10 Cu, Cs, As; S 2 m/sec; 1001
13.2; 11.0; 11.6; 77 %

17. 3.1968. 0735-0825 105 m

0	13.35	21.42	38.69	29.19	5.52	5.85	94.3	1.2	
10	13.34	21.43	38.71	29.20	5.53	5.85	94.6	0.9	
20	13.33	21.44	38.73	29.20	5.57	5.85	95.2	1.2	
30	13.31	21.45	38.75	29.24	5.56	5.85	95.2	0.4	7.0
50	13.33	21.45	38.75	29.25	5.46	5.85	93.3	2.3	6.8
75	13.30	21.44	38.73	29.23	5.53	5.85	94.6	0.9	6.8
100	13.34	21.44	38.73	29.23	5.53	5.85	94.6	1.5	3.0

2; 27 m; 2; 3/10 As; ESE 11 m/sec; 1016
12.8; 10.9; 11.6; 78 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
18. 4.1968. 1030-1215 104 m									
0	15.93	21.17	38.24	28.28	5.96	5.61	106.4		
10	14.92	21.23	38.35	28.60	5.62	5.71	98.5	2.1	
20	14.71	21.30	38.48	28.73	5.28	5.73	92.2		
30	14.37	21.31	38.49	28.82	5.68	5.75	98.8	4.0	
50	14.21	21.34	38.55	28.91	5.79	5.76	100.5	4.7	
75	13.95	21.36	38.58	28.98	5.04	5.79	87.2		
100	13.88	21.43	38.70	29.08	5.52	5.79	95.2		
0; 25 m; 2; 0; NW 1 m/sec; 1020									
16.2; 14.9; 15.8; 86 %									
17. 5.1968. 0815-1027 104 m									
0	18.72	20.92	37.79	27.26	5.49	5.36	102.4		
10	18.42	20.94	37.83	27.34	5.66	5.36	105.0	4.6	10.2
20	15.78	21.27	38.42	28.44	5.96	5.62	106.2		
30	15.18	21.32	38.51	28.66	6.27	5.67	110.0		
50	14.85	21.38	38.62	28.81	5.55	5.70	97.4	2.2	
75	14.68	21.39	38.64	28.87	5.89	5.72	103.0	1.3	3.7
100	14.52	21.39	38.64	28.91	5.49	5.73	96.8		
1-2; 26 m; 1; 0; W 3 m/sec; 1010									
17.6; 15.6; 16.4; 81 %									
20. 6.1968. 1144-1221 105 m									
0	23.28	20.86	37.68	25.90	5.12	4.97	102.9		
10	21.35	21.30	38.48	27.06	5.24	5.10	102.8	3.8	5.5
20	18.68	21.38	38.62	27.89	5.38	5.33	101.0	2.7	3.8
30	17.30	21.40	38.66	28.27	5.42	5.46	99.4		
50	15.62	21.46	38.77	28.76	5.41	5.62	96.5	3.5	7.5
75	14.76	21.46	38.77	28.94	5.56	5.69	97.6	3.7	5.4
100	14.63	21.48	38.80	29.00	5.47	5.71	95.6		
2-3; 27 m; 1; 9 Ac, Cu; SE 5 m/sec; 1014									
23.4; 21.2; 23.7; 82 %									
24. 7.1968. 0925-1100 105 m									
0	22.69	21.21	38.31	24.85	5.04	5.00	100.9	2.3	3.5
10	21.52	21.22	38.33	26.91	5.24	5.09	102.9	3.5	5.2
20	18.25	21.48	38.80	28.15	5.92	5.37	110.2	5.4	7.6
30	16.49	21.50	38.84	28.60	5.82	5.54	105.1		
50	15.25	21.50	38.84	28.90	5.56	5.64	98.6	1.5	1.7

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	14.86	21.51	38.86	29.00	5.30	5.69	93.2		3.4
100	14.78	21.51	38.86	29.01	5.17	5.70	90.6	2.7	4.0

3; 25 m; 2; 0; SE 7 m/sec; 1015

22.0; 19.1; 20.2; 77 %

15. 8.1968. 0955-1245 108 m

0	22.69	21.38	38.62	26.78	5.02	4.98	100.7		7.6
10	22.44	21.44	38.73	26.95	5.59	5.00	111.9	4.7	7.4
20	18.20	21.45	38.75	28.11	4.94	5.37	92.0	0.3	0.7
30	16.66	21.45	38.75	28.49	5.20	5.52	99.7		5.9
50	15.20	21.47	38.78	28.86	5.10	5.66	90.0	0.2	1.4
75	15.05	21.50	38.84	28.94	5.07	5.67	89.4	1.2	2.1
100	14.88	21.54	38.91	29.03	4.97	5.69	87.4	2.4	3.1

0-1; 27 m; 2; 3/10 Ci, Cs, Cu; N 3 m/sec; 1004

21.0; 15.8; 14.5; 58 %

26. 9.1968. 1002-1055

0	21.28	21.53	38.89	27.39	5.07	5.09	99.4	2.5	8.4
10	21.22	21.53	38.89	27.41	4.96	5.09	97.4		
20	21.17	21.54	38.91	27.44	4.98	5.09	97.8		5.2
30	18.01	21.56	38.95	28.31	5.58	5.38	103.8		
50	15.68	21.57	38.96	28.89	5.42	5.60	96.7	1.8	7.6
75	15.08	21.58	38.98	29.04	5.11	5.66	90.3	4.2	
100	14.92	21.58	38.98	29.08	5.09	5.68	89.5	3.6	

3; 25 m; 2; 0; NE 9 m/sec; 1020

19.0; 12.2; 9.7; 44 %

16.10.1968. 1010-1110 105 m

0	20.49	21.41	38.68	27.46	5.12	5.17	99.1		7.1
10	20.38	21.42	38.69	27.49	5.10	5.18	98.4	0.8	5.5
20	20.43	21.43	38.71	27.50	5.05	5.17	97.7	2.2	1.9
30	17.76	21.53	38.89	28.32	5.27	5.41	97.3		
50	16.02	21.53	38.89	28.75	4.93	5.57	88.3	0.0	7.1
75	15.35	21.55	38.93	28.94	5.57	5.64	98.9		4.1
100	15.02	21.56	38.95	29.03	5.79	5.66	102.2	1.7	5.1

1; 26 m; 1; 0; SW 54 m/sec; 1015

20.2; 15.4; 14.3; 60 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
13.11.1968. 0810-0943 105 m									
0	18.08	21.17	38.24	27.75	5.11	5.32	96.0	4.6	5.0
10	18.07	21.21	38.31	27.80	5.37	5.31	101.2	3.9	4.9
20	18.07	21.25	38.39	27.87	5.33	5.31	100.3	3.8	4.1
30	18.02	21.31	38.49	27.96	5.32	5.31	100.3		7.4
50	17.72	21.38	38.62	28.13	5.41	5.32	101.9		4.6
75	17.45	21.41	38.68	28.25	5.34	5.33	100.3	1.7	5.4
100	16.74	21.44	38.73	28.46	5.47	5.37	100.2	1.3	4.1
1; -; -; 4/10 Ac, Cs, Cu; NE 20 m/sec; 1009									
15.4; 12.8; 13.1; 75 %									
20.12.1968. 1135-1230 104 m									
0	16.30	21.30	38.48	28.37	5.64	5.57	101.3	1.9	4.5
10	16.28	21.36	38.58	28.44	5.83	5.57	104.6	2.7	5.4
20	16.28	21.37	38.60	28.46	5.78	5.57	103.8	4.7	
30	16.30	21.39	38.64	28.49	5.73	5.56	103.1		6.7
50	16.28	21.41	38.68	28.52	5.59	5.66	100.4	3.8	4.3
75	16.26	21.42	38.69	28.54	5.57	5.56	100.1	2.5	3.1
100	16.26	21.45	38.75	28.58	5.56	5.56	100.0	1.6	2.5
3; 23 m; 2; 6/10 Cu, Ac, Ci; N 6 m/sec; 1003									
14.2; 9.8; 9.2; 57 %									
23. 1.1969. 0825-1020 104 m									
0	13.88	21.33	38.53	28.96	6.17	5.81		1.5	1.6
10	13.96	21.35	38.57	28.96	6.02	5.79		3.0	2.1
20	13.96	21.36	38.58	28.97	5.85	5.79		2.4	1.9
30	13.95	21.38	38.62	29.00	5.57	5.78		3.1	4.1
50	13.92	21.39	38.64	29.02	5.86	5.78		1.2	2.5
75	13.93	21.40	38.66	29.04	5.63	5.78		1.3	4.3
100	13.92	21.43	38.71	29.08	6.07	5.78			4.3
2-3; 19 m; 1; 9 Cs; N 5 m/sec; 1018									
10.4; 7.8; 8.8; 70 %									
25. 2.1969. 2005-2155 105 m									
0	13.32	21.24	38.37	28.96	5.24	5.87	89.5	3.9	
10	13.32	21.28	38.44	29.01	5.42	5.87	92.2	2.5	4.0
20					5.47			0.0	5.1
30					5.20			0.8	6.0
50	14.00	21.40	38.66	29.03	5.03	5.79	86.9	2.2	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	14.10	21.40	38.66	29.02	5.21	5.77	90.4	1.4	4.3
100	14.21	21.47	38.78	29.07	4.84	5.76	84.2	2.9	5.4

1-2; -; -; -; SW 6 m/sec; 1000

10.4; 8.2; 9.5; 75 %

21. 3.1969. 0956-1030 105 m

0	14.22				5.90			4.2	4.3
10	14.48				5.90			2.2	5.1
20	14.36				6.21			3.6	4.1
30	14.51				6.32			3.6	4.6
50	14.54				6.22			3.0	4.8
75	14.54				5.58			1.9	1.3
100	14.26				5.22			3.1	

2-3; 21 m; 2; 5/10 Ci, Cs; NE 5 m/sec; 1008

11.2; 7.6; 8.0; 60 %

22. 3.1969. 0600-0640 104 m

0	14.40	21.44	38.73	29.00
10	14.40	21.47	38.78	29.03
20	14.44	21.47	38.78	29.02
30	14.46	21.50	38.84	29.07
50	14.47	21.50	38.84	29.07
75	14.53	21.51	38.86	29.07
100	14.42	21.58	38.98	29.18

2-3; -; 2; 7/10 As; N 3 m/sec; 1013

10.2; 5.4; 5.7; 46 %

10. 4.1969. 0637-0908 105 m

0	14.54	21.32	38.51	28.80	6.43	5.73	106.2	2.4	5.4
10	14.56	21.36	38.58	28.85	6.56	5.74	107.0	1.9	2.2
20	14.60	21.36	38.58	28.84	5.75	5.73	100.0	1.4	1.3
30	14.62	21.40	38.66	28.90	6.40	5.72	105.8	1.9	3.4
50	14.56	21.46	38.77	28.99	6.13	5.73	103.3	1.5	4.0
75	14.46	21.51	38.86	29.09	6.28	5.73	104.6	1.8	3.1
100	13.58	21.51	38.86	29.28	6.62	5.82	106.8	1.5	4.5

0-1; 24 m; 2; -; W 2 m/sec; 1021

11.7; 7.8; 7.9; 57 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
13. 5.1969. 0845-1050 105 m									
0	17.89	20.52	37.07	26.91	5.47	5.47	100.0	1.9	5.4
10	16.58	21.18	38.26	28.14	5.69	5.56	102.4	3.6	
20	16.43	21.26	38.40	28.27	5.48	5.56	98.6	2.6	8.5
30	15.50	21.40	38.66	28.70	5.59	5.64	99.1	2.7	5.2
50	14.92	21.41	38.68	28.85	5.92	5.70	103.9	3.4	2.9
75	14.82	21.44	38.73	28.90	5.88	5.70	103.2	3.8	6.0
100	14.68	21.47	38.78	28.97	5.50	5.72	96.2	3.3	2.7
0-1; 25 m; 1; 6/10 Cs; NW 3 m/sec; 1015									
19.6; 15.4; 14.7; 65 %									
17. 6.1969. 0817-0920 105 m									
0	20.93	20.93	37.81	26.68	5.64	5.16	109.3	2.2	3.4
10	20.94	20.93	37.81	26.68	6.05	5.16	117.3	4.0	5.5
20	20.52	21.05	38.03	26.94	5.75	5.18	111.0	3.8	5.7
30	16.07	21.37	38.60	28.51	5.48	5.58	98.2	4.6	4.2
50	15.32	21.41	38.68	28.75	5.00	5.65	88.5	4.8	6.2
75	14.91				5.61				5.3
100	14.72	21.37	38.60	28.83	5.33	5.72	93.2		4.6
1-2; 26 m; 2; -; NW 2 m/sec; 1007									
21.4; 19.2; 20.8; 82 %									
18. 6.1969. 0742-0812 104 m									
0	21.10	20.93	37.81	26.62					
10	21.02	21.03	37.99	26.78					
20	17.88	21.27	38.42	27.93					
30	15.50	21.28	38.44	28.53					
50	15.14	21.37	38.60	28.73					
75	14.90	21.37	38.60	28.78					
100	14.70	21.52	38.87	29.04					
2-3; 26 m; 1; -; N 3 m/sec; 1005									
21.4; 19.6; 21.5; 83 %									
17. 7.1969. 0940-1135									
0	20.19	21.09	38.10	27.09	5.57	5.22	106.8	1.5	3.1
10	19.45	21.09	38.10	27.29	5.39	5.29	102.0	2.5	1.8
20	17.84	21.74	38.55	28.04	5.59	5.42	103.2	1.8	0.0
30	15.72	21.45	38.75	28.71	5.75	5.61	102.6	1.9	
50	15.23	21.52	38.87	28.92	5.48	5.66	96.8	3.0	1.3

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	14.94	21.53	38.89	29.00	5.43	5.69	95.5	1.4	8.6
100	14.08				5.27			0.0	3.5

-; 32 m; 1; -; 0; 1016

22.2; 18.8; 19.5; 73 %

15. 8.1969. 0950-1147 105 m

0	23.60	21.22	38.33	26.30	5.09	4.91	103.8	3.1	5.6
10	23.61	21.20	38.30	26.28	5.37	4.91	109.2	2.5	5.3
20	18.20	21.37	38.60	28.00	5.81	5.39	108.0	2.0	2.8
30	16.40	21.47	38.78	28.57	5.81	5.55	104.8	1.4	2.2
50	15.35	21.49	38.82	28.87	5.55	5.65	98.2	1.5	4.4
75	14.96	21.49	38.82	28.95	5.42	5.69	95.2	0.0	4.9
100	14.64	21.49	38.82	29.02	5.13	5.71	89.8	1.9	4.3

2-3; 22 m; 1; 8/10 St, Cu, Ci; E 6 m/sec; 1000

24.9; 21.6; 23.7; 76 %

9. 9.1969. 1015-1117 103 m

0	23.54	21.32	38.51	26.46	4.52	5.08	85.4	3.7	2.7
10	23.36	21.39	38.64	26.60	4.80	4.93	97.4	1.8	2.3
20	21.16	21.42	38.69	27.27	5.52	5.11	108.0	2.0	3.5
30	17.39	21.42	38.69	28.27	5.58	5.46	102.2	0.5	
50	15.80	21.47	38.78	28.72	5.39	5.60	96.2	3.3	
75	15.09	21.50	38.84	28.93	5.57	5.67	98.3	0.8	6.9
100	14.90	21.52	38.87	28.99	5.14	5.69	90.3	2.7	3.6

0; 30 m; 2; 3/10 Cu, Cs; 0; 1016

23.4; 20.0; 21.1; 73 %

10. 9.1969. 0735-0815 103 m

0	23.23	21.25	38.39	26.46
10	23.14	21.29	38.46	26.52
20	21.44	21.40	38.66	27.17
30	17.51	21.40	38.66	28.20
50	15.80	21.50	38.84	28.77
75	15.08	21.51	38.86	28.95
100	14.85	21.52	38.87	29.00

2; 26 m; 1; 9/10 Cs, St, Cu; SE 4 m/sec; 1016

22.4; -; -; -

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
8.10.1969. 0915-1055 104 m									
0	21.62	21.30	38.48	26.99	5.44	5.07	107.2	1.1	0.6
10	21.62	21.32	38.51	27.01	4.84	5.07	95.4	3.4	5.8
20	21.58	21.38	38.62	27.10	5.34	5.07	105.3	1.9	1.4
30	21.55	21.43	38.71	27.18	4.87	5.07	96.0	2.5	3.1
50	16.90	21.49	38.82	28.58	5.06	5.49	92.2	0.9	3.9
75	16.81	21.62	38.84	28.62	5.56	5.51	100.9	0.1	2.7
100	15.74	21.62	39.05	28.94	5.80	5.56	104.3	2.1	2.1
1; 28 m; 1; 7/10 Cs, Ci; NE 1 m/sec; 1016									
20.8; 15.0; 13.2; 54 %									
4.11.1969. 0930-1100 105 m									
0	20.38	21.42	38.69	27.50	5.07	5.19	97.8	1.8	4.9
10	20.35	21.44	38.73	27.54	5.14	5.18	99.2		
20	20.35	21.48	38.80	27.58	5.18	5.19	99.8	1.7	1.9
30	20.36	21.48	38.80	27.58	5.07	5.17	98.0		
50	20.35	21.50	38.84	27.62	5.07	5.17	98.0	0.2	0.2
75	17.30	21.51	38.86	28.42	5.56	5.45	102.0	2.6	1.1
100	15.65	21.53	38.89	28.84	5.29	5.56	95.2	3.6	6.7
1; -; -; 9/10 St, As, Cu; NW 1 B; 1013									
17.8; 15.2; 15.6; 76 %									
15.12.1969. 0913-1020 104 m									
0	16.41	21.37	38.60	28.43	5.59	5.55	100.7	1.21	3.40
10	16.47	21.38	38.62	28.43	5.92	5.54	106.8	2.68	
20	16.46	21.38	38.62	28.43	5.34	5.54	96.4		4.79
30	16.48	21.38	38.62	28.42	5.53	5.54	99.9	0.00	5.49
50	16.44	21.39	38.64	28.45	5.52	5.54	99.7	3.58	3.96
75	16.40	21.40	38.66	28.48	5.62	5.55	101.2		8.81
100	15.74	21.40	38.66	28.48	5.64	5.61	100.4	0.79	4.86
1; 20 m; 1; 7/10 Ci, As, Ac; W 1 m/sec; 990									
14.2; 8.6; 7.5; 46 %									
20. 1.1970. 1138-1345 103 m									
0	13.83	21.32	38.51	28.96	5.42	5.80	93.4	0.5	3.9
10	13.85	21.32	38.51	28.95	5.12	5.80	88.2	2.3	7.7
20	14.00	21.33	38.53	28.93	5.28	5.79	91.3	4.3	6.3
30	14.18	21.42	38.69	29.02	5.47	5.77	94.8	1.7	2.4
50	14.20	21.45	38.75	29.05	5.75	5.76	99.7	2.2	2.9

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	14.60	21.51	38.86	29.05	5.55	5.77	96.3	2.3	2.9
100	14.52	21.58	38.98	29.17	5.13	5.71	89.8	2.7	2.1

2; 24 m; 2 km; -; NW 4 m/sec; 1008

8.4; 6.1; 7.7; 70 %

12. 2.1970. 1050-1245 100 m

0	13.48	21.11	38.13	28.73	5.59	5.86	95.5	0.9	6.2
10	13.48	21.11	38.13	28.73	5.47	5.86	93.3	2.3	5.5
20	13.88	21.31	38.49	28.92	5.67	5.80	97.5	2.7	4.0
30	14.00				5.83			2.0	4.1
50	14.10	21.51	38.77	29.09	5.89	5.77	102.1	2.3	0.9
75	14.10	21.51	38.86	29.17	5.73	5.77	99.6	0.0	4.8
100	14.32				5.49			4.6	5.8

3; 27 m; 2 km; 1/10 As; NE 200 m/min; 998

8.4; 4.7; 6.1; 56 %

27. 3.1970. 0954-1040 103 m

0	13.56	20.86	37.68	28.37	5.47	5.88	92.9	0.0	4.2
10	13.52	20.89	37.74	28.42	5.12	5.87	87.1	0.2	7.4
20	13.47	21.32	38.51	29.03	5.28	5.85	90.2	1.3	7.4
30	13.48	21.35	38.57	29.07	5.30	5.85	90.6	0.5	4.9
50	13.48	21.37	38.60	29.10	5.27	5.84	90.4	0.1	7.5
75	13.57	21.37	38.60	29.08	5.22	5.83	89.5	1.1	
100	14.04	21.43	38.71	29.06	4.94	5.78	85.4	1.2	5.0

2; 20 m; 0; 10/10 Cu; SE 258 m/min; 1003

14.0; 12.7; 13.8; 86 %

24. 4.1970. 0835-1022 106 m

0	14.78	20.65	37.30	27.81	5.56	5.76	96.6	1.9	6.7
10	14.02	20.96	37.86	28.40	5.70	5.81	98.1	1.2	8.7
20	14.42	21.21	38.31	28.68	5.53	5.75	96.2	0.3	6.1
30	14.46	21.28	38.44	28.76	5.48	5.74	95.4	1.0	6.6
50	14.32	21.28	38.44	28.76	5.42	5.75	94.2	1.4	5.5
75	14.30	21.30	38.48	28.83	5.56	5.76	96.3	1.5	7.0
94	14.32	21.33	38.53	28.96	5.22	5.75	93.8	0.1	5.5

0-2; 16 m; 1; -; E 84 m/min; 1022

14.7; 13.2; 14.3; 86 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
14. 5.1970. 0745-1015 104 m									
0	16.62	21.26	38.40	28.24	6.29	5.53	113.3	0.0	3.9
10	15.62	21.31	38.49	28.54	5.67	5.62	101.2	1.1	2.9
20	15.46	21.33	38.53	28.61	5.89	5.64	104.5	2.3	4.0
30	15.16	21.33	38.53	28.68	5.72	5.67	100.8	1.4	4.5
50	14.78	21.38	38.62	28.82	5.69	5.71	99.5	0.7	4.8
75	14.58	21.39	38.64	28.89	5.64	5.73	98.5	1.3	2.0
100	14.48	21.40	38.66	28.93	5.26	5.73	91.9	1.2	1.5
1; 25 m; 1; 1/10 Ac; SE 2 m/sec; 1015									
17.8; 15.6; 16.3; 80 %									
13. 6.1970. 0935-1025 104 m									
0	20.32	21.05	37.03	26.24	5.13	5.20	98.5	1.9	
10	18.88	21.13	38.17	27.49	5.37	5.34	100.3	2.5	4.3
20	17.87	21.20	38.30	27.84	5.31	5.42	97.7	2.2	5.9
30	16.82	21.26	38.40	28.18	5.39	5.52	97.6	3.5	3.6
50	15.05	21.32	38.51	28.68	5.79	5.69	101.8	2.1	6.6
75	14.70	21.33	38.53	28.78	5.39	5.72	94.2	2.1	7.1
100	14.66	21.44	38.73	28.94	5.22	5.71	91.4	2.8	4.2
0; 26 m; 0; -; 0; 1003									
23.0; 19.3; 20.1; 72 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4mg/t	P-tot mg/t
							N-NO_3 mg/t	N-NO_2 mg/t	N-NH_4 mg/t
8. 7.1970. 0825-1014 104 m									
0	21.26	21.11	38.13	26.82	4.60	5.16	89.2	1.5	1.7
							2.38	0.000	16.94
10	20.42	21.14	38.19	27.10	4.62	5.19	89.0	0.8	1.0
							2.38	0.000	24.92
20	15.92	21.33	38.53	28.50	5.08	5.60	90.6	1.1	0.0
							1.40	0.000	9.80
30	15.84	21.35	38.57	28.55	5.13	5.61	91.5	0.3	1.7
							0.98	0.000	4.90
50	15.25	21.35	38.57	28.68	4.91	5.66	86.8	3.1	3.1
							4.62	0.000	24.92

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4mg/t	P-tot mg/t
							N-NO_3 mg/t	N-NO_2 mg/t	N-NH_4 mg/t
75	14.80	21.36	38.58	28.80	4.71	5.71	82.5	2.2	4.9
								1.148	12.04
100	14.72	21.37	38.60	28.83	4.55	5.72	79.6	3.6	3.1
								0.224	15.96
2; 27 m; 1; 2/10 Ci; NW 2 m/sec; 1008									
22.2; 18.7; 19.1; 71 ‰									
11. 8.1970. 0835-0110 105 m									
0	23.65	20.89	37.68	25.79	4.86	4.93	98.6	2.0	0.6
							2.94	0.336	24.50
10	23.23	20.97	37.88	26.06	5.03	4.96	101.3	3.6	0.6
								0.280	1.96
20	18.05	21.26	38.40	27.88	5.74	5.40	106.1		4.3
								0.112	17.50
30	16.54	21.27	38.42	28.27	5.97	5.54	107.9	1.8	4.6
							1.82	0.000	12.18
50	15.52	21.28	38.44	28.55	5.58	5.64	99.0	3.1	0.0
							3.64	0.000	14.00
75	15.10	21.29	38.46	28.64	5.46	5.69	91.3	3.2	5.7
							3.92	0.336	1.96
100	14.90	21.31	38.49	28.70	5.14	5.71	89.9	3.1	5.8
							3.92	0.224	3.92
2; 28 m; 2; 7/10 Ce, Sc, C; N 5 m/sec; 1008									
22.3; 18.8; 19.3; 71 ‰									
7. 9.1970. 0930-1035 103 m									
0	23.47	21.34	38.55	26.50	4.72	4.92	96.0		4.7
							6.16	0.840	29.54
10	22.64	21.42	38.69	26.84	4.72	4.98	94.9	0.0	5.9
							3.08	1.134	37.52
20	18.76	21.44	38.73	27.95	5.28	5.31	99.4		3.1
							3.92	0.000	49.56
30	17.30	21.45	38.75	28.32	5.77	5.45	106.0	1.2	4.6
							2.38	0.658	49.56
50	15.68	21.48	38.80	28.76	6.06	5.60	108.4	1.5	3.4
							2.38	0.476	66.50
75	15.22	21.48	38.80	28.86	5.44	5.65	96.3	3.4	2.7
							3.78	0.756	37.52
100	15.02	21.49	38.82	28.93	5.11	5.67	90.2	2.2	3.7
								2.380	70.00
0; 34 m; 1; 0; 0; 1012									
23.2; 21.8; 25.2; 89 ‰									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / N-NO_3 mg/t	P-PO_4mg/t / N-NO_2 mg/t	P-tot mg/t / N-NH_4 mg/t
6.10.1970. 1045–1200 105 m									
0	20.62	21.34	38.55	27.31	3.19	5.15	62.0 4.90	1.4 0.000	9.6 4.48
10	20.62	21.36	38.58	27.34	5.13	5.15	99.6 0.00	2.2 0.616	4.3 50.12
20	20.54	21.39	38.64	27.38	5.15	5.16	99.8 4.62	2.8 0.000	1.4 39.20
30	20.27	21.40	38.66	27.49	5.39	5.19	103.8 4.48	2.0 0.462	4.3 43.12
50	16.90	21.43	38.71	28.40	5.75	5.50	104.5 3.92	1.7 0.462	 82.60
75	15.88	21.44	38.73	28.66	5.73	5.59	102.6 5.18	2.0 0.784	10.2 21.98
100	15.54	21.38	38.62	28.66	5.42	5.63	96.2 7.14	2.9 1.890	5.2 21.00
2; 31 m; 20 km; 1/10 Cu; SE 3 m/sec; 1016									
20.2; 17.6; 18.4; 78 %									
7.11.1970. 0930–1030 105 m									
0	18.40	21.44	38.73	28.04	5.25	5.35	98.2 4.48	1.7 0.154	3.2 14.00
10	18.42	21.45	38.75	28.05	5.21	5.35	97.5 2.38	2.4 0.084	7.7 19.04
20	18.38	21.45	38.75	28.06	5.52	5.36	102.9 4.90	3.6 0.126	10.2 43.12
30	18.28	21.46	38.77	28.10	5.31	5.37	99.1 2.80	2.8 0.000	2.0 36.12
50	17.18	21.47	38.78	28.39	5.26	5.46	96.3 4.76	2.9 0.168	5.0 35.00
75	16.56	21.48	38.80	28.54	5.57	5.53	100.6 7.42	1.6	6.5 22.40
100	15.86	21.48	38.80	28.72	5.50	5.60	98.3 10.08	4.1	8.9 24.50
2-3; 25 m; 2; 0; NE 4-5 m/sec; 1013									
15.6; 13.4; 13.9; 79 %									
17.12.1970. 0917–1005 104 m									
0	16.05	21.22	38.33	28.32	5.62	5.59	100.5 1.68	2.5 2.016	3.7 79.80

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / N-NO_3 mg/t	P-PO_4mg/t / N-NO_2 mg/t	P-tot mg/t / N-NH_4 mg/t
10	16.04	21.23	38.35	28.33	5.41	5.59	96.9 5.32	0.7 1.120	5.4 57.12
20	15.95	21.27	38.42	28.41	5.32	5.60	95.1 4.90	1.4 2.240	7.1 70.70
30	16.00	21.27	38.42	28.40	5.49	5.59	98.2 2.38	2.5 3.360	7.8 46.20
50	15.97	21.28	38.44	28.42	5.32	5.60	95.2 5.18	2.2 2.380	 77.00
75	15.44	21.29	38.46	28.55	5.28	5.65	93.6 14.42	1.9 0.784	6.4 52.08
100	14.96	21.36	38.58	28.76	5.17	5.69	90.8 19.04	2.5 2.240	 0.98

2; 24 m; 2; 8/10 Cs; NE 1 m/sec; 1024
14.6; 9.7; 8.8; 53 %

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt

10 (171) SUŠAC
42°48'N 16°18'E

31. 3.1965. 2130-2215 137 m

0	14.07	21.07	38.06	28.55
10	13.94	21.07	38.06	28.58
20	13.72	21.13	38.17	28.71
30	13.70	21.13	38.17	28.72
50	13.70	21.13	38.17	28.72
75	13.54	21.12	38.15	28.73
100	13.08	21.11	38.13	28.82
130	12.56	21.11	38.13	28.92

4; -; -; -; NE 5 m/sec; 1017
13.2; 8.9; 9.8; 64 %

14. 4.1965. 1625-1830 136 m

0	14.64	21.11	38.13	28.48
10	14.64	21.26	38.40	28.69
20	14.58	21.28	38.44	28.73
30	14.58	21.20	38.30	28.61
50	14.46	21.34	38.55	28.85
75	14.40	21.39	38.64	28.92
100	14.18	21.31	38.49	28.87
130	14.12	21.31	38.49	28.88

2-3; 24 m; 2; 10 As, Cu, Ns; SE 5-6 m/sec; 999
11.8; 10.4; 11.7; 84 %

m	t°C	Cl‰	Sal‰	σt
11. 6.1965. 0920-1030 134 m				
0	18.76	21.20	38.30	27.63
10	18.52	21.20	38.30	27.69
20	17.09	21.21	38.30	28.04
30	15.59	21.30	38.48	28.54
50	15.03	21.36	38.58	28.75
75	14.67	21.40	38.66	28.88
100	14.42	21.41	38.68	28.96
130	14.34	21.42	38.69	28.98
1; 29 m; 2; 2 Ac, Cu; E 1 m/sec; 1004				
16.8; 13.5; 13.3; 70 %				
8. 9.1965. 1445-1530 135 m				
0	23.02	21.04	38.01	26.23
10	22.04	21.27	38.42	26.83
20	21.84	21.36	38.58	27.01
30	17.30	21.40	38.66	28.26
50	15.70	21.40	38.66	28.65
75	15.17	21.46	38.77	28.85
100	14.98	21.52	38.87	28.88
130	14.72	21.53	38.89	29.05
0; 37 m; 2; 0; 0; 1011				
22.1; 17.9; 17.5; 66 %				
15.10.1965. 1255-1355 134 m				
0	21.32	20.95	37.84	26.59
10	21.20	21.04	38.01	26.65
20	21.18	21.04	38.01	26.75
30	21.14	21.05	38.03	26.78
50	16.36	21.15	38.21	28.15
75	15.38	21.15	38.21	28.38
100	15.02	21.18	38.26	28.50
130	14.90	21.18	38.26	28.52
0-1; 30 m; 2; 2 Cs; N 2 m/sec; 1017				
17.2; 15.6; 16.7; 85 %				

m	t°C	Cl‰	Sal‰	σt
12. 6.1965. 1015-1100 134 m				
0	19.12	21.14	28.19	27.45
10	18.40	21.15	38.21	27.65
20	17.49	21.22	38.33	27.97
30	16.03	21.31	38.49	28.44
50	15.21	21.31	38.49	28.63
75	14.86	21.33	38.53	28.74
100	14.61	21.34	38.55	28.81
130	14.46	21.34	38.55	28.84
1; 28 m; 1; 1 Ci, Cu; SE 2 m/sec; 1009				
18.9; 15.2; 14.8; 68 %				
9. 9.1965. 1445-1530 135 m				
0	22.80	21.07	38.06	26.32
10	22.10	21.25	38.39	26.78
20	21.94	21.27	38.42	26.86
30	17.80	21.36	38.58	28.09
50	15.72	21.41	38.68	28.66
75	15.16	21.50	38.84	28.91
100	14.84	21.50	38.84	28.98
130	14.72	21.51	38.86	29.03
1;30 m; 2; 7 Cs; SE 4-5 m/sec; 1008				
22.4; 19.0; 19.7; 73 %				
19.12.1965. 0835-0912 135 m				
0	15.78	21.29	38.46	28.47
10	15.78	21.29	38.46	28.47
20	15.80	21.30	38.48	28.48
30	15.74	21.30	38.48	28.51
50	15.44	21.32	38.51	28.60
75	14.88	21.37	38.60	28.78
100	14.58	21.37	38.60	28.85
130	14.36	21.38	38.62	28.92
1; 26 m; 1; 7/10 Cs, Ac, Cu; E 3 m/sec; 1019.5				
14.3; 12.4; 13.1; 81 %				

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt
20.12.1965. 0752-0820 135 m					**7. 4.1966 1655-1835 130 m**				
0	15.05	21.35	38.57	28.73	0	14.72	21.15	38.21	28.52
10	15.04	21.36	38.58	28.74	10	14.30	21.27	38.42	28.78
20	15.04	21.36	38.58	28.74	20	14.38	21.33	38.53	28.84
30	14.94	21.37	38.60	28.78	30	14.32	21.33	38.53	28.86
50	14.84	21.38	38.62	28.81	50	14.29	21.36	38.58	28.91
75	14.76	21.38	38.62	28.83	75	14.24	21.37	38.60	28.93
100	14.36	21.39	38.64	28.94	100	13.95	21.38	38.62	29.02
130	14.16	21.39	38.64	28.97	125	13.79	21.38	38.62	29.04
2; 27 m; -; 10/10 Cu, Ns; E 5 m/sec; 1015					-; 26 m; -; 10/10 Ci, Cs; -; 1002				
14.2; 12.2; 12.9; 80 %									
11-12.6.1966. 2335-0017 135 m					**12. 6.1966. 2155-2245 135 m**				
0	21.17	20.90	37.75	26.54	0	21.00	21.10	38.12	26.90
10	18.82	20.90	37.75	27.19	10	19.33	21.21	38.31	27.48
20	17.71	21.01	37.95	27.61	20	17.02	21.26	38.40	28.13
30	16.24	21.28	38.44	28.35	30	16.00	21.28	38.44	28.41
50	15.27	21.33	38.53	28.64	50	15.19	21.35	38.57	28.70
75	14.74	21.33	38.53	28.76	75	14.76	21.35	38.57	28.79
100	14.56	21.35	38.57	28.83	100	14.76	21.39	38.64	28.84
130	14.41	21.39	38.64	28.92	130	14.38	21.40	38.66	28.94
1; -; 0; 4/10 Ac; E 3 m/sec; 1008					1; -; 0; 0; NW 2 m/sec; 1006				
22.4; 19.2; 20.1; 74 %					23.1; 19.8; 20.8; 74 %				
10. 9.1966. 1035-1110 135 m					**11. 9.1966. 0930-1005 135 m**				
0	23.60	21.21	38.31	26.28	0	23.60	21.10	38.12	26.14
10	23.08	21.25	38.39	26.48	10	23.06	21.15	38.21	26.36
20	19.16	21.25	38.39	27.59	20	19.61	21.20	38.30	26.39
30	17.22	21.25	38.39	28.08	30	17.33	21.23	38.35	28.02
50	15.85	21.27	38.42	28.43	50	15.58	21.24	38.37	28.46
75	15.18	21.29	38.46	28.62	75	15.25	21.26	38.40	28.56
100	15.05	21.32	38.51	28.68	100	15.16	21.29	38.46	28.62
130	15.10	21.32	38.51	28.66	130	14.98	21.31	38.49	28.68
0; 35 m; 0; 0; NW 1 m/sec; 1020					0; 33 m; 0; 0; N 1 m/sec; 1022.5				
23.0; 21.7; 25.1; 89 %					23.7; 21.6; 24.4; 84 %				

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt
20.12.1966. 1042–1120 132 m					**18. 3.1969. 1500–1525 138 m**				
0	16.06	20.96	37.86	27.96	0	14.75	21.44	38.73	28.92
10	16.12	20.97	37.88	27.95	10	14.63	21.47	38.78	28.98
20	16.12	21.10	38.12	28.14	20	14.57	21.47	38.78	29.00
30	16.12	21.14	38.19	28.19	30	14.54	21.48	38.80	29.02
50	16.12	21.14	38.19	28.19	50	14.52	21.48	38.80	29.03
75	16.10	21.18	38.26	28.25	75	14.50	21.49	38.82	29.04
100	16.08	21.18	38.26	28.26	100	14.42	21.54	38.91	29.13
125	16.08	21.18	38.26	28.26	130	14.36	21.54	38.91	29.14
3; 20 m; 1; 7/10 Cs, Cu; SE 13 m/sec; 1014					3–4; –; 2; 7/10 Cs, As, Cu; N 10 m/sec; 996				
13.8; 11.4; 11.9; 75 %					14.2; 10.2; 9.7; 60 %				

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42°36'N 16°16'E

31. 3.1965. 0900–1030 175 m					**12. 6.1965. 1243–1340 172 m**				
0	14.19	21.03	37.99	28.47	0	19.35	21.14	38.19	27.38
10	14.14	21.09	38.10	28.57	10	18.48	21.15	38.21	27.64
20	14.14	21.16	38.22	28.66	20	17.83	21.15	38.21	27.79
30	14.12	21.17	38.24	28.69	30	15.49	21.17	38.24	28.38
50	14.12	21.17	38.24	28.69	50	15.04	21.22	38.33	28.55
75	14.04	21.18	38.26	28.72	75	13.89	21.25	38.39	28.85
100	14.00	21.19	38.28	28.74	100	13.59	21.34	38.55	29.03
150	13.72	21.16	38.22	28.75	150	11.28	21.17	38.24	29.27
170	12.59	21.14	38.19	28.97	168	11.24	21.15	38.21	29.26
1; 30 m; 1; 8 Cs, Co, Ac; NE 3 m/sec; 1012					–; 31 m; 1; 8 Ci, Cs; 0; 1010				
14.9; 11.1; 10.9; 64 %					19.2; 16.4; 16.8; 75 %				

m	t°C	Cl‰	Sal‰	σt
9. 9.1965. 1730-1822 173 m				
0	22.50	21.07	38.06	26.41
10	22.38	21.34	38.55	26.82
20	22.34	21.39	38.64	26.90
30	17.10	21.42	38.69	28.34
50	15.60	21.47	38.78	28.77
75	15.18	21.57	38.96	29.00
100	14.90	21.57	38.96	29.07
150	14.62	21.54	38.91	29.09
170	14.34	21.53	38.89	29.13
2; 28 m; 2; 6 Cs; SE 5 m/sec; 1008				
22.1; 19.8; 21.5; 81 %				
7.11.1965. 0950-1020 175 m				
0	19.22	21.26	38.40	27.59
10	19.20	21.27	38.42	27.61
75	15.40	21.32	38.51	28.61
0; -; -; 8 Cs; 0; 1020				
17.8; -; -; -				
16. 2.1966. 1155-1214 178 m				
0	13.98	21.38	38.62	29.01
20	13.90	21.38	38.62	29.03
50	13.89	21.39	38.64	29.04
75	13.89	21.40	38.66	29.05
1; 29 m; 1; 0; NW 1 m/sec; 1003				
11.5; 7.9; 8.3; 61 %				
15.10.1965. 1007-1126 175 m				
0	20.44	20.81	37.59	26.63
10	20.22	20.74	37.47	26.61
20	20.14	20.74	37.47	26.63
30	17.90	21.01	37.95	27.58
50	15.63	21.01	37.95	28.12
0; 22 m; 2; 0; 0; 1017				
19.4; 16.6; 17.1; 76 %				
17.12.1965. 1900-2014 178 m				
0	15.20	21.31	38.49	28.63
10	15.20	21.33	38.53	28.67
20	14.98	21.33	38.53	28.71
30	14.74	21.35	38.57	28.80
50	14.64	21.35	38.57	28.82
75	14.64	21.35	38.57	28.82
100	14.66	21.36	38.58	28.82
150	14.58	21.36	38.58	28.84
170	13.58	21.36	38.58	29.05
3-4; -; -; -; SE 8 m/sec; 1013				
13.8; 11.8; 12.5; 79 %				
19. 3.1966. 1100-1121 178 m				
0	13.66	21.49	38.82	29.24
20	13.43	21.50	38.84	29.30
50	12.85	21.52	38.87	29.44
1; 25 m; 1; 3/10 Cs, Cc; ENE 4 m/sec; 1012.5				
11.7; 6.9; 6.4; 46 %				

m	t°C	Cl‰	Sal‰	σt

28. 3.1966. 1155-1237 175 m

0	14.10	21.16	38.22	28.67
10	13.95	21.18	38.26	28.73
20	13.92	21.26	38.40	28.85
30	13.85	21.28	38.44	28.90
50	13.84	21.31	38.49	28.93
75	13.84	21.34	38.55	28.98
100	13.83	21.35	38.57	29.00
150	13.10	21.37	38.60	29.17
170	11.74	21.37	38.60	29.46

2; 27 m; 2; 2/10 Cs; SE 5 m/sec; 1001

14.1; 11.7; 12.1; 76 %

29. 4.1966. 1737-1755 170 m

0	17.32	21.30	38.48	28.12
20	15.25	21.33	38.53	28.65
75	14.20	21.34	38.55	28.91

0; 32; 2; 6/10 Ac; 0; 1003

18.6; 16.3; 16.8; 79 %

11. 6.1966. 0910-0950 175 m

0	21.96	21.21	38.31	26.76
10	18.40	21.27	38.42	27.81
20	16.68	21.33	38.53	28.32
30	15.97	21.36	38.58	28.52
50	15.28	21.40	38.66	28.75
75	15.02	21.43	38.71	28.84
100	14.90	21.46	38.77	28.91
150	14.39	21.47	38.78	29.03
170	12.54	21.48	38.80	29.44

1; -; 0; 3/10 Ac; W 2 m/sec; 1009

22.4; 20.6; 29.1; 86 %

10. 9.1966. 0720-0757 178 m

0	23.64	21.19	38.28	26.25
10	23.44	21.23	38.35	26.37
20	19.40	21.24	38.37	27.57
30	16.98	21.24	38.37	28.12
50	15.51	21.30	38.48	28.55
75	15.25	21.30	38.48	28.62
100	15.05	21.32	38.51	28.70
150	14.70	21.33	38.53	28.78
170	12.30	21.34	38.55	29.30

0; 37 m; 0; 0; N 2 m/sec; 1019

23.4; 22.1; 25.8; 89 %

15.12.1966. 1102-1152 175 m

0	15.25	20.83	37.63	27.96
10	15.24	20.85	37.66	27.99
20	15.22	20.83	37.63	27.97
30	15.24			
50	15.44	20.96	37.86	28.09
75	15.22	21.01	37.95	28.22
100	14.96	21.05	38.03	28.33
150	14.35	21.06	38.04	28.47
170	14.36	21.06	38.04	28.47

1; 23 m; 2; 10/10 As, Cu; NW 5 m/sec; 1012

11.5; 6.4; 6.2; 46 %

23. 3.1967. 0912-0945 175

0	13.84	21.26	38.40	28.87
10	13.89	21.28	38.44	28.89
20	13.82	21.33	38.53	28.88
30	13.80	21.34	38.55	28.99
50	13.80	21.37	38.60	29.03
75	13.80	21.38	38.62	29.04
100	13.78	21.41	38.68	29.08
150	13.72			
170	12.82	21.29	38.46	29.12

1; -; 1; 4/10 Cc, Ac; N 1 m/sec; 1020

14.0; 11.8; 12.4; 77 %

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt
24. 6.1967. 0815–0910 175 m					**8. 9.1967. 18.40–19.30 176 m**				
0	20.62	21.14	38.19	27.03	0	23.50	21.09	38.10	26.14
10	20.10	21.18	38.26	27.23	10	23.34	21.14	38.19	26.27
20	17.12	21.22	38.33	28.06	20	23.26	21.15	38.21	26.31
30	16.02	21.25	38.39	28.36	30	17.08	21.19	38.28	28.02
50	15.30	21.26	38.40	28.54	50	15.52	21.22	38.33	28.44
75	14.92	21.28	38.44	28.66	75	15.06	21.25	38.39	28.59
100	14.72	21.30	38.48	28.73	100	14.92	21.27	38.42	28.64
150	13.62	21.31	38.49	28.98	150	14.90	21.29	38.46	28.68
170	12.55	21.33	38.53	29.23	170	14.80	21.32	38.51	28.74
1; 33 m; 1; 0; W 2 m/sec; 1024					2; –; –; 3/10 Cs; SE 222 m/min; 1013				
20.2; 19.2; 21.6; 91 %					23.6; 21.1; 27.4; 80 %				
17.12.1967. 0812–0848					**11. 3.1968. 0425–0510 174 m**				
0	16.65	21.39	38.64	28.40	0	13.42	21.39	38.64	29.13
10	16.68	21.41	38.68	28.43	10	13.40	21.43	38.71	29.19
20	16.68	21.42	38.69	28.44	20	13.42	21.44	38.73	29.20
30	16.72	21.43	38.71	28.44	30	13.40	21.46	38.77	29.24
50	16.73	21.43	38.71	28.44	50	13.42	21.50	38.84	29.30
75	16.70	21.46	38.77	28.49	75	13.39	21.49	38.82	29.30
100	16.28	21.47	38.78	28.60	100	13.40	21.51	38.86	29.31
150	15.12	21.47	38.78	28.88	150	13.20	21.51	38.86	29.35
170	15.08	21.48	38.80	28.90	170	12.69	21.52	38.87	29.47
2; 18 m; 0–1; 10/10 Cs, Ac; NW 7 m/sec; 1017					3; –; –; –; W 8 m/sec; 995				
12.2; 8.8; 9.1; 64 %					13.2; 10.8; 11.3; 75 %				
18. 6.1968. 0719–0803 175 m					**20. 9.1968. 1110–1145**				
0	21.86	21.37	38.60	27.01	0	21.82	21.43	38.71	27.10
10	20.64	21.46	38.77	27.48	10	21.75	21.51	38.86	27.24
20	19.34	21.43	38.71	27.78	20	16.94	21.44	38.73	28.41
30	16.80	21.44	38.73	28.44	30	15.92	21.47	38.78	28.69
50	15.05	21.49	38.82	28.92	50	15.20	21.47	38.78	28.86
75	14.70	21.49	38.82	29.00	75	15.00	21.52	38.87	28.97
100	14.58	21.48	38.80	29.01	100	14.89	21.51	38.86	28.99
150	13.02	21.42	38.69	29.27	150	14.05	21.51	38.86	29.18
170	12.07	21.37	38.60	29.40	170	12.04	21.56	38.95	29.67
2; 25 m; 1; 7/10 Cs, Ac, Ca; W 7 m/sec; 1010					2; 27 m; 2; 0; WNW 3 m/sec; 1013				
20.1; 17.9; –; –					21.0; 17.0; 16.7; 67 %				

m	t°C	Cl‰	Sal‰	σt
8.12.1968. 0805-0850 175 m				
0	16.41	21.38	38.62	28.44
10	16.40	21.38	38.62	28.46
20	16.40	21.41	38.69	28.49
30	16.38	21.41	38.68	28.50
50	16.36	21.40	38.66	28.49
75	16.16	21.41	38.68	28.54
100	15.26	21.42	38.69	28.78
150	14.96	21.45	38.75	28.89
170	14.30	21.47	38.78	29.06
3; 21 m; 1; 10 Sc, Cs; SE 7 m/sec; 1012				
14.8; 12.1; 12.4; 74 %				
14. 6.1969. 0950-1055 178 m				
0	20.88	21.36	38.58	27.29
10	18.96	21.41	38.68	27.88
20	16.70	21.42	38.69	28.42
30	15.67	21.41	38.68	28.67
50	15.12	21.42	38.69	28.80
75	14.95	(21.55)	(38.93)	(29.03)
100	14.75	21.46	38.77	28.95
150	14.89	21.46	38.77	28.93
170	14.62	21.48	38.80	29.00
0-1; 26 m; 1; 8/10 As; 0; 1001				
21.4; 19.2; 20.8; 82 %				
13.12.1969. 1117-1204 175 m				
0		21.29	38.46	
10	16.45	21.32	38.51	
20	16.38	21.33	38.53	
30	16.30	21.35	38.57	
50	16.05	21.37	38.60	
75	15.53	21.47	38.78	
100	15.03	21.52	38.87	
150	14.54	21.48	38.80	
170	13.68	21.39	38.46	
-1; -; -; 10/10 Cu, As, Ac; E 1 m/sec; 1003				
12.4; 9.4; 9.7; 68 %				

m	t°C	Cl‰	Sal‰	σt
16. 3.1969. 1130-1215 174 m				
0	14.58	21.44	38.73	28.96
10	14.56	21.49	38.82	29.04
20	14.57	21.53	38.89	29.09
30	14.57	21.54	38.91	29.10
50	14.55	21.53	38.89	29.09
75	14.54	21.53	38.89	29.10
100	14.60	21.54	38.91	29.10
150	14.18	21.54	38.91	29.19
170	12.06	21.54	38.91	29.63
1; 26 m; 2; 10/10 As, Cu; SE 4 m/sec; 994				
14.4; 12.6; 11.2; 71 %				
5. 9.1969. 0952-1030 176 m				
0	23.50	21.36	38.58	26.52
10	23.44	21.36	38.58	26.53
20	18.06	21.46	38.77	28.16
30	16.20	21.46	38.77	28.62
50	15.22	21.51	38.86	28.92
75	15.02			
100	14.87	21.50	38.84	28.98
150	13.92	21.50	38.50	28.93
170	11.90	21.50	38.50	29.35
2-3; 25 m; -; 8/10 Ac, Ns; SW 410 m/min; 1002				
22.4; -; -; -				
13. 4.1970. 0750-0837 174 m				
0	13.89	21.35	38.57	28.99
10	13.87	21.38	38.57	29.00
20	13.82	21.37	38.60	29.03
30	13.84	21.41	38.68	29.08
50	13.78	21.41	38.68	29.10
75	13.83	21.42	38.69	29.09
100	13.40	21.42	38.69	29.18
150	12.62	21.44	38.73	29.38
170	11.72	21.45	38.75	29.58
-; 26 m; 2; 0; W 1 m/sec; 1013				
13.2; 9.7; 9.9; 65 %				

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt
8. 6.1970. 1810–1905 175 m					**9. 6.1970. 1620–1710 175 m**				
0	18.86	21.08	38.08	27.44	0	18.85	21.13	38.17	27.50
10	18.06	21.10	38.12	27.67	10	18.78	21.20	38.30	27.62
20	15.37	21.31	38.49	28.60	20	18.51	21.27	38.42	27.70
30	15.68	21.38	38.62	28.62	30	15.98	21.37	38.60	28.54
50	15.24	21.38	38.62	28.72	50	15.34	21.40	38.66	28.73
75	14.90	21.40	38.66	28.82	75	14.94	21.42	38.69	28.84
100	14.80	21.44	38.73	28.90	100	14.83	21.44	38.73	28.90
150	14.58	21.45	38.75	28.97	150	13.62	21.45	38.75	29.18
170	13.55	21.46	38.77	29.21	170	11.70	21.46	38.77	29.59
1; 25 m; 1; 10 As; SE 1 m/sec; 1007					3; 24 m; 1; 7/10 Ci, Cs, As, Ac; SE 7 m/sec; 1006				
19.1; 18.2; 20.4; 93 %					20.0; 17.9; 18.9; 81 %				
4. 9.1970. 0930–1010 175 m					**13.12.1970. 0706–0740 175 m**				
0	23.35	21.33	38.53	26.52	0	15.99	21.06	38.04	28.10
10	23.02	21.74	38.55	26.64	10	15.97	21.17	38.24	28.27
20	18.38	21.44	38.73	28.08	20	15.99	21.21	38.31	28.31
30	17.04	(21.28)	(38.46)	(28.17)	30	15.97	21.30	38.48	28.45
50	15.88	21.51	38.86	28.76	50	16.09	21.42	38.69	28.57
75	15.20	21.52	38.87	28.93	75	15.34	21.43	38.71	28.77
100	14.88	21.54	38.91	29.03	100	14.93			
150	14.80	21.47	38.78	28.95	150	14.21	21.41	38.68	29.00
170	13.66	21.48	38.80	29.21	170	14.11	21.33	38.53	28.91
2; 27 m; 1; 2/10 Cs; SE 3 m/sec; 1013					1; 24 m; 1; 9/10 Ac, Cu, Sc; NW 2 m/sec; 1025				
23.6; 21.8; 24.9; 86 %					13.6; 9.4; 8.9; 58 %				

12 (173) PALAGRUŽ

42°21'N 16°23'E

9. 1.1965.					**14. 2.1965.**				
0	14.80	21.11	38.13	28.44	0	13.82	21.17	38.24	28.75
10	14.80	21.26	38.40	28.65	10	13.83	21.17	38.24	28.75
20	14.68	21.28	38.44	28.71	20	13.80	21.22	38.33	28.82
30	14.62	21.17	38.24	28.57	30	13.80	21.28	38.44	28.91
50	14.45	21.10	38.12	28.52	50	13.82	21.22	38.33	28.81
75	14.38	21.10	38.12	28.53	75	13.65	21.22	38.33	28.85
95		21.10	38.12						

m	t°C	Cl‰	Sal‰	σt
31. 3.1965. 1230–1315 108 m				
0	14.47	21.04	38.01	28.42
10	14.05	21.10	38.12	28.61
20	13.96	21.11	38.13	28.63
30	13.92	21.11	38.13	28.64
50	13.70	21.14	38.19	28.76
75	13.31			
100	12.30	21.34	38.55	29.31
1; 34 m; 1; 4 Cs, Cc; NE 2–3 m/sec; 1013				
15.6; 12.0; 11.6; 66 %				
12. 9.1965. 0808–0840 107 m				
0	22.30	21.02	37.97	26.41
10	22.28	21.06	38.04	26.47
20	17.50	21.18	38.26	27.92
30	15.80	21.44	38.73	28.68
50	15.10	21.46	38.77	28.87
75	14.80	21.47	38.78	28.95
100	14.70	21.47	38.78	28.97
2; 26 m; 2; 10 Cs, As; W 4 m/sec; 1006				
21.2; 19.3; 21.1; 84 %				
17.12.1965. 1205–1245 105 m				
0	14.90	21.30	38.48	28.69
10	14.85	21.30	38.48	28.70
20	14.82	21.31	38.49	28.71
30	14.80	21.34	38.55	28.75
50	14.80	21.34	38.55	28.75
75	14.56	21.34	38.55	28.81
100	13.94	21.36	38.58	28.98
2–3; 25 m; 2; 6/10 Cs, Cu; SE 5 m/sec; 1014				
12.6; 10.8; 11.7; 81 %				
28. 3.1966. 1446–1513 105 m				
0	14.03	21.12	38.15	28.64
10	13.78	21.15	38.21	28.73
20	13.72	21.24	38.37	28.87
30	13.72	21.24	38.37	28.87
50	13.65	21.29	38.46	28.95

m	t°C	Cl‰	Sal‰	σt
13. 6.1965. 0550–0623 106 m				
0	19.07	20.94	37.83	27.19
10	18.10	21.09	38.10	27.65
20	16.34	21.15	38.21	28.16
30	15.70	21.18	38.26	28.34
50	14.70	21.38	38.62	28.84
75	14.16	21.39	38.64	28.97
100	13.97	21.39	38.64	29.02
0; 25 m; 1; 1 Cs; W 1 m/sec; 1011				
19.6; 17.4; 18.4; 81 %				
7.11.1965. 1231–1306 115 m				
0	17.90	20.98	37.90	27.53
20	17.44	21.19	38.28	27.95
75	14.22	21.26	38.40	28.79
-; -; -; 10 Cs, As; -; 1020				
16.4; -; -; -				
16. 2.1966. 1350–1407 110 m				
0	13.71	21.34	38.55	29.01
10	13.42	21.36	38.58	29.09
20	13.13	21.36	38.58	29.16
75	13.11	21.37	38.60	29.18
1; 23 m; 1; 3/10 Cs, Cu; 0; 1002				
11.6; 8.4; 8.9; 65 %				
9. 9.1966. 0919–0950 118 m				
0	23.65	21.20	38.30	26.26
10	23.40	21.24	38.37	26.39
20	23.40	21.26	38.40	26.41
30	17.88	21.26	38.40	27.96
50	15.54	21.28	38.44	28.52

m	t°C	Cl‰	Sal‰	σt
75	12.88	21.30	38.48	29.13
100	11.52	21.30	38.48	29.41

3; 24 m; 2; 0; NE 6 m/sec; 998

15.7; 12.5; 12.3; 69 %

11. 6.1966. 0830–0905 120 m

m	t°C	Cl‰	Sal‰	σt
0	21.18	21.12	38.15	26.86
10	18.71	21.25	38.29	27.64
20	15.93	21.28	38.44	28.43
30	15.03	21.37	38.60	28.75
50	14.92	21.42	38.69	28.85
75	14.50	21.43	38.71	28.96
100	13.04	21.45	38.75	29.30
115	12.31	21.47	38.78	29.47

1; 30 m; –; 0; 0; 1010

21.2; 20.0; 22.5; 90 %

23. 3.1967. 1655–1725 105 m

m	t°C	Cl‰	Sal‰	σt
0	13.70	21.22	38.33	28.77
10	13.26	21.26	38.40	28.99
20	13.20	21.28	38.44	29.03
30	13.18	21.29	38.46	29.04
50	13.14	21.37	38.60	29.17
75	12.68	21.38	38.62	29.28
100	12.62	21.38	38.62	29.31

2; 25 m; 1; 6/10 Cs; SE 6 m/sec; 1016

13.8; 11.2; 10.0; 64 %

7. 9.1967. 1630–1655 105 m

m	t°C	Cl‰	Sal‰	σt
0	23.70	20.85	37.66	25.76
10	23.52	21.03	37.99	26.06
20	20.74	21.17	38.24	27.05
30	16.46	21.25	38.39	28.26
50	15.00	21.26	38.40	28.61
75	14.76	21.30	38.48	28.72
100	14.82	21.34	38.55	28.76

1; 30 m; 1; 10; W 1 m/sec; 1014

23.4; 21.2; 23.7; 82 %

m	t°C	Cl‰	Sal‰	σt
75	14.41	21.28	38.44	28.77
100	14.11	21.29	38.46	28.85
115	13.97	21.30	38.48	28.91

1; 33 m; 2; 0; E 2 m/sec; 1015.5

22.7; 21.2; 24.2; 87 %

15.12.1966. 1411–1437 108 m

m	t°C	Cl‰	Sal‰	σt
0	15.13	20.86	37.68	28.02
10	15.12	20.88	37.72	28.06
20	15.12	20.88	37.72	28.06
30	15.18	20.87	37.70	28.03
50	15.20	20.92	37.79	28.09
75	15.10	21.01	37.95	28.24
100	14.83	21.03	37.99	28.33

2; 18 m; 2; 10/10 As, Cu; NW 3 m/sec; 1013

10.2; 5.2; 5.5; 44 %

23. 6.1967. 0950–1025 118 m

m	t°C	Cl‰	Sal‰	σt
0	20.50	21.10	38.12	27.02
10	20.18	21.12	38.15	27.13
20	15.48	21.14	38.19	28.34
30	15.00	21.14	38.19	28.45
50	14.33	21.17	38.24	28.63
75	13.92	21.18	38.26	28.74
100	13.50	21.18	38.26	28.83
113	13.07	21.20	38.30	28.95

1; 30 m; 1; 0; W 2 m/sec; 1026

19.6; 18.6; 20.8; 91 %

17.12.1967. 1350–1415 106 m

m	t°C	Cl‰	Sal‰	σt
0	14.93	21.31	38.49	28.69
10	14.94	21.33	38.53	28.72
20	14.97	21.35	38.57	28.75
30	14.97	21.36	38.58	28.76
50	15.00	21.39	38.64	28.79
75	14.78	21.42	38.69	28.88
100	14.44	21.42	38.69	28.95

2–3; 19 m; 0; 10/10 St, Ac, Cu; NE 8 m/sec; 1019

11.8; 9.1; 9.8; 71 %

m	t°C	Cl‰	Sal‰	σt
10. 3.1968. 1329-1400 106 m				
0	13.73	21.47	38.78	29.17
10	13.60	21.49	38.82	29.24
20	13.60	21.50	38.84	29.25
30	13.57	21.50	38.84	29.27
50	13.58	21.50	38.84	29.27
75	13.29	21.52	38.87	29.35
100	12.90	21.52	38.87	29.43
1; 27 m; 2; 10/10 Cc, As, Ac; S 3 m/sec; 1003				
12.8; 10.4; 11.1; 75 %				
21. 9.1968. 0633-0705 109 m				
0	21.72	21.36	38.58	27.04
10	21.73	21.37	38.60	27.05
20	20.64	21.40	38.66	27.39
30	15.84	21.42	38.69	28.64
50	15.12	21.43	38.71	28.83
75	14.90	21.51	38.86	28.99
100	14.70	21.56	38.95	29.10
1; 25 m; 2; 4/10 Cs; W 1 m/sec; 1014				
20.2; 17.4; 18.0; 76 %				
17. 3.1969. 1502-1535 120 m				
0	14.56	21.48	38.80	29.02
10	13.88	21.49	38.82	29.18
20	14.27	21.53	38.89	29.15
30	13.72	21.54	38.91	29.19
50	13.43	21.54	38.91	29.35
75	13.26	21.57	38.96	29.42
100	13.11	21.57	38.96	29.46
0; 25 m; 2; 6/10 Cs, Ac; 0; 997				
15.4; 12.6; 12.7; 73 %				
16. 6.1968. 1702-1735				
0	22.55	21.06	38.04	26.38
10	20.82	21.33	38.53	27.25
20	16.80	21.43	38.71	28.42
30	15.38	21.45	38.75	28.79
50	14.76	21.49	38.82	28.99
75	13.90	21.49	38.82	29.18
100	13.37	21.48	38.80	29.27
1; -; 1; 8/10 Cs, Ac; SE 3 m/sec; 1012				
23.2; 20.2; -; -;				
16.12.1968. 1530-1610 110 m				
0	15.47	21.38	38.62	28.68
10	15.46	21.38	38.62	28.69
20	15.44	21.41	38.68	28.73
30	15.43	21.42	38.69	28.74
50	15.28	21.43	38.71	28.78
75	15.12	21.44	38.73	28.84
100	14.96	21.46	38.77	28.90
2; 22 m; 1; 5/10 Cu, Cs; SE 4 m/sec; 1004				
13.2; 10.6; 11.1; 73 %				

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42°21'N 16°23'E

7.11.1965. 1405-1436 118 m

m	t°C	Cl‰	Sal‰	σt
0	18.86	21.19	38.28	27.58
20	18.99	21.26	38.40	27.65
75	14.60	21.31	38.49	28.77

0; -; -; 10 Cs, Ac; W 2-3 m/sec; 1020

16.9; -; -; -

16. 2.1966. 1430-1445 109 m

m	t°C	Cl‰	Sal‰	σt
0	13.93	21.32	38.51	28.94
20	13.41	21.34	38.55	29.07
50	13.24	21.36	38.58	29.14
75	13.21	21.36	38.58	29.14

1; 24 m; 1; 3/10 Cs, Cu; 0; 1002

11.1; 8.4; 9.3; 71 %

29. 4.1966. 1205-1225 115 m

m	t°C	Cl‰	Sal‰	σt
0	16.24	21.31	38.49	28.39
20	15.56	21.33	38.53	28.58
75	14.64	21.40	38.66	28.89

1; 34 m; 2; 9/10 Cs, As; 0; 1003

18.2; 16.0; 16.7; 80 %

17.12.1965. 1657-1715 120 m

m	t°C	Cl‰	Sal‰	σt
0	14.60	21.21	38.31	28.62
20	14.54	21.27	38.42	28.72
75	14.46	21.31	38.49	28.80

2-3; -; -; 7/10 Cs, As, Cu; SE 8 m/sec; 1013

13.4; 11.2; 11.9; 77 %

19. 3.1966. 1236-1253 105 m

m	t°C	Cl‰	Sal‰	σt
0	14.21	21.45	38.75	29.05
20	14.06	21.47	38.78	29.11
75	13.92	21.48	38.80	29.16

1; -; 1; 6/10 Cc, Ac; NE 1 m/sec; 1012.5

11.9; 6.2; 5.6; 41 %

m	t°C	Cl‰	Sal‰	σt

13 (173) GARGANO
42°08'N 16°10'E

31. 3.1965. 1520-1550 109 m

0	13.72	20.93	37.81	28.46
10	13.08	21.00	37.94	28.67
20	12.96	21.01	37.95	28.70
30	12.88	21.09	38.10	28.84
50	12.26	21.09	38.10	28.96
75	12.30	21.10	38.12	28.97
100	12.22	21.11	38.13	29.00

1; 28 m; 1; 3 Cs, Cc; NE 2-3 m/sec; 1013

14.2; 10.6; 11.9; 74 %

12. 6.1965. 1720-1810 120 m

0	19.54	20.91	37.77	27.01
10	18.35	21.09	38.10	27.57
20	16.24	21.12	38.15	28.13
30	15.11	21.28	38.44	28.62
50	14.22	21.34	38.55	28.90
75	12.49	21.34	38.55	29.26
100	11.39	21.32	38.51	29.44
115	11.08	21.28	38.44	29.46

0-1; 21 m; 1; 4 Cs, Cc, Ac; S 1 m/sec; 1010

19.6; 16.8; 17.2; 76 %

12. 9.1965. 0600-0645 125 m

0	22.40	20.86	37.68	26.15
10	24.40	20.86	37.68	26.15
20	21.84	20.90	37.75	26.37
30	16.83	21.16	38.22	28.05
50	14.90	21.24	38.37	28.63
75	14.33	21.25	38.39	28.75
100	13.02	21.25	38.39	29.03
120	12.10	21.25	38.39	29.22

2-3; 22 m; 2; 10 Cs, As; W 6-7 m/sec; 1006

21.2; 18.4; 19.3; 77 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

17.12.1965. 1420-1507 124 m

0	15.00	21.08	38.08	28.36	5.67	5.71	99.2	0.6	
10	15.00	21.21	38.31	28.53	5.74	5.70	100.7	0.6	7.9
20	14.82	21.25	38.39	28.64	5.67	5.72	99.3	0.3	4.0
30	14.82	21.25	38.39	28.64	5.49	5.72	95.9	1.1	0.9
50	14.72	21.29	38.46	28.72	5.58	5.73	97.4	1.3	3.6
75	14.78	21.33	38.53	28.76	5.90	5.73	103.0	2.2	0.0

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
100	14.74	21.33	38.53	28.77	5.95	5.72	104.3	1.3	0.3
120	14.56	21.35	38.57	28.83	5.33	5.73	93.0	0.9	1.3

2-3; 14 m; 2; 5 Cs, As, Ac; SE 5 m/sec; 1012

12.8; 10.9; 11.4; 78 %

28. 3.1966. 1645-1728 118 m

0	13.49	21.15	38.21	28.79	5.86	5.97	94.7	0.0	4.3
10	13.44	21.17	38.24	28.83	5.44	5.86	92.7	4.1	3.0
20	13.23	21.17	38.24	28.86	6.14	5.88	104.4	0.3	4.5
30	12.94	21.18	38.26	28.85	5.74	5.91	97.2	1.1	5.1
50	12.97	21.18	38.26	28.99	5.88	5.91	99.5		
75	12.63	21.19	38.28	29.03	6.04	5.94	101.4	0.8	4.5
100	12.44	21.20	38.30	29.09	5.72	5.97	95.8	0.5	5.3
110	12.33	21.20	38.30	29.10	5.81	5.98	92.0	0.6	

3; 20 m; 2; 2/10 Ci; W 7 m/sec; 997

17.1; 12.1; 10.8; 55 %

11. 6.1966. 0630-0715 120 m

0	20.92	21.27	38.42	27.14	5.48	5.23	105.2	0.0	10.3
10	18.70	21.31	38.49	27.79	5.65	5.34	105.8	1.4	8.0
20	17.33	21.33	38.53	28.17	5.82	5.46	106.3	0.3	7.0
30	15.35	21.34	38.55	28.65	5.97	5.65	105.7	2.5	
50	13.75	21.35	38.57	29.01	5.60	5.81	98.4	0.2	7.6
75	12.81	21.37	38.60	29.24	5.34	5.91	90.4	0.6	
100	12.28	21.38	38.62	29.36	5.13	5.97	86.1	0.7	9.9
115	12.16	21.45	38.75	29.48	5.25	5.98	87.8	1.9	7.5

1; 29 m; 0; 10/10 As; W 3 m/sec; 1010

20.2; 19.2; 21.6; 91 %

9. 9.1966. 0653-0735 120 m

0	23.59	21.20	38.30	26.27	5.81	4.93	118.2	0.0	2.9
10	23.59	21.21	38.31	26.27	6.15	4.93	124.6	1.8	5.1
20	23.59	21.24	38.37	26.32	5.76	4.92	117.3	1.0	2.6
30	17.64	21.26	38.40	27.99	6.39	5.45	117.3	1.5	1.8
50	15.14	21.26	38.40	28.58	6.51	5.68	114.5	2.7	3.3
75	14.23	21.27	38.42	28.80	6.29	5.77	109.3	1.0	2.6
100	13.05	21.28	38.44	29.06	6.54	5.89	111.3	1.1	1.5
115	12.92	21.34	38.55	29.16	5.16	5.91	87.3	1.5	2.8

0; 34 m; 2; 0; 0; 1015.5

23.4; 20.6; 22.4; 78 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
15.12.1966. 1545-1627 120 m									
0	15.85	20.71	37.41	27.65	5.62	5.64	99.6	2.3	7.3
10	15.88	20.84	37.65	27.83	5.90	5.64	104.6	3.0	6.9
20	15.90	20.84	37.65	27.83	5.60	5.64	99.4	1.8	5.9
30	15.94	20.85	37.66	27.83	5.73	5.63	101.6	1.0	6.5
50	15.95	20.87	37.70	27.86	5.52	5.63	97.8	2.1	5.7
75	15.94	20.88	37.72	27.88	5.47	5.63	97.4	2.1	10.4
100	(15.94)	(20.81)	(37.59)	(27.77)	5.79	5.63	102.7	1.3	12.4
115	15.78	20.84	37.65	27.86	5.74	5.65	101.4	1.7	0.9
1; 20 m; 2; 10/10 Cu, As; W 3 m/sec; 1013									
9.6; 6.4; 7.5; 63 %									
23. 3.1967. 1431-1515 124 m									
0	12.85	21.20	38.30	28.99	5.63	5.92	95.1	1.3	5.9
10	12.44	21.22	38.33	29.11	5.97	5.97	100.0	4.3	5.4
20	12.40	21.25	38.39	29.16	5.99	5.97	100.3	1.8	4.8
30	12.36	21.26	38.40	29.18	5.40	5.98	90.4	2.3	19.4
50	12.30	21.27	38.42	29.21	5.86	5.98	98.1	1.1	12.5
75	11.76	21.27	38.42	29.31	5.54	6.03	91.9	1.8	7.9
100	11.56	21.24	38.37	29.31	5.45	6.06	90.0	0.9	
120	11.42	(21.19)	(38.28)	(29.28)	5.43	6.08	89.4	0.4	4.9
1; 25 m; 1; 3/10 Cs; SE 3 m/sec; 1016									
13.6; 10.8; 11.1; 71 %									
23. 6.1967. 0730-0815 120 m									
0	20.23	20.72	37.43	26.57	5.31	5.22	101.7	3.3	10.0
10	19.73	20.75	37.48	26.75	5.14	5.28	97.4	0.8	3.8
20	15.75	20.79	37.56	27.79	4.82	5.65	85.1	3.8	1.1
30	14.65	20.80	37.57	28.04	5.58	5.76	96.9	1.6	5.6
50	13.60	20.82	37.61	28.31	5.50	5.87	93.7	1.0	2.3
75	13.00	20.85	37.66	28.47	5.58	5.93	94.2	1.0	3.3
100	12.46	20.90	37.75	28.66	5.41	5.99	90.4	0.0	8.7
115	12.48	20.92	37.79	28.68	5.75	5.98	96.1	1.0	9.1
2; 23 m; 1; 0; W 4 m/sec; 1025									
19.4; 18.4; 20.5; 91 %									
8. 9.1967. 0832-0910 120 m									
0	24.52	20.71	37.41	25.34	5.13	4.85	105.6	2.9	12.3
10	24.47	20.85	37.66	25.54	5.19	4.85	107.0		
20	18.76	21.10	38.12	27.50	5.87	5.35	109.4	5.0	4.5
30	16.60	21.12	38.15	28.06	5.96	5.54	107.8	3.3	13.3

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
50	15.00	21.17	38.24	28.49	5.78	5.70	101.4	4.3	10.6
75	14.36	21.27	38.42	28.77	5.47	5.75	95.2		17.4
100	13.30	21.28	38.44	29.02	5.17	5.87	88.2	4.7	
115	13.25	21.28	38.44	29.03	5.20	5.86	88.8	2.8	23.3

2-3; 26 m; 1; 7/10 Cs, As; SE 6 m/sec; 1013

24.8; 22.4; 25.5; 81 %

17.12.1967. 1211-1245 120 m

0	15.00	21.14	38.19	28.44	5.56	5.71	97.4	2.8	
10	15.06	21.32	38.51	28.68	5.67	5.69	99.7		
20	15.07	21.39	38.64	28.78	5.60	5.68	98.7	1.7	
30	15.07	21.41	38.68	28.81	5.23	5.68	92.3	0.9	
50	15.14	21.43	38.71	28.81	5.26	5.67	93.0	1.9	
75	15.04	21.45	38.75	28.87	4.97	5.68	87.4	0.8	
100	14.87	21.45	38.75	28.91	5.24	5.70	91.9	3.5	
115	14.72	21.47	38.78	28.96	5.04	5.72	88.3	0.8	

1-2; 17 m; 0; 9/10 Ae; W 7 m/sec; 1018

12.6; 9.8; 10.3; 70 %

10. 3.1968. 1105-1147 120 m

0	13.82	21.46	38.77	29.15	5.23	5.91	88.5	2.3	
10	13.77	21.48	38.80	29.19	5.39	5.80	93.2		
20	13.74	21.47	38.78	29.17	5.44	5.81	93.6	3.6	5.7
30	13.46	21.48	38.80	29.26	5.44	5.84	93.3	2.9	4.5
50	12.97	21.49	38.82	29.38	5.56	5.89	94.4	1.3	5.5
75	12.39	21.49	38.82	29.51	5.57	5.96	93.5	1.6	7.5
100	11.87	21.50	38.84	29.62	5.58	6.01	92.9	2.9	8.1
115	11.44	21.50	38.84	29.70	5.69	6.06	93.8	3.1	

1; 23 m; 2; 9/10 Cc, As, Ac; S 1 m/sec; 1005

14.2; 10.4; 10.6; 62 %

17. 6.1968. 0811-0855 120 m

0	21.75	21.04	38.01	26.59	4.96	5.14	96.5	1.9	0.0
10	20.55	21.20	38.30	27.15	5.03	5.18	97.3		
20	16.64	21.37	38.60	28.40	5.46	5.53	98.5	2.6	7.6
30	15.30	21.46	38.73	28.82	5.65	5.64	100.2		
50	14.62	21.49	38.82	29.02	5.53	5.72	97.0	2.8	5.5
75	13.98	21.45	38.75	29.10	5.36	5.78	92.8		
100	12.50	21.43	38.71	29.39	5.49	5.94	92.8	2.9	10.4
115	12.30	21.37	38.60	29.36	5.46	5.97	91.6	2.5	15.0

1; 25 m; 1; 9 Cs, Ac; W 4 m/sec; 1012

20.4; 19.5; 21.9; 92 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20. 9.1968. 1517-1555 120 m									
0	22.12	21.33	38.53	26.89	5.08	5.03	101.1	3.8	10.4
10	22.14	21.34	38.55	26.89	4.87	5.03	96.7		
20	22.08	21.38	38.62	26.96	5.03	5.03	100.0	3.3	6.4
30	17.84	21.45	38.75	28.20	5.82	5.41	107.4		
50	15.64	21.51	38.86	28.32	5.57	5.62	99.1	2.5	4.7
75	14.20	21.47	38.78	29.08	5.17	5.76	89.7		
100	13.28	21.47	38.78	29.28	5.22	5.86	89.0	3.3	13.3
115	13.10	21.42	38.69	29.26	5.16	5.88	87.7	4.1	14.6
3; 17 m; 2; 02; W 12 m/sec; 1013									
21.2; 17.2; 16.9; 67 %									
16.12.1968. 1340-1425 120 m									
0	15.80	21.35	38.57	28.56					
10	15.76	21.37	38.60	28.59					
20	15.56	21.37	38.60	28.63					
30	15.48	21.39	38.64	28.69					
50	15.37	21.41	38.68	28.74					
75	15.16	21.43	38.71	28.82					
100	15.00	21.44	38.73	28.87					
115	14.75	21.46	38.77	28.95					
2; 23 m; 1; 8/10 Cu, Ci, Ac; SE 4 m/sec; 1004									
13.8; 11.0; 11.2; 71 %									
17. 3.1969. 1306-1336 123 m									
0	14.20	21.49	38.82	29.12	5.67	5.76	98.4		
10	13.62	21.44	38.73	29.17	5.62	5.82	96.5		
20	13.53	21.44	38.73	29.18	5.65	5.80	97.2		
30	13.45	21.44	38.73	29.20	6.33	5.84	104.0		
50	13.20	21.48	38.80	29.32	5.90	5.86	100.4		
75	12.84	21.49	38.82	29.41	6.77	5.91	113.5		
100	12.72	(21.58)	(38.98)	(29.55)	6.07				
115	12.70	21.50	38.84	29.45	6.47	5.92	109.4		
1; 25 m; 2; 9/10 Cs, As, Ci; SW 2 m/sec; 999									
13.1; 11.6; 12.6; 84 %									
13. 6.1969. 0752-0825 125 m									
0	20.12	21.41	38.68	27.55	5.82	5.20	111.9		
10	18.73	21.41	38.69	27.92	5.78	5.33	108.6		
20	16.30	21.46	38.77	28.73	5.50	5.56	98.9		
30	14.90	21.48	38.80	28.94	4.96	5.70	86.9		
50	14.61	21.48	38.80	29.00	5.18	5.72	90.7		

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	13.92	21.51	38.86	29.20	5.57	5.78	96.3		
100	12.59	21.42	38.69	29.35	5.54	5.94	93.3		
115	12.60	21.41	38.68	29.35	5.54	5.93	93.4		

0; 25 m; 1; 7/10 Ci, As, Cu; 0; 1005

20.2; 18.2; 19.6; 83 %

5. 9.1969. 0800-0832 121 m

0	23.12	21.27	38.42	26.50	4.59	4.95	92.8
10	22.94	21.27	38.42	26.56	5.08	4.97	102.3
20	18.77	21.40	38.66	27.90	5.47	5.33	102.3
30	16.04	21.41	38.68	28.59	5.32	5.58	95.2
50	15.22	21.45	38.75	28.83	5.37	5.66	95.7
75	14.74				5.18		
100	14.19	21.51	38.86	29.15	5.12	5.76	88.7
115	13.44	21.41	38.86	29.17	5.17	5.84	88.4

0; 26 m; 2; 3/10 As; NW 135 m; 1002

24.8; 19.2; 18.5; 59 %

11.12.1969. 1100-1135 124 m

0	14.54	21.37	38.60	28.86	5.19	5.73	90.6
10	14.50	21.42	38.69	28.94	5.28	5.73	92.2
20	14.52	21.43	38.71	28.95	5.63	5.73	98.3
30	14.48	21.43	38.71	28.96	5.17	5.73	90.2
50	14.47	21.43	38.71	28.96	4.90	5.73	85.5
75	14.28	21.44	38.73	29.02	5.12	5.73	89.2
100	13.77	21.44	38.73	29.14	4.94	5.80	85.2
115	13.62	21.37	38.60	29.07	5.00	5.82	85.9

2; 22 m; 1; 8/10 Ac, As, Ns; N 4 m/sec; 994

12.2; 9.1; 9.3; 66 %

11. 4.1970. 1231-1335 123 m

0	13.18	21.29	38.46	29.05	5.75	5.88	94.6
10	13.12	21.35	38.57	29.14	5.54	5.88	93.9
20	13.00	21.37	38.60	29.20	5.98	5.89	101.3
30	12.96	21.38	38.62	29.22	5.27	5.89	89.4
50	12.76	21.38	38.62	29.22	5.17	5.92	87.2
75	12.32	21.34	38.55	29.30	5.25	5.97	87.8
100	12.10	21.38	38.62	29.40	5.00	5.98	83.6
115	11.42	21.35	38.57	29.50	4.90	6.06	80.8

2; 20 m; 1 km; 8/10 Ac; SW 4 m/sec; 1008

13.8; 11.9; 12.5; 79 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	$P\text{-}PO_4$ mg/t	P-tot mg/t
3. 9.1970. 0910-0945 120 m									
0	23.80	21.01	37.95	25.95	4.69	4.90	95.6		
10	23.60	21.10	38.12	26.14	4.58	5.02	91.3		
20	18.90	21.23	38.35	27.64	5.73	5.33	107.5		
30	16.52	21.38	38.62	28.42	5.91	5.54	106.8		
50	14.88	21.40	38.66	28.83	5.63	5.70	98.7		
75	14.18	21.41	38.68	29.00	5.45	5.77	94.4		
100	13.16				5.04				
115	13.08	21.40	38.66	29.22	4.92	5.89	83.7		
0; 26 m; 1; 0; 0; 1014									
22.2; 19.8; 21.5; 80 %									
15 (184) JUŽNOJADRANSKA KOTLINA									
42°05'N 17°37'E									
10. 6.1966. 1120-1440 1200 m									
0	20.11	21.38	38.62	27.51	5.48	5.20	105.3	2.9	
10	18.93	21.38	38.62	27.83	5.82	5.32	109.7	3.2	
20	16.72	21.41	38.68	28.42	5.58	5.52	101.4	2.1	
30	15.61	21.38	38.62	28.64	5.53	5.62	98.6	1.5	
50	14.96	21.38	38.62	28.78	5.90	5.69	103.7	0.5	
75	14.70	21.37	38.60	28.82	5.74	5.71	100.5	0.0	
100	14.68	21.37	38.60	28.83	5.20	5.72	90.8	3.1	
150	13.73	21.34	38.55	29.01	5.26	5.81	90.4	0.9	
200	13.49	21.32	38.51	29.02	5.42	5.84	93.0	3.3	
300	13.46	21.33	38.53	29.03	5.20	5.84	89.0	0.6	
400	13.45	21.32	38.51	29.03	5.24	5.84	89.7	1.5	
500	13.41	21.32	38.51	29.04	5.61	5.85	95.8	2.8	
600	13.29	21.32	38.51	29.06	5.23	5.87	89.4	2.4	
800	13.07	21.30	38.48	29.09	5.16	5.88	87.7	3.1	
1000	12.78	21.30	38.48	29.14	5.06	5.93	85.5	2.2	
1180	12.71	21.27	38.42	29.12	4.28	5.94	72.4	2.6	
2; 37 m; 0; 10/10 Ac, As; SE 4 m/sec; 1008									
20.4; 19.5; 22.1; 92 %									
8. 9.1966. 1040-1316 1200 m									
0	23.34	21.34	38.55	26.46	6.20	4.93	125.8	2.1	3.9
10	23.02	21.37	38.60	26.67	5.52	4.97	111.2	1.0	4.0
20	22.96	21.38	38.62	26.71	5.21	4.97	105.0	2.4	4.9
30	17.35	21.43	38.71	28.29	6.21	5.44	114.3	2.4	3.5
50	15.35	21.43	38.71	28.77	5.75	5.65	101.7	2.7	4.4

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
75	14.74	21.44	38.73	28.92	5.40	5.71	94.7	2.6	3.0
100	14.48	21.44	38.73	28.98	6.14	5.77	106.4	2.7	6.5
150	14.10	21.45	38.75	29.08	5.04	5.80	86.9		
200	13.69	21.39	38.64	29.08	5.81	5.83	99.7	1.2	4.6
300	13.50	21.33	38.53	29.05	6.11	5.86	104.4	0.0	6.6
400	13.50	21.34	38.55	29.06	5.29	5.86	90.4	1.0	7.0
500	13.46	21.34	38.55	29.06	5.35	5.87	91.4	2.6	5.3
600	13.32	21.33	38.53	29.08	5.02	5.87	85.5	1.8	4.1
800	13.08	21.33	38.53	29.13	4.90	5.89	83.2	1.0	3.8
1000	12.82	21.33	38.53	29.18	4.86	6.02	80.7	1.3	5.5
1180	12.74	21.33	38.53	29.21	4.34	6.03	71.8	3.2	2.9

0; 38 m; 2; 0; N 1 m/sec; 1019

22.0; 16.6; 15.3; 58 %

12.12.1966. 1037-1310 1190 m

0	15.35	21.09	38.10	28.30	6.32	5.68	111.3	1.3	5.5
10	15.42	21.12	38.15	28.32	5.80	5.67	102.4	2.6	7.5
20	15.42	21.19	38.28	28.43	6.00	5.66	106.0	2.1	
30	15.40	21.21	38.31	28.45	5.84	5.66	103.3	1.5	0.0
50	15.42	21.21	38.31	28.45	5.84	5.66	103.3	1.8	4.1
75	15.00	21.28	38.44	28.64	5.77	5.69	101.4	5.0	8.1
100	14.68	21.29	38.46	28.73	5.55	5.73	96.9	1.5	9.7
150	14.30	21.33	38.53	28.87	5.57	5.77	96.6		
200	14.20	21.35	38.57	28.92	5.45	5.77	94.5	1.1	3.2
300	13.72	21.35	38.57	29.02	5.45	5.82	93.7	1.6	6.9
400	13.58	21.35	38.57	29.05	5.91	5.83	101.3	3.1	4.2
500	13.54	21.23			5.51			2.1	5.6
600	13.39	21.19			5.88			0.4	5.3
800	12.90	21.16			5.19			0.3	5.6
1000	12.89	21.12			5.48			1.8	5.7
1180	12.84	21.10			4.68			2.5	6.5

1; 26 m; 2; 7/10 Cs, Ac, Cu; E 3 m/sec; 1010

13.4; 10.2; 10.3; 67 %

22. 3.1967. 1055-1250 1200 m

0	13.73	21.21	38.31	28.82	5.52	5.83	94.6	4.3	7.2
10	13.65	21.24	38.37	28.88	5.76	5.83	98.9	4.4	6.3
20	13.60	21.24	38.37	28.89	5.42	5.84	92.8	4.4	8.0
30	13.60	21.26	38.40	28.92	5.30	5.84	90.7		8.7
50	13.60	21.32	38.51	28.99	5.78	5.84	99.2	3.6	6.1
75	13.60	21.34	38.55	29.03	5.74	5.82	101.4	2.1	
100	13.62	21.34	38.55	29.03	5.55	5.82	95.4	1.1	7.5
150	13.62	21.32	38.51	29.01	5.49	5.83	94.2		
200	13.60	21.29	38.46	28.97	5.59	5.83	95.8	4.7	
300	13.64	21.31	38.49	28.98	5.55	5.83	95.1	1.7	
400	13.64	21.32	38.51	28.99	5.53	5.82	95.1	1.9	4.5
500	13.64	21.32	38.51	28.99	5.13	5.82	88.2	2.7	7.1

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	$P\text{-}PO_4$ mg/t	P-tot mg/t
600	13.46	21.31	38.49	29.01	5.38	5.84	92.2	3.0	7.4
775	13.24	21.28	38.44	29.02	5.42	5.97	93.2	3.4	6.0
940	12.90	21.26	38.40	29.07	5.10	5.91	86.2	1.7	5.0
1100	12.78	21.26	38.40	29.09	4.72	5.93	79.5	4.0	7.3

3; 34 m; 2; 5/10 Cs; NE 7 m/sec; 1020

13.4; 6.8; 5.5; 36 %

22. 6.1967. 0755-1030 1210 m

0	20.30	21.25	38.39	27.28	5.62	5.18	108.2	0.8	5.6
10	19.45	21.28	38.44	27.55	5.60	5.26	106.5	1.7	
20	17.81	21.29	38.46	27.98	5.75	5.42	106.2	2.9	
30	15.66	21.31	38.49	28.52	5.89	5.62	104.9		6.6
50	14.56	21.32	38.51	28.79	5.87	5.73	102.3	2.9	
75	14.13	21.34	38.55	28.92	5.81	5.77	100.8	2.7	0.6
100	13.98	21.35	38.57	28.96	5.67	5.79	97.9		1.3
150	13.68	21.35	38.57	29.03	5.59	5.82	96.1		
200	13.68	21.37	38.60	29.05	5.57	5.82	95.7	3.0	
300	13.63	21.38	38.62	29.08	5.48	5.82	94.2	3.1	7.3
400	13.63	21.38	38.62	29.08	5.80	5.82	99.6	4.0	9.3
500	13.60	21.39	38.64	29.10	5.29	5.83	90.7	2.5	2.7
600	13.50	21.40	38.66	29.12	5.46	5.83	93.7		
800		21.40	38.66		5.18				9.3
1000	12.87	21.32	38.51	29.16	5.06	5.91	85.6	1.7	
1190	12.78	21.29	38.46	29.14	5.03	5.96	85.5	2.3	7.2

2; 34 m; 1; 1 Ac; NE 3 m/sec; 1020

21.2; 18.4; 19.3; 77 %

7. 9.1967. 0635-0850 1210 m

0	22.90	21.21	38.31	26.48	5.33	4.98	107.0		
10	22.80	21.23	38.35	26.55	5.63	4.99	112.8	2.8	
20	17.97	21.24	38.37	27.89	5.74	5.42	106.0	3.2	
30	16.51	21.24	38.37	28.24	5.90	5.55	106.3	4.7	
50	14.97	21.26	38.40	28.62	6.27	5.71	109.9	2.3	
75	14.34	21.29	38.46	28.80	5.57	5.76	96.7	4.7	
100	14.10	21.30	38.48	28.87	5.54	5.78	95.8		
150	13.90	21.33	38.53	28.96	5.36	5.80	92.4		
200	13.83	21.36	38.58	29.00	5.39	5.80	92.8	4.7	
300	13.66	21.38	38.62	29.08	5.54	5.82	95.2	3.2	
400	13.60	21.38	38.62	29.09	5.90	5.83	94.3	4.6	
500	13.60	21.33	38.53	29.02	5.67	5.83	97.2		
600	13.52	21.30	38.48	29.00	5.42	5.84	92.6	3.9	
800	13.28	21.29	38.46	29.03	5,36	5.87	91.3	3.1	
1000	13.00	21.26	38.40	29.05	5.22	5.90	88.4		
1190	12.76	21.26	38.40	29.10	5.03	5.93	84.8	2.8	

1; 29 m; 1; 0; W 3 m/sec; 1013

22.8; 21.9; 25.4; 91 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
16.12.1967. 1100–1250 1200 m									
0	15.44	21.29	38.46	28.56	5.71	5.65	101.3	1.8	
10	15.44	21.29	38.46	28.56	5.63	5.65	99.7		
20	15.44	21.31	38.49	28.58	5.79	5.65	102.4	3.9	
30	15.43	21.31	38.49	28.58	5.69	5.65	100.0	2.6	
50	15.42	21.32	38.51	28.60	5.86	5.65	103.6	4.5	
75	15.44	21.31	38.49	28.58	5.77	5.65	101.9	3.1	
100	14.65	21.30	38.48	28.74	5.34	5.73	93.4	3.1	
150	14.38	21.31	38.49	28.81	5.34	5.75	93.0	2.4	
200	14.00	21.33	38.53	28.92	5.55	5.79	95.8		
300	13.74	21.32	38.51	28.96	5.32	5.83	91.2	4.1	
400	13.65	21.32	38.51	28.99	5.30	5.83	91.0	2.9	
500	13.60	21.31	38.49	28.89	5.29	5.83	90.7	1.6	
600	13.55	21.29	38.46	28.97	5.56	5.84	95.3	2.5	
800	13.20	21.26	38.40	29.00	5.05	5.88	85.9	1.1	
1000	12.80	21.24	38.37	29.13	5.14	5.93	86.6	1.9	
1190		21.21	38.31		5.00				
3; 25 m; 2; 3/10 Cs, Cu; NE 3–4 m/sec; 1017									
10.0; 6.2; 6.9; 57 %									
9. 3.1968. 1015–1212 1200 m									
0	14.08	21.42	38.69	29.03	5.36	5.78	92.6		5.8
10	14.04	21.50	38.84	29.16	5.42	5.78	93.6	2.2	5.2
20	13.95	21.49	38.82	29.17	5.34	5.78	92.4	2.2	3.9
30	13.82	21.49	38.82	29.20	5.44	5.80	93.8	1.4	4.5
50	13.66	21.48	38.80	29.21	5.05	5.80	87.2		
75	13.60	21.48	38.80	29.22	5.24	5.82	90.0	2.2	4.2
100	13.59	21.47	38.78	29.22	5.38	5.83	92.4	3.2	5.2
150	13.59	21.46	38.77	29.20	5.27	5.83	90.4		
200	13.56	21.48	38.80	29.24	5.10	5.83	87.4	3.4	4.0
300	13.63	21.48	38.80	29.22	5.29	5.83	90.6	2.4	6.0
400	13.54	21.49	38.82	29.26	5.22	5.82	89.8	1.1	4.4
500	13.54	21.49	38.82	29.26	5.16	5.83	98.4		9.1
600	(13.51)	21.45	(38.75)	(29.20)	5.36	(5.83)	(91.9)	2.4	
800	(13.59)	21.44	(38.73)	(29.17)	5.27	(5.84)	(90.3)	2.5	5.3
1000		21.43	38.71		5.54			2.2	6.4
1190	12.90	21.40	38.66	29.26	5.03	5.90	84.4	2.3	
1; 29 m; 2; 0; W 9 m/sec; 1008									
12.7; 9.6; 9.9; 67 %									
16. 6.1968. 0718–0909 1200 m									
0	21.60	21.49	38.82	27.25	5.24	5.07	103.5	3.3	3.5
10	21.04	21.48	38.80	27.39	4.97	5.11	97.3		
20	16.12	21.47	38.78	28.64	5.33	5.57	96.7	4.9	4.5
30	15.63	21.46	38.77	28.76	5.75	5.62	102.4		
50	14.87	21.46	38.77	28.93	5.64	5.69	97.4		
75	14.60	21.49	38.82	29.03	5.42	5.72	97.4		

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
100	14.55	21.50	38.84	29.05	5.21	5.72	91.2	4.0	4.1
150	14.10	21.49	38.82	29.14	4.99	5.76	86.7		
200	13.66	21.42	38.69	29.13	5.24	5.81	90.3		
300	13.54	21.42	38.69	29.15	5.14	5.82	88.5		8.7
400	13.54	21.40	38.66	29.13	5.16	5.82	89.5		
500	13.53	21.41	38.68	29.15	5.20	5.83	89.6		7.5
600	(13.53)	21.42	38.69	(29.16)	5.25	5.83	90.1		
800	13.58	21.42	38.69	29.15	5.22	5.83	89.6		
1000	13.52	21.41	38.68	29.15	5.16	5.83	89.5	3.3	3.4
1190	13.46	21.40	38.66	29.15	5.17	5.84	88.7		7.9

1; 33 m; 1; 3 Cs, Ac; SE 2 m/sec; 1013

21.6; 19.7; 21.5; 83 %

19. 9.1968. 1043-1237 1200 m

0	22.22	21.41	38.68	26.97	4.90	5.02	97.8		4.5
10	22.20	21.42	38.69	26.98	5.00	5.01	99.7		
20	19.09	21.45	38.75	27.89	5.82	5.30	109.7		3.5
30	17.21	21.51	38.86	28.54	5.93	5.47	108.3		
50	15.50	21.51	38.86	28.85	5.84	5.63	103.8	4.5	
75	15.00	21.54	38.91	29.00	5.54	5.67	97.5		
100	14.73	21.52	38.87	29.03	5.21	5.70	91.4	4.5	
150	14.45	21.52	38.87	29.09	5.06	5.73	88.2		
200	(14.20)	(21.42)	(38.69)	(29.02)	5.19	(5.86)	(88.5)		
300	13.74	21.42	38.69	29.11	5.04	5.81	86.7	1.9	4.7
400	(13.58)	(21.41)	(38.68)	(29.14)	5.23	(5.82)	(89.9)		
500	13.46	21.38	38.62	29.11	5.12	5.85	87.4		7.5
600	13.50	21.38	38.62	29.10	5.27	5.84	90.1		
800	13.28	21.39	38.64	29.17	5.74	5.87	92.7		
1000	13.22	21.39	38.64	29.18	5.37	5.87	91.4	0.0	7.3
1190	12.79	21.35	38.57	29.22	5.28	5.92	89.2	2.0	2.5

3; 24 m; 1; 9/10 Ac, Cu, Ns; WNW 8 m/sec; 1009

20.4; 17.8; 18.7; 78 %

7.12.1968. 0830-1220 1200 m

0	15.84	21.37	38.60	28.57	5.86	5.62	104.3	3.7	4.0
10	15.69	21.39	38.64	28.63	5.85	5.63	103.7		
20	15.60	21.41	38.68	28.68	6.03	5.63	107.4	3.8	3.7
30	15.54	21.41	38.68	28.70	5.90	5.63	104.8		
50	15.54	21.44	38.73	28.74	5.98	5.63	106.4	3.0	2.5
75	14.97	21.46	38.77	28.90	5.94	5.68	104.4		
100	14.69	21.47	38.78	28.97	5.89	5.72	103.2		2.0
150	14.48	21.47	38.78	29.01	5.75	5.73	100.3		
200	14.34	21.48	38.80	29.06	5.71	5.74	99.6		
300	14.02	21.47	38.78	29.12	5.76	5.78	99.5	2.0	3.5
400	13.72	21.44	38.73	29.15	5.40	5.81	93.2		
500	(13.58)	(21.44)	(38.73)	(29.18)	5.36	(5.83)	(91.7)	1.8	6.0
600	13.55	21.42	38.69	29.15	5.34	5.83	91.6		

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
800	13.35	21.40	38.66	29.17	5.34	5.83	91.6		
1000	(13.13)	(21.33)	(38.53)	(29.12)	5.25	(5.88)	(89.4)	3.5	5.4
1190	12.83	31.33	38.53	29.18	5.18	5.92	87.8	1.8	5.3

2; 24 m; 2; 0; N 4 m/sec; 1017

13.8; 10.2; 10.1; 65 %

12. 3.1969. 1040-1236 1200 m

0	14.52	21.54	38.91	29.11	5.75	5.72	100.6		2.8
10	14.38	21.54	38.91	29.14	5.08	5.74	88.6		
20	14.36	21.53	38.89	29.13	5.72	5.74	99.6	3.1	5.4
30	14.32	21.59	39.00	29.22	5.84	5.74	101.8		
50	14.25	21.55	38.93	29.19	5.44	5.75	94.7	1.8	2.5
75	14.14	21.54	38.91	29.20	5.62	5.77	97.4		
100	14.10	21.54	38.91	29.21	5.87	5.76	101.8	3.0	2.5
150	14.09	21.56	38.95	29.24	5.62	5.77	97.5		
200	14.09	21.58	38.98	29.26	4.94	5.77	85.7		
300	14.06	21.58	38.98	29.27	4.92	5.77	85.3	2.7	6.0
400	14.04	21.53	38.89	29.20	5.04	5.77	87.5		
500	13.94	21.53	38.89	29.23	5.87	5.78	101.4	2.3	4.9
600	13.90	21.54	38.91	29.25	5.71	5.79	98.4		
800	13.90	21.54	38.91	29.25	6.14	5.79	105.9		
1000	13.48	21.55	38.93	29.35	4.93	5.83	84.7	1.2	6.3
1190	12.76	21.54	38.91	29.45	5.49	5.91	92.9	3.5	4.0

1-2; 27 m; 2; 4/10 Ci, Cs, Cu; 0; 1012

14.8; 12.0; 12.1; 72 %

12. 6.1969. 0812-0950 1210 m

0	20.60	20.79	37.56	26.57	5.20	5.19	100.0	3.6	3.7
10	17.64	21.38	38.62	28.15	5.43	5.43	100.0		
20	15.72	21.44	38.73	28.69	5.47	5.61	97.4	3.1	2.7
30	15.33	21.45	38.75	28.80	5.61	5.65	99.3		
50	14.96	21.46	38.77	28.90	5.60	5.69	98.4		6.4
75	14.95	21.51	38.86	28.98	5.14	5.68	90.7		
100	14.91	21.52	38.87	29.00	5.16	5.69	90.6	4.7	6.0
150	14.80	21.53	38.89	29.01	5.07	5.70	88.8		
200	14.82	21.48	38.80	28.96	5.04	5.70	88.4		
300	14.80	21.46	38.77	28.94	5.15	5.70	90.3	1.9	6.1
400	14.80	21.46	38.77	28.94	4.93	5.70	86.6		
500	14.13	21.47	38.78	29.09	5.26	5.77	91.2	2.9	
600	14.05	21.47	38.78	29.11	5.11	5.78	88.4		
800	13.69	21.47	38.78	29.19	5.18	5.82	89.2		
1000	13.36	21.47	38.78	29.26	5.74	5.85	98.1	0.9	4.7
1190	12.85	21.47	38.78	29.36	5.33	5.90	90.3	3.7	6.7

0; 25 m; 1; 8/10 Ci, Cu, As; 0; 1003

21.4; 19.4; 21.2; 83 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO mg/t	P-tot mg/t
4. 9.1969. 0915-1145 1208 m									
0	23.95	21.34	38.55	26.37	4.72	4.87	96.8	1.6	2.5
10	23.58	21.36	38.58	26.49	5.23	4.90	107.0		
20	18.90	21.43	38.71	27.90	5.74	5.32	107.5	2.1	5.0
30	17.11	21.44	38.73	28.37	5.74	5.48	104.8		
50	15.36	21.51	38.86	28.89	5.34	5.65	94.4	2.2	
75	14.88	21.56	38.95	29.06	5.38	5.70	94.4		
100	14.53	21.49	38.82	29.04	4.72	5.72	82.4	1.3	2.1
150	14.33	21.50	38.84	29.10	5.02	5.75	87.2		
200	14.14	21.51	38.86	29.16	5.54	5.76	96.2		
300	(14.08)	(21.46)	(38.77)	(29.10)	5.04	(5.78)	(87.2)	2.2	
400	13.91	21.48	38.80	29.16	4.94	5.79	85.4		
500	13.66	21.48	38.80	29.22	5.24	5.82	90.1	2.5	
600	13.60	21.50	38.84	29.26	5.15	5.83	88.2		
800	13.30	21.50	38.84	29.32	5.17	5.85	88.2		
1000	13.01	21.52	38.87	29.40	4.84	5.88	88.2	0.2	
1190	12.76	21.52	38.87	29.45	5.65	5.91	95.6	2.1	
1; 29 m; 2; 3/10 Ci, Cs; W 1 m/sec; 1000									
24.8; 21.2; 22.8; 73 %									
7.12.1969. 1320-1537 1200 m									
0	15.83	21.40	38.66	28.62	5.50	5.60	98.6	2.1	0.0
10	15.80	21.40	38.66	28.63	5.26	5.60	94.0		
20	15.78	21.41	38.68	28.63	5.47	5.61	97.5	1.7	8.8
30	15.53	21.34	38.55	28.60	4.93	5.63	87.7		
50	15.44	21.45	38.75	28.78	5.48	5.64	97.2	1.2	
75	15.03	21.45	38.75	28.87	4.89	5.68	86.1		
100	14.70				4.94			1.9	8.8
150	14.60	21.50	38.84	29.04	4.99	5.71	87.4		
200	14.42	21.50	38.84	29.04	5.05	5.73	88.0		
300	14.28	21.48	38.80	29.08	5.51	5.75	95.8		
400	14.06				5.24			0.6	
500	13.98	21.45	38.75	29.10	4.40	5.78	76.2	1.5	6.0
600	13.96				5.41				
800	13.71	21.43	38.71	29.13	5.59	5.81	96.3		
1000	13.38	21.40	38.66	29.16	5.40	5.85	92.3	1.7	2.2
1190	12.90	21.37	38.60	29.23	5.17	5.90	87.7	1.2	
2; -; 1; 10/10 As, Ac, Cs; NE 3 m/sec; 987									
10.8; 6.9; 7.2; 56 %									

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt

24 (133) SUĆURAJ

43°8'N 17°11'E

5.11.1965. 1412-1441 50 m

0	19.34	21.23	38.35	27.51
20	19.40	21.28	38.44	27.57
45	19.24	21.35	38.57	27.71

2; -; -; 10 Ae; SE 4-5 m/sec; 1019

17.5; -; -; -;

2.12.1965. 1550-1625 47 m

0	15.20	18.93	34.20	25.33
10	16.80	20.84	37.65	27.61
20	17.24	21.08	38.08	27.84
30	17.18	21.23	38.35	27.98
45	17.26	21.31	38.49	28.14

1; -; -; 0; N 5 m/sec; 1001

10.8; -; -; -;

16. 1.1966. 1308-1323 45 m

0	10.74	20.41	36.87	28.32
20	12.90	20.93	37.81	28.61
30	13.20	21.07	38.06	28.73

2; 12 m; 0; 10/10 Cu, Ns; SE 5 m/sec; 1002

11.2; -; -; -;

15. 2.1966. 1616-1636 48 m

0	12.20	20.13	36.36	27.63
20	12.53	21.02	37.97	28.80
40	12.68	21.08	38.08	28.86

3; 10 m; 2; 0; N 9 m/sec; 998

12.0; 7.8; 7.7; 55 %

18. 3.1966. 1216-1234 53 m

0	12.12	20.50	37.03	28.16
20	12.70	21.05	38.03	28.81
45	12.60	21.11	38.13	28.91

1; 20 m; 1; 10/10 Cs, Ac, Cu; NW 3 m/sec; 1010

11.1; 5.4; 5.1; 38 %

25. 4.1966. 1658-1715 52 m

0	15.02	20.59	37.19	27.68
20	13.84	21.04	38.01	28.56
45	13.47	21.15	38.21	28.80

0; 21 m; 2; 0; 0; 1005

19.2; 15.6; 15.3; 69 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

25 (121) KAŠTELANSKI ZALIV
43°31'N 16°22'E

7. 1.1965. 1315-1400 38 m

0	12.20	17.22	31.11	23.56
10	15.60	20.55	37.12	27.49
20	15.85	21.00	37.94	28.06
35	15.78	21.09	38.10	28.20

-; 7 m; -; -; -; -;

15. 1.1965. 0904-0958 38 m

0	12.35	18.93	34.20	25.91
5	12.56	19.00	34.33	26.01
10	12.95	19.48	39.19	26.58
20	14.32	20.43	36.91	27.61
30	14.36	20.70	37.39	27.96

1-2; -; -; -; SE 2 m/sec; -;

20. 1.1965. 0755-0845 38 m

0	12.15	19.88	36.91	27.31	4.40	6.09	72.3	2.1	
10	12.40	20.40	36.85	27.97	5.69	6.04	96.0	2.5	
20	14.30	20.71	37.41	28.01	6.30	5.80	108.5	2.1	
35	15.00	21.06	38.04	28.33	5.74	5.71	100.4	1.5	

2; 11 m; 1; 10 Cs; NE 8-10 m/sec; 983
7.8; 5.4; 7.3; 70 %

22. 2.1965. 0755-0855 40 m

0	9.42	20.42	36.89	28.55	6.25	6.39	102.2	1.3	2.9
10	9.44	20.42	36.89	28.55	6.43	6.39	101.0	2.6	4.5
20	9.50	20.43	36.91	28.55	6.43	6.38	101.0	0.0	4.9
35	9.62	20.43	36.91	28.53	6.24	6.37	98.0	3.0	6.1

0; 11 m; 2; 8 As; NE 1-2 m/sec; 1015
4.3; 2.2; 5.8; 71 %

m	t°C	Cl‰	Sal‰	σ_t	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
22. 2.1965. 0740-0839 37 m									
0	9.40	20.35	36.76	28.45					
5	9.45	20.32	36.71	28.41					
10	9.52	20.37	36.80	28.46					
20	9.47	20.37	36.80	28.47					
30	9.49	20.30	36.67	28.36					
0; -; -; -; 0; -									
15. 3.1965. 0800-0858 37 m									
0	10.84	18.06	32.63	24.98					
5	10.44	19.26	34.79	26.73					
10	10.84	20.19	36.47	27.98					
20	11.44	20.83	37.63	28.76					
30	11.59	20.91	37.77	28.84					
0; -; -; -; 0; -									
9.0; 7.6; 9.5; 81 %									
5. 4.1965. 0800-0905 38 m									
0	12.79	19.90	35.95	27.20	4.64	6.03	76.8	0.1	6.5
10	12.00	20.75	37.48	28.53	6.54	6.05	108.0	0.0	8.6
20	11.94	20.81	37.59	28.63	6.66	6.05	110.3	0.4	8.5
35	12.01	20.90	37.75	28.73	6.75	6.04	112.2	0.0	
0; 9 m; 0; 0; 0; 1012									
10.4; 8.7; 10.2; 80 %									
12. 4.1965.									
0	14.45	17.59	31.78	23.62					
10	13.22	19.93	36.00	27.15					
20	12.25	20.92	37.79	28.72					
35	12.28	21.03	37.99	28.87					
-; 10 m; -; -; -; -									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

15. 4.1965. 0811-0857 39 m

0	12.85	19.19	34.67	26.18
5	12.85	19.16	34.61	26.14
10	12.85	19.22	34.72	26.22
20	12.65	20.52	37.07	28.08
30	12.15	20.74	37.47	28.49

2-3; -; -; -; NE 2 m/sec; -;
13.3; 8.7; 8.2; 53 %

16. 4.1965. 1645-1745 38 m

0	13.55	18.37	33.19	24.90	6.16	6.05	102.1	3.3	5.6
10	12.86	19.78	35.73	27.01	6.02	6.01	100.2	1.2	
20	12.30	20.61	37.25	28.29	5.47	6.02	90.8	2.7	4.9
35	12.06	20.76	37.50	28.55	5.88	6.04	97.6	1.4	4.3

0-1; 8 m; 2; 3 Ac; W 1 m/sec; 1001
14.1; 9.3; 8.5; 53 %

15. 5.1965. 0823-0858 37 m

0	14.52	19.84	35.84	26.74
5	13.84	20.67	37.34	28.05
10	13.62	20.68	37.36	28.11
20	13.12	20.84	37.65	28.44
30	12.92	20.87	37.70	28.53

1; 13 m; 1; 10 Cs; SW 3 m/sec; 1022
15.3; 12.6; 12.7; 74 %

25. 5.1965. 0825-0910 40 m

0	16.12	19.31	34.88	25.64	5.88	5.72	102.9	3.0	6.1
10	14.51	20.47	36.98	27.62	5.91	5.80	101.9	2.1	3.7
20	13.99	20.83	37.63	28.24	5.51	5.83	94.5	2.1	5.1
35	13.16	20.93	37.81	28.55	5.79	5.91	98.0	0.0	5.1

0; 15 m; 2; 0; 0; 1013
17.4; 15.0; 15.5; 78 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
7. 6.1965. 1230									
0	19.75	18.58	33.57	23.75					
10	18.20	20.09	36.29	26.23					
20	(16.10)	20.76	37.50	(27.16)					
35	(15.00)	20.89	37.74	(28.10)					
-; 12 m; -; -; -; -;									
15. 6.1965. 0740-0812 38 m									
0	20.38	18.16	32.81	23.01	5.46	5.46	100.0	1.6	3.0
10	17.05	20.45	36.94	27.01	5.67	5.45	104.2		0.7
20	15.83	20.68	37.36	27.62	5.67	5.45	100.5	0.3	1.6
35	14.65	20.83	37.63	28.10	5.72	5.76	99.3	1.2	2.6
0; 12 m; 1; 0; 0; 1010									
20.2; 14.6; 12.9; 55 %									
16. 6.1965. 0852-0934 38 m									
0	21.52	17.67	31.92	22.04					
5	17.38	20.10	36.31	26.54					
10	17.24	20.54	37.10	27.09					
20	15.64	20.78	37.54	27.81					
30	15.22	20.80	37.57	27.92					
0; 14 m; 2; 0; 0; 1024									
23.4; 17.1; 15.3; 54 %									
2. 7.1965. 1200									
0	24.05	19.65	35.50	25.73					
10	18.40	20.69	37.38	27.01					
20	15.58	20.88	37.72	27.95					
35	14.86	20.92	37.79	28.16					
-; 15 m; -; -; -; -;									
15. 7.1965. 0957-1029 38 m									
0	23.22	19.99	36.11	24.73					
5	21.57	20.17	36.44	25.45					
10	19.92	20.53	37.09	26.40					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	18.40	20.80	37.57	27.16					
30	15.60	20.96	37.86	28.05					

0; 18 m; 2; 0; 0; 1024

24.8; 22.0; 24.5; 78 %

19. 7.1965. 0800-0905 36 m

0	23.74	20.56	37.14	25.37	5.35	4.94	108.5	
10	20.46	20.80	37.57	26.62	5.38	5.21	103.1	2.0
20	16.08	20.91	37.77	27.87	5.80	5.61	103.3	1.8
35	14.30	21.19	38.19	28.60	5.16	5.77	89.4	1.6

0; 14 m; 1; 2 Ci; 0; 1017

22.6; 21.2; 24.3; 88 %

21. 7.1965. 38 m

0	24.35	20.20	36.49	24.68
10	19.70	20.64	37.29	26.60
20	16.02	20.97	37.88	27.97
35	14.40	21.07	38.06	28.48

-; 19 m; -; -; -; -;

5. 8.1965. 1200 38 m

0	24.70	19.84	35.84	24.09
10	22.45	20.49	37.01	25.63
20	17.38	20.93	37.81	27.59
35	14.95	21.05	38.03	28.34

11. 8.1965. 1425-1520 36 m

0	25.77	19.84	35.84	23.78	5.15	4.81	107.1	3.3
10	21.32	20.86	37.68	26.46	5.38	5.13	105.0	2.5
20	16.80	21.10	38.12	27.97	5.30	5.54	95.7	
35	14.56	21.20	38.30	28.63	4.68	5.74	81.7	

1; 16 m; 2; 2 Ci; NW 3 m/sec; 1016

28.2; 19.4; 16.7; 44 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
14. 8.1965. 0930-1010 38 m									
0	22.90	20.62	37.25	25.68					
5	22.68	20.67	37.34	25.81					
10	21.28	20.79	37.50	26.33					
20	15.83	21.16	38.22	28.28					
30	14.64	21.26	38.40	28.69					
0; 10 m; 2; 0; SE 2-3 m/sec; 1017									
23.4; 20.2; 21.6; 75 %									
16. 9.1965. 1525-1550 38 m									
0	21.44	19.76	35.70	24.94	5.21	5.69	91.7	1.3	
10	20.98	20.43	36.91	25.97	5.27	5.18	101.7	2.4	
20	20.72	20.80	37.57	26.54	4.99	5.19	96.2	3.7	
35	17.67	20.98	37.90	27.59	5.49	5.47	100.4	0.1	
0; 15 m; 1; 2 Cu; 0; 1013									
24.6; 19.6; 19.5; 63 %									
17. 9.1965. 0935-1012 38 m									
0	21.47	19.39	35.03	24.41					
5	21.15	20.64	37.29	26.21					
10	21.26	20.72	37.43	26.29					
20	20.60	20.80	37.57	26.58					
30	18.70	20.98	37.90	26.70					
0; 17 m; 2; 0; 0; 1029									
20.1; 16.1; 15.4; 65 %									
20. 9.1965. 1215 38 m									
0	21.55	20.38	36.82	25.74					
10	21.50	20.64	37.29	26.11					
20	21.20	21.01	37.95	26.70					
35	18.50	21.15	38.21	27.63					
9.10.1965. 1130									
0	21.03	20.28	36.64	25.75					
10	20.70	20.87	37.70	26.65					
20	20.65	21.05	38.03	26.91					
35	19.45	21.08	38.08	27.27					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
15.10.1965. 0830-0925 37 m									
0	19.60	20.64	37.29	26.63					
5	19.60	20.72	37.43	26.74					
10	19.60	20.73	37.45	26.76					
20	19.88	20.87	37.70	26.88					
30	19.60	21.10	38.12	27.27					
0; 11 m; 1; 0; SE 1 m/sec; 1032									
16.6; 11.2; 9.7; 51 %									
16.10.1965. 0816-0910 38 m									
0	19.40	20.74	37.47	26.83	5.04	5.30	95.1	2.1	7.7
10	19.44	20.77	37.52	26.86	5.02	5.30	94.6	2.1	6.6
20	20.08	21.06	38.04	27.08	5.20	5.22	99.7	1.6	
35	18.12	21.16	38.22	27.74	5.27	5.39	97.8	2.2	5.8
0; 11 m; 0; 0; N 0-1 m/sec; 1015									
14.8; 12.6; 13.1; 79 %									
13.11.1965. 1200									
0	17.78	20.61	37.23	27.05					
10	17.90	20.70	37.39	27.14					
20	18.20	20.94	37.83	27.40					
35	18.82	21.12	38.15	27.77					
22.12.1965. 0752-0824 40 m									
0	13.15	18.87	34.09	25.67	5.01	6.07	82.5		4.0
10	13.65	19.89	35.90	26.97	5.07	5.94	85.3	0.9	
20	16.72	21.13	38.17	28.03	5.81	5.54	101.4	0.6	4.6
35	16.46	21.11	38.13	28.06	5.74	5.57	103.0	3.4	
0; 11 m; 0; 10/10 Cs, As; 0; 1010									
12.0; 9.7; 12.0; 85 %									
28.12.1965.									
0	13.30	19.43	35.10	26.44					
10	14.75	20.47	36.98	27.56					
20	15.00	20.64	37.29	27.75					
35	16.40	21.16	38.22	28.15					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
19. 1.1966. 0903-0940									
0	11.90	20.57	37.16	28.31					
5	11.96	20.58	37.18	28.32					
10	12.00	20.63	37.27	28.37					
20	11.58	20.63	37.27	28.44					
30	12.00	20.71	37.41	28.48					
1; 13 m; 1; 10/10 As; NE 3 m/sec; 1012									
5.6; 2.6; 5.3; 59 %									
24. 1.1966. 0730-0805 38 m									
0	10.70	19.95	36.04	27.65	5.95	6.27	94.8	0.9	
10	10.68	20.01	36.15	27.74	5.90	6.27	94.1	1.9	9.5
20	11.12	20.15	36.40	27.87	6.45	6.20	104.2	1.1	9.7
35	11.84	20.60	37.21	28.36	5.60	6.09	92.0	1.8	
1; 9 m; 2; 8/10 Co, As, Ac; NNW 4 m/sec; 997									
10.4; 7.2; 8.0; 64 %									
28. 1.1966. 1250 38 m									
0	10.00	19.62	35.66	27.49					
10	10.98	19.85	35.86	27.49					
20	12.75	20.94	37.82	28.65					
35	13.40	21.12	38.15	28.77					
24. 2.1966. 0820-0905 38 m									
0	12.02	19.21	34.70	26.20					
5	12.20	19.53	35.28	26.79					
10	12.33	20.22	36.53	27.71					
20	12.41	20.33	36.73	27.86					
30	12.47	20.51	37.05	28.11					
2; 13 m; 2; 7/10 Ac; NE 7 m/sec; 1018									
11.4; 8.6; 9.3; 69 %									
4. 3.1966. 38 m									
0	12.28	19.14	34.58	26.25					
10	12.38	19.83	35.82	27.19					
20	12.38	20.12	36.35	27.58					
35	12.68	20.83	37.63	28.51					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

22. 3.1966. 0833–0915 38 m

0	10.64	20.01	36.15	27.75
5	10.58	20.02	36.17	27.78
10	11.54	20.29	36.65	27.96
20	11.57	20.31	36.69	27.99
30	12.60	20.83	37.63	28.52

-; 10 m; 1; 2/10 As; -; -;
8.6; 5.2; 6.5; 59 %

31. 3.1966. 0740–0805 38 m

0	11.09	20.12	36.35	27.84	6.27	6.21	100.8	0.5	8.1
10	11.24	20.16	36.42	27.87	6.03	6.18	97.5	0.8	5.9
20	11.44	20.31	36.69	28.03	5.79	6.14	94.4	0.4	7.3
35	12.40	20.87	37.70	28.62	5.38	5.99	90.0	0.0	7.7

1; 11 m; 2; 0; N 4 m/sec; 1012.5
6.2; 2.1; 4.4; 46 %

18. 4.1966. 0845–0923 38 m

0	14.90	19.49	35.21	26.16
5	14.15	19.84	35.84	26.83
10	13.02	20.07	36.26	27.20
20	12.82	20.29	36.65	27.72
30	12.69	20.83	37.63	28.51

0; 9 m; 2; 1/10 Cu; 0; 1003
14.4; 10.9; 10.8; 66 %

23. 4.1966. 0812–0917 40 m

0	14.80	19.41	35.07	26.10	5.67	5.85	96.8
10	14.40	19.78	35.73	26.68	5.83	5.86	99.6
20	14.01	20.30	36.67	27.49	5.69	5.86	96.7
35	13.26	21.03	37.99	28.66	5.42	5.89	91.8

2; 9 m; 2; 3/10 As, Cu, Cs; NE 6 m/sec; 1010
16.9; 11.9; 12.1; 63 %

16. 5.1966. 0824–0905 37 m

0	17.92	16.05	29.00	20.73
5	16.48	20.27	36.62	26.89

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
10	15.94	20.45	36.94	27.27					
20	14.48	20.83	37.63	28.13					
30	13.67	20.93	37.81	28.44					

0; 9 m; 0; 0; 0; 1010

18.4; 15.8; 16.3; 77 %

24. 5.1966. 1225-1315 36 m

0	21.70	18.02	32.56	22.47					
10	16.15	20.39	36.83	27.13					
20	15.00	20.62	37.25	27.72					
35	13.80	20.88	37.72	28.35					

1; 7 m; 15 km; 3/10; SW 2 m/sec; 1010

24.4; 19.4; 19.2; 63 %

26. 5.1966. 1150-1240 39 m

0	22.11	18.76	33.89	23.36	6.01	5.19	115.7	1.5	6.5
10	16.51	20.47	36.98	27.17	6.23	5.60	111.3	1.8	2.1
20	15.38	20.70	37.39	27.75	6.36	5.69	111.7	0.0	2.9
35	13.85	20.92	37.79	28.40	7.11	5.83	122.0	1.2	7.8

1; 7 m; 2; 4/10 Ci, As, Cu; SE 2 m/sec; 1005

22.6; 17.2; 16.0; 59 %

15. 6.1966. 0808-0857 37 m

0	22.40	18.83	34.02	23.40
5	22.37	19.40	35.05	24.17
10	21.70	19.56	35.34	24.57
20	17.32	20.64	37.29	27.22
30	15.74	20.82	37.61	27.83

1; -; 1; 4/10 Cs, Ac; SE 2 m/sec; 1011

23.6; 19.1; 18.9; 65 %

20. 6.1966. 0730-0800 38 m

0	23.47	18.78	33.93	22.98
10	21.72	19.62	35.44	24.65

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	16.11	20.78	37.54	27.69					
35	14.51	20.89	37.74	28.20					

0; 11 m; 2; 2/10 Ci; SE 1 m/sec; 1001

23.8; 15.9; 12.8; 43 %

11. 7.1966. 0750-0845 38 m

0	22.55	19.97	36.08	24.90	5.13	4.99	103.1	0.5	
10	20.96	20.40	36.85	25.94	5.24	5.19	101.0	0.7	
20	15.82	20.88	37.72	27.90	5.33	5.64	96.4	0.1	
35	14.58	20.98	37.90	28.31	5.39	5.76	93.7	0.1	

0; 15 m; 1; 3/10 Cs; 0; 1006

21.8; 17.2; 16.5; 63 %

22. 7.1966. 0745-0825 37.5 m

0	23.91	19.96	36.06	24.50
5	22.10	20.46	36.96	25.70
10	18.04	20.79	37.56	27.24
20	15.74	20.96	37.86	28.02
30	15.03	21.08	38.08	28.36

0; 15 m; 2; 7/10 Ac, Cu; SE 1 m/sec;
1017

24.1; 18.9; 18.7; 63 %

3. 8.1966. 0900-0935 36 m

0	24.80	19.93	36.00	24.19
10	22.00	20.74	37.47	26.11
20	18.82	20.94	37.83	27.24
35	15.73	21.03	37.99	28.12

0; 12 m; 1; 0; 0; 1013

26.4; 20.6; 20.4; 59 %

11. 8.1966. 0800-0900 40 m

0	24.50	20.27	36.62	24.75	5.19	4.89	106.0	2.9	2.7
10	23.69	20.51	37.05	25.31	5.44	4.95	109.8	0.0	4.1
20	19.20	21.00	37.94	27.24	5.66	5.31	106.3	1.0	4.9
35	15.10	21.13	38.17	28.42	5.49	5.69	98.4	1.2	5.2

0; 13 m; 2; 0; 0; 1020

25.7; 15.6; 11.0; 34 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

15. 8.1966. 0808-0850 37.5 m

0	25.55	20.31	36.69	24.47
5	24.08	20.60	37.21	25.31
10	21.61	20.91	37.77	26.45
20	18.12	20.95	37.84	27.44
30	15.70	21.07	38.06	28.19

0; 14 m; 1; 0; 0; 1019

25.4; 21.2; 22.4; 69 %

15. 9.1966. 0740-0805 38 m

0	23.67	20.27	36.62	24.94	6.20	4.97	125.0	2.9	
10	22.14	20.85	37.66	26.22	6.34	5.07	125.0	3.1	4.1
20	19.63	20.99	37.92	27.11	5.70	5.28	108.0	2.9	3.6
35	16.09	21.12	38.15	28.16	5.76	5.59	103.2	2.8	4.0

0; 15 m; 0; 0; ENE 1 m/sec; 1019

21.6; 16.4; 15.2; 59 %

16. 9.1966. 0813-0857 37 m

0	23.52	20.20	36.49	24.94
5	23.60	20.29	36.65	25.03
10	22.12	20.64	37.29	25.94
20	18.95	20.98	37.90	27.28
30	16.70	21.07	38.06	27.96

2; 11 m; 1; 6/10 Cu; SE 5 m/sec; -;

24.4; 19.1; 18.4; 60 %

1.10.1966. 1725-1310 40 m

0	21.85	20.24	36.56	25.44
10	21.85	20.28	36.64	25.50
20	21.80	20.57	37.16	25.91
35	20.45	21.02	37.97	26.89

1; 11 m; 2; 3/10; SE 4 m/sec; 1009

22.8; 18.6; 18.7; 67 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
15.10.1966. 0740-0826 38 m									
0	21.20	20.28	36.64	25.70	5.03	5.18	97.2	2.3	4.5
10	21.56	20.59	37.19	26.02	4.54	5.13	88.6	2.2	5.7
20	21.48	20.61	37.23	26.08	4.97	5.14	96.6	1.9	5.3
35	21.34	20.80	37.57	26.34	5.06	5.14	98.5	3.2	3.9
0; 11 m; 1; 0; 0; 1018									
18.2; 16.0; 16.7; 80 %									
19.10.1966. 0803-0848 37 m									
0	20.96	20.40	36.85	25.93					
5	21.12	20.44	36.92	25.94					
10	21.23	20.47	36.98	25.95					
20	21.34	20.78	37.54	26.35					
30	21.49	21.03	37.99	26.65					
0; 12 m; 2; 2/10 Cc; 0; 1013									
20.1; 18.1; 19.3; 83 %									
11.11.1966. 0809-0900									
0	17.74	18.77	33.91	25.52	5.39	5.59	96.6	1.4	
10	20.00	20.39	36.83	26.16	5.32	5.28	100.6	1.1	
20	20.24	20.63	37.27	26.45	5.27	5.24	100.7	2.5	7.5
35	20.48	20.84	37.65	26.67	4.92	5.21	94.4	1.5	4.7
0; 8 m; 1; 10/10 Sc; E 2 m/sec; 1017									
15.4; 13.8; 14.7; 84 %									
16.11.1966. 0817-0908 38 m									
0	16.62	18.75	33.87	24.76					
5	16.58	18.79	33.95	24.77					
10	19.76	20.12	36.35	25.88					
20	20.14	20.68	37.36	26.54					
30	20.23	20.91	37.77	26.82					
2; 10 m; 2; 6/10 Ac, Cu; NE 7 m/sec; 1012									
11.1; 7.1; 7.3; 56 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
24.11.1966. 1145-1220 38 m									
0	15.90	18.37	33.19	24.40					
10	16.35	19.31	34.88	25.60					
20	17.70	19.88	35.91	26.06					
35	19.30	20.78	37.54	26.90					
2; 5 m; 1; 10/10; SW 9 m/sec; 1010									
14.6; -; -; -;									
15.12.1966. 0855-0942 38 m									
0	13.02	18.15	32.79	24.70					
5	14.82	19.06	34.43	25.61					
10	16.25	19.76	35.70	26.24					
20	17.66	20.69	37.38	27.21					
30	17.84	20.96	37.86	27.52					
1; 7 m; 2; 0; NE 3 m/sec; 1012									
9.9; 4.6; 4.9; 40 %									
27.12.1966. 0739-0810 38 m									
0	14.48	20.28	36.64	27.46	5.59	5.81	96.3	1.6	
10	14.53	20.34	36.74	27.44	5.45	5.80	93.8	1.9	
20	15.64	20.58	37.18	27.52	5.44	5.68	96.6	0.6	6.5
35	16.54	20.98	37.90	27.72	5.20	5.57	93.3		7.3
1; 8 m; 1; 2/10 Ac; NE 8 m/sec; 1025									
5.8; 2.2; 4.8; 52 %									
11. 1.1967. 1250-1330 38 m									
0	11.32	19.79	35.75	27.31					
10	11.35	19.83	35.82	27.37					
20	12.55	20.23	36.55	27.70					
35	14.53	20.70	37.39	27.93					
2; 7 m; 2; 0; NE 8 m/sec; 1015									
4.6; 1.4; 4.7; 54 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
18. 1.1967.	**0920–1004**	**38 m**							
0	10.38	20.09	36.29	27.83					
5	10.82	20.19	36.47	27.98					
10	12.50	20.37	36.80	27.91					
20	13.50	20.72	37.43	28.19					
30	13.70	21.01	37.95	28.54					
1; 9 m; 1; 0; NE 2 m/sec; 1024									
5.1; 0.4; 3.1; 36 ‰									
28. 1.1967.	**0735–0825**	**38 m**							
0	9.92	18.87	34.09	26.27	6.24	6.46	96.7	1.3	
10	12.64	20.47	36.98	28.02	6.02	6.11	98.7	1.0	1.4
20	13.26	20.54	37.10	27.99	5.60	5.93	94.5	1.6	2.4
35	13.90	21.07	38.06	28.58	5.15	5.82	88.6	2.5	4.5
1; 9 m; 2; 5/10 Ac; NE 11 m/sec; 1030									
7.6; 4.6; 6.5; 62 ‰									
16. 2.1967.	**1300–1330**	**39 m**							
0	10.90	19.96	36.06	27.63					
10	10.75	20.17	36.44	27.96					
20	10.75	20.71	37.41	27.93					
35	10.74	20.95	37.84	28.27					
0; 9 m; 2; 0; 0; 1023									
7.0; 3.0; 4.9; 49 ‰									
16. 2.1967.	**0920–1027**	**37 m**							
0	10.68	20.13	36.36	27.90					
5	10.70	20.21	36.51	28.02					
10	10.63	20.25	36.58	28.08					
20	10.60	20.74	37.47	28.75					
30	10.57	20.93	37.81	29.06					
1; 10 m; 1; 0; NE 3 m/sec; 1024									
6.4; 1.4; 3.5; 36 ‰									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
25. 2.1967. 0814–0912 39 m									
0	10.34	19.24	34.76	26.72	6.15	6.37	96.7	2.2	
10	10.42	20.37	36.80	28.29	6.16	6.27	98.4	2.7	7.2
20	10.42	20.49	37.01	28.47	6.00	6.25	96.0	2.9	8.7
35	11.22	20.91	37.77	28.91	5.94	6.13	96.8	2.9	
0; 7 m; 1; 0; 0; 1024									
7.2; 4.0; 6.5; 62 %									
22. 3.1967. 0815–0905 38 m									
0	11.22	20.59	37.19	28.46					
5	11.20	20.60	37.21	28.48					
10	11.22	20.60	37.21	28.48					
20	11.58	20.64	37.29	28.47					
30	11.82	20.82	37.61	28.67					
1; 11 m; 2; 0; NW 3 m/sec; 1022									
11.4; 7.4; 7.6; 57 %									
30. 3.1967. 0744–0815 37 m									
0	11.68	19.67	35.53	27.33	6.07	6.17	98.4	0.5	
10	12.05	20.06	36.24	27.57	6.61	6.09	108.6	0.7	
20	12.02	20.15	36.40	27.70	6.02	6.09	99.0	2.3	
35	12.40	20.89	37.74	28.65	5.76	5.99	96.2	0.9	
0; 9 m; 1; 10/10 St, Cu, Ac; 0; 1003									
11.8; 9.4; 10.1; 74 %									
20. 4.1967. 0805–0905 38 m									
0	13.44	20.03	36.18	27.24					
5	13.42	20.05	36.22	27.28					
10	13.05	20.32	36.71	27.73					
20	13.75	20.69	37.38	28.31					
30	13.57	20.76	37.50	28.45					
0; 13 m; 2; 0; 0; 1017									
13.1; 5.1; 3.4; 23 %									
28. 4.1967. 0725–0815 38 m									
0	12.64	20.13	36.36	27.54	6.01	6.02	99.9	1.1	3.3
10	12.70	20.53	37.09	28.10	6.08	5.99	101.7	0.0	5.2

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	12.72	20.76	37.50	28.41	5.86	5.97	98.2	0.8	6.4
35	12.90	20.92	37.79	28.60	5.97	5.94	100.5	1.6	8.0

0; 12 m; 1; 10/10 Ae, Cs, Cu; 0; 1018

12.4; 9.8; 10.4; 72 %

3. 5.1967. 1330-1425 36 m

0	14.09	19.92	35.99	26.96
10	14.07	20.47	36.98	27.74
20	13.98	20.70	37.39	28.05
35	13.10	20.90	37.75	28.52

3; 10 m; 1; 9/10; SE 23 m/sec; 1009

15.9; 14.2; 15.0; 83 %

18. 5.1967. 0800-0855 38.5 m

0	18.42	18.20	32.88	23.57
5	18.19	18.21	32.90	23.63
10	15.68	19.77	35.71	26.39
20	15.28	20.27	36.62	27.18
30	13.80	20.65	37.30	28.02

0; 13 m; 2; 5/10 As, Cu, St; 0; 1009

19.9; 15.2; 14.2; 61 %

21. 5.1967. 0650-0736 38 m

0	16.10	19.79	35.75	26.32	5.85	5.69	102.8	2.5	7.5
10	15.80	20.01	36.15	26.70	5.90	5.70	103.7	1.6	2.2
20	15.12	20.55	37.12	27.59	5.90	5.73	102.9	0.3	3.4
35	14.10	20.65	37.30	27.96	5.96	5.83	102.2	0.0	1.3

2; 14 m; 2; 10/10 Cs, Cu; NE 12 m/sec; 1013

16.4; 13.2; 13.1; 70 %

15. 6.1967. 0845-0933 37.5 m

0	18.48	19.26	34.79	25.01
5	19.02	19.65	35.50	25.42
10	18.45	20.17	36.44	26.28
20	16.23	20.51	37.05	27.26
30	14.70	20.94	37.83	28.22

0; 10 m; 1; 0; SE 1 m/sec; 1016

17.6; 12.1; 10.5; 52 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
29. 6.1967. 0749-0835 38 m									
0	24.60	19.37	34.99	25.16	5.55	4.93	112.6	3.0	
10	18.07	20.85	37.66	27.30	5.29	5.43	97.4	2.1	
20	15.98	20.94	37.83	27.95	5.57	5.67	98.2	3.0	9.6
35	14.20	21.04	38.01	28.52	5.34	5.80	92.2	3.4	2.9
0; 10 m; 1; 5/10 Cs, Ac; 0; 1019									
25.0; 22.2; 24.9; 79 %									
17. 7.1967. 1101-1147 38 m									
0	24.28	19.97	36.08	24.40					
5	19.10	20.69	37.38	26.84					
10	17.93	20.79	37.56	27.26					
20	14.72	21.08	38.08	28.42					
30	14.28	21.08	38.08	28.52					
0; 16 m; 2; 0; 0; 1016									
28.5; 22.3; 20.5; 53 %									
24. 7.1967. 0635-0730 38 m									
0	24.40	20.30	36.67	24.80	5.24	4.90	107.0	0.8	
10	18.66	20.90	37.75	27.23	5.55	5.37	103.5	1.3	
20	15.60	21.00	37.94	28.12	5.58	5.65	98.7	1.2	
35	14.28	21.07	38.06	28.50	5.76	5.78	99.8	1.6	
0; 12 m; 0; 0; 0; 1020									
24.2; 21.8; 24.5; 81 %									
31. 7.1967. 1100-1200 37 m									
0	25.82	20.13	36.36	24.14					
10	19.30	20.88	37.72	27.04					
20	16.13	20.96	37.86	27.93					
35	14.38	21.04	38.01	28.44					
1; 7 m; 1; 0; S 3 m/sec; 1017									
27.8; 22.6; 23.9; 65 %									
7. 8.1967. 0726-0832 39 m									
0	26.14	19.82	35.81	23.65	4.64	4.78	97.0	4.6	
10	21.80	20.71	37.41	26.13	5.38	5.09	105.9	0.5	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	16.00	20.99	37.92	28.01	4.98	5.62	89.0	2.3	
35	14.87	21.03	37.99	28.32	4.80	5.73	83.7	1.2	

1; 9 m; 2; 1/10 Ci; NW 3 m/sec; 1014

25.1; 18.8; 17.5; 54 %

22. 8.1967. 1125-1210 39 m

0	24.26	20.18	36.45	24.70
5	23.95	20.31	36.69	24.96
10	22.47	20.84	37.65	26.11
20	16.92	20.88	37.72	27.64
30	15.30	21.05	38.03	28.26

1; 16 m; 1; 0; SE 2 m/sec; 1018

25.8; 19.8; 19.1; 57 %

15. 9.1967. 1428-1520 38 m

0	22.00	20.29	36.65	25.49
5	22.00	20.31	36.69	25.52
10	21.96	20.49	37.01	25.78
20	22.01	20.61	37.23	25.93
30	20.48	21.13	38.17	27.07

0; 15 m; 1; 0; 0; 1012

21.6; 18.6; 19.5; 75 %

15. 9.1967. 0730-0810 38 m

0	22.08	20.27	36.62	25.44	5.03	5.05	99.6	1.5	4.4
10	21.85	20.30	36.67	25.54	5.45	5.12	106.4	3.4	
20	21.94	20.38	36.82	25.63	5.67	5.10	111.1	3.9	3.7
35	17.60	21.17	38.24	27.87	5.52	5.45	101.3	3.0	9.9

1; 13 m; 1; 10 St, As, Ac, Cu; N 5 m/sec; 1013

21.1; 17.7; 18.7; 79 %

13.10.1967. 0745-0845 38 m

0	21.72	19.67	35.53	24.72	5.48	5.18	105.7
10	21.96	20.20	36.49	25.38	5.18	5.13	101.3
20	21.62	20.77	37.52	26.25	5.13	5.12	100.2
35	20.96	21.10	38.12	26.70	4.97	5.16	96.3

0; 16 m; 0; 0; 0; 1024

17.1; 16.2; 17.8; 91 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
18.10.1967. 1155-1247 37.5 m									
0	21.40	17.89	32.32	22.37					
5	22.72	20.62	37.25	25.74					
10	22.05	20.96	37.86	26.39					
20	21.73	20.99	37.92	26.53					
30	21.12	21.06	38.04	26.79					
0; 11 m; 1; 0; 0; 1014									
22.0; 18.4; 18.8; 71 %									
24.10.1967. 1255-1350 40 m									
0	19.90	20.15	36.40	25.87					
10	21.60	20.94	37.83	26.49					
20	21.13	20.99	37.92	26.69					
35	18.65	21.16	38.22	27.59					
0; 18 m; 1; 0; 0; 1015									
19.4; 15.7; 15.4; 68 %									
14.11.1967. 1155-1233 37 m									
0	18.06	20.41	36.87	26.70					
5	18.30	20.66	37.32	26.99					
10	18.70	20.74	37.47	27.00					
20	19.01	20.94	37.83	27.19					
30	18.94	21.05	38.03	27.37					
0; -; 0; 0; 0; 1021									
19.1; 14.1; 12.8; 58 %									
15.11.1967. 0806-0903 37 m									
0	17.72	20.48	37.00	26.89	5.57	5.49	101.4		5.1
10	18.70	20.93	37.81	27.28	5.10	5.37	95.0		7.0
20	18.94	21.00	37.94	27.30	5.70	5.34	106.7		
35	19.04	21.10	38.12	27.42	5.15	5.33	96.7		4.4
1; 9 m; 0; 10/10 As; SE 2 m/sec; 1021									
14.2; 10.6; 10.3; 62 %									
22.11.1967. 1230-1330 41 m									
0	17.31	20.84	37.65	27.49					
10	17.30	20.88	37.72	27.54					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	17.46	20.98	37.90	27.64					
35	17.97	21.11	38.13	27.70					

1; 12 m; 2; 0; N 7 m/sec; 1029

14.2; 8.1; 6.7; 41 %

18.12.1967. 1423-1510 38 m

0	12.91	20.66	37.32	28.22				
5	13.14	20.67	37.34	28.20				
10	13.59	20.75	37.48	28.21				
20	13.62	20.84	37.65	28.33				
30	15.09	21.01	37.95	28.24				

0; -; 2; 00; 0; 1020

9.7; 4.8; 5.2; 44 %

24.12.1967. 0757-0825 36 m

0	12.94	20.90	37.75	28.56	5.23	5.94	88.1	1.6
10	12.94	20.95	37.84	28.62	5.43	5.93	91.6	4.8
20	12.94	20.96	37.86	28.64	5.37	5.93	90.5	4.5
35	12.93	21.02	37.97	28.73	5.32	5.93	89.7	4.9

2; 10 m; 1; 10/10 Ae, Cu; SE 6 m/sec; 1015

13.4; 11.6; 12.4; 81 %

29.12.1967. 0850-0945 40 m

0	12.80	20.56	37.14	28.11				
10	12.80	20.59	37.19	28.14				
20	12.80	20.66	37.32	28.25				
35	12.75	20.82	37.61	28.48				

0; 9 m; 1; 6/10 Cs, Ac; E 5 m/sec; 1005

10.0; 7.8; 9.1; 74 %

20. 1.1968. 0845-0940 40 m

0	10.40	20.21	36.51	28.07	6.07	6.20	97.9	1.5
10	10.50	20.28	36.64	28.16	6.16	6.18	99.7	3.5
20	10.60	20.34	36.74	28.22	6.18	6.25	99.0	1.8
35	11.80	20.91	37.77	28.78	5.33	6.06	88.0	3.0

2; 9 m; 2; 6/10 Cu; NE 18 m/sec; 1019

11.3; 6.2; 6.0; 45 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

22. 1.1968. 1350-1442 38 m

0	10.26	20.30	36.67	28.20
5	10.26	20.39	36.83	28.36
10	10.41	20.46	36.96	28.42
20	11.80	20.88	37.72	28.75
30	11.84	20.96	37.86	28.85

0; 9 m; 1; 0; 0; 1021

10.3; 6.3; 6.9; 55 %

19. 2.1968. 0757-0900 40 m

0	10.10	19.94	36.02	27.75	6.43	6.35	101.3	3.9	6.5
10	10.84	20.18	36.45	27.95	6.50	6.23	104.2		8.9
20	11.64	21.09	38.10	29.09	5.97	6.14	97.4	4.2	8.3
35	12.52	21.22	38.33	29.09	5.44	5.95	91.4	4.2	

1; 7 m; 2; 0; NE 2 m/sec; 1017

4.6; 0.2; 3.3; 39 %

20. 2.1968. 1135-1226 38 m

0	9.43	19.37	34.99	28.20
5	9.89	19.67	35.53	28.36
10	11.14	20.61	37.23	28.42
20	11.75	21.03	37.99	28.75
30	12.41	21.18	38.26	28.85

2; 9 m; 1; 10/10 Ac, As; SE 3 m/sec; 1018

7.6; 4.2; 6.0; 57 %

28. 2.1968. 1215-1300 40 m

0	10.83	20.24	36.56	28.04
10	10.83	20.33	36.73	28.17
20	11.13	20.50	37.03	28.36
35	11.15	21.02	37.99	29.09

2; 7 m; 1; 0; NE 7 m/sec; 1015

10.6; 6.9; 7.6; 60 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20. 3.1968. 0705–0740 39 m									
0	11.46	19.30	34.87	26.61	5.50	6.13	88.3	1.5	4.8
10	11.08	20.20	36.49	27.95	6.12	6.19	98.8	0.3	5.7
20	10.88	20.63	37.27	28.59	5.92	6.19	95.7	4.0	6.5
35	11.55	21.06	38.04	29.05	5.16	6.08	84.8	3.7	4.6
0; 11 m; 1; 0; 0; 1019									
10.2; 8.4; 9.9; 79 %									
25. 3.1968. 1443–1512 38 m									
0	13.43	19.68	35.55	26.75					
5	12.04	20.12	36.35	27.64					
10	11.81	20.68	37.36	28.48					
20	11.63	20.86	37.68	28.76					
30	11.70	21.00	37.94	28.95					
0; -; 0; 0; 0; 1019									
18.8; 14.8; 14.1; 65 %									
31. 3.1968. 1350–1450 40 m									
0	14.15	18.31	33.08	24.69					
10	12.10	20.70	37.39	28.44					
20	11.85	20.94	37.83	28.83					
35	11.83	21.13	38.17	29.10					
0; 8 m; 1; 10/10 Cu, As; 0; 1020									
14.0; 11.2; 11.5; 72 %									
20. 4.1968. 0750–0905 38 m									
0	15.96	19.63	35.46	26.15	5.60	5.72	98.0		
10	13.29	21.02	37.97	28.65	5.09	5.89	86.6		
20	12.92	21.05	38.03	28.77	5.40	5.93	91.4		
35	12.72	21.13	38.17	28.92	6.11	5.94	102.9	1.8	8.0
1; 7 m; 2; 0; NE 5 m/sec; 1020									
18.4; 12.4; 10.4; 49 %									
22. 4.1968. 1418–1503 38 m									
0	17.20	19.44	35.12	25.57					
5	14.47	20.65	37.30	27.87					
10	13.81	20.86	37.68	28.31					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	13.39	20.90	37.75	28.46					
30	12.92	21.04	38.01	28.76					

2; 11 m; 2; 0; SW 6 m/sec; 1016

20.4; 12.5; 9.2; 39 ‰

3. 5.1968. 1245-1335 42 m

0	18.30	18.99	34.31	24.68					
10	16.53	20.33	36.73	26.96					
20	13.05	21.04	37.95	28.20					
35	13.05	21.04	38.01	28.72					

1; 8 m; 1; 1/10 As, Ac; W 2 m/sec; 1016

21.5; 15.8; 14.2; 55 ‰

20. 5.1968. 0755-0908 38 m

0	17.79	20.55	37.12	26.97	5.73	5.48	104.6	3.6	
10	16.37	20.79	37.55	27.65	5.89	5.62	104.8		5.8
20	16.14	20.82	37.61	27.74	5.74	5.62	102.4	3.2	
35	15.28	20.91	37.77	28.06	5.90	5.70	103.4		

0; 11 m; 0; 9 Ac; 0; 1009

16.2; 13.6; 13.9; 75 ‰

23. 5.1968. 1110-1200 38 m

0	18.45	20.58	37.18	26.84
5	18.39	20.63	37.27	26.94
10	17.58	20.80	37.57	27.35
20	17.14	20.81	37.59	27.48
30	16.87	20.82	37.61	27.57

0; 7 m; 1; 0; 0; 1017

21.3; 17.6; 17.6; 70 ‰

6. 6.1968. 1015-1110 39 m

0	21.89	19.77	35.71	24.81
10	19.00	20.83	37.63	27.05

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	17.94	21.15	38.21	27.77					
35	15.75	21.16	38.22	28.30					

1; 14 m; 1; 9/10 Cu, As, Cs; SW
3 m/sec; 1016

23. 6.1968. 0800-0835 38 m

0	23.26	19.76	35.70	24.40	5.20	5.03	103.2	2.8	3.3
10	22.58	20.38	36.82	25.45	5.32	5.06	105.0	1.3	1.9
20	19.30	20.99	37.92	27.19	5.24	5.30	98.9	0.0	0.9
35	17.18	21.24	38.37	28.07	5.36	5.48	97.8	2.2	5.3

0; -; -; -; 0; 1010

22.6; 15.8; 13.5; 49 %

26. 6.1968. 1047-1140 38 m

0	23.70	19.70	35.59	24.20
5	22.92	19.71	35.61	24.44
10	22.74	19.82	35.81	24.64
20	19.55	20.19	36.47	26.28
30	18.20	20.47	36.98	26.77

0; 14 m; 1; 0; 0; 1020

27.8; 20.4; 19.1; 51 %

24. 7.1968. 1052-1130

0	21.32	20.95	37.84	26.58
5	20.87	20.96	37.86	26.72
10	20.44	20.98	37.90	26.87
20	16.12	21.02	37.97	28.02
30	14.70	20.82	37.61	28.06

1; 16 m; 1; 1/10 Ac; SE 3 m/sec;
1016

23.0; 18.8; 18.9; 67 %

27. 7.1968. 0712-0805 38 m

0	21.74	20.65	37.30	26.06	5.09	5.11	99.6	0.8	0.0
10	21.35	20.84	37.65	26.44	5.00	5.14	97.2	3.8	4.5

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	16.65	20.89	37.74	27.72	5.42	5.56	97.4	2.7	3.2
35	14.58	20.92	37.79	28.23	5.46	5.76	94.7	2.0	2.6

2; 15 m; 1; 7/10 Ac, As; NE 6 m/sec; 1015

21.6; 15.2; 13.1; 50 %

30. 7.1968. 1540-1640

0	21.28	20.88	37.72	26.50
10	21.47	20.99	37.92	26.60
20	16.17	21.21	38.31	28.28
35	14.92	21.24	38.37	28.60

1; 13 m; 1; 5/10 Ac, As, Cu; W
14 m /sec; 1014

25.8; 19.4; 18.3; 55 %

18. 8.1968. 0700-0817 37 m

0	22.90	20.14	36.38	25.03	5.26	5.04	104.3	0.7	1.2
10	23.00	20.77	37.52	25.86	4.99	4.99	100.0	3.6	4.5
20	19.99	21.10	38.13	27.17	5.09	5.23	97.2	0.4	2.1
35	15.85	21.25	38.39	28.41	5.03	5.61	89.7	2.4	3.6

1-2; -; -; 10/8 Ci, Cs, As, Cu; E 10 m/sec; 1010

24.4; 19.4; 13.1; 50 %

21. 8.1968. 1133-1210 37 m

0	22.48	20.43	36.91	25.54
5	22.02	20.43	36.91	25.68
10	17.86	20.80	37.57	27.29
20	17.75	21.26	38.40	27.95
30	15.98	21.26	38.40	28.39

0; 13 m; 2; 0; N 2 m/sec; 1021

24.2; 15.4; 11.6; 39 %

20. 9.1968. 1345-1446 38 m

0	21.42	20.06	36.24	25.34
5	21.10	20.22	36.53	25.65
10	21.11	20.43	36.91	25.93

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	20.08	21.09	38.10	27.12					
30	18.14	21.26	38.40	27.87					

1; 7 m; 2; 4/10 Cu; W 3 m/sec; 1012

22.8; 19.4; 20.3; 73 %

30. 9.1968. 0715-0745 39 m

0	20.22	20.15	36.40	25.52	5.47	5.26	104.0	3.6	
10	21.05	20.93	37.81	26.64	5.04	5.15	97.8		7.1
20	21.01	21.26	38.40	27.10	5.40	5.14	105.0		6.1
35	18.73	21.29	38.46	27.72	4.94	5.34	92.5		

1-2; -; -; 9/10 Ac, As, Cu; SE 8 m/sec; 1011

20.2; 17.2; 17.6; 75 %

19.10.1968. 0755-0920 39 m

0	18.72	19.66	35.52	25.52	5.50	5.45	101.1	3.4	
10	19.82	20.45	36.94	26.31	5.38	5.29	101.9		4.8
20	20.25	21.23	38.35	27.27	4.96	5.20	95.5		6.1
35	18.84	21.34	38.35	27.80	4.88	5.32	91.8	0.6	3.3

1; 8 m; 1; 10/10 Ns, As; E 5 m/sec; 1015

18.2; 12.4; 10.5; 50 %

25.10.1968. 0940-1030 39 m

0	17.68	20.45	36.94	26.87
10	18.17	21.12	38.15	27.66
20	17.28	21.34	38.65	28.19
35	16.47	21.37	38.60	28.42

1; 10 m; 1; 10/10 Ns; ESE 2 m/sec;
1010

16.0; 13.4; 13.6; 75 %

28.10.1968. 1237-1318 38 m

0	17.00	20.32	36.71	26.84
5	17.04	20.46	36.96	27.03
10	17.90	20.69	37.38	27.14

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	17.32	21.12	38.15	27.87					
30	16.67	21.22	38.33	28.17					

0; 10 m; 1; 0; 0; 1015

18.2; 14.4; 13.9; 66 %

16.11.1968. 0740-0840 39 m

0	15.90	20.04	36.20	26.72	5.38	5.70	94.4	1.4	4.3
10	16.06	20.37	36.80	27.14	5.22	5.65	92.2	1.1	4.1
20	17.22	20.84	37.65	27.52	5.07	5.50	92.3	4.3	5.6
35	17.36	20.94	37.83	27.62	5.14	5.49	93.6	1.7	4.6

2-3; -; -; 10/10 Cb; ESE 10 m/sec; 1005

17.2; 15.2; 16.0; 81 %

21.11.1968. 1312-1406 38 m

0	14.44	18.75	33.87	25.24
5	15.82	20.49	37.01	27.35
10	16.30	20.49	37.01	27.24
20	16.76	20.54	37.10	27.20
30	16.93	20.89	37.74	27.66

1; 6 m; 2; 0; NE 2 m/sec; 1020

14.0; 8.6; 7.6; 47 %

5.12.1968. 1220-1310 40 m

0	12.09	18.77	33.91	25.74
10	15.04	20.40	36.85	27.40
20	16.50	20.76	37.50	27.57
35	17.01	21.18	38.26	28.02

0; 8 m; 1; 0; 0; 1018

17.12.1968. 1350-1436 38 m

0	13.30	19.96	36.06	27.16
5	13.77	20.58	37.18	27.94
10	14.30	20.83	37.63	28.17
20	15.42	20.85	37.66	27.94
30	16.12	20.84	37.65	27.78

1; 9 m; 1; 10/10 Cu, St; SE 2 m/sec; 1000

14.0; 12.1; 12.9; 80 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
25.12.1968. 0804-0855 39 m									
0	12.05	18.63	33.66	25.55	5.67	6.21	91.3	3.6	4.9
10	12.80	19.87	35.90	27.16	5.47	6.03	91.0	4.0	4.7
20	14.78	20.65	37.30	27.80	6.20	5.77	107.7		5.6
35	15.26	21.08	38.08	28.31	4.78	5.68	84.3	4.5	7.5
2; 6 m; 1; 3/10 Cs; NE 5 m/sec; 1005									
7.2; 3.8; 5.7; 57 %									
10. 1.1969. 1255-1345 40 m									
0	11.75	20.23	36.55	27.86					
10	12.28	20.51	37.05	28.16					
20	12.94	20.72	37.43	28.30					
35	13.97	20.93	37.81	28.38					
1; 10 m; 1; 4/10 As, Cs; 0; 1010									
23. 1.1969. 1337-1413 38 m									
0	10.61	16.59	29.97	22.95					
5	11.13	19.99	36.11	27.63					
10	11.70	20.35	36.76	28.03					
20	13.06	20.44	36.92	27.89					
30	13.11	21.01	37.95	28.67					
0; 8 m; 1; 3/10 As; 0; 1021									
8.4; 5.5; 7.0; 65 %									
27. 1.1969. 0745-0838 38 m									
0	10.92	19.70	35.59	27.27	6.44	6.26	102.8	1.9	1.9
10	12.45	20.69	37.38	28.37	6.54	6.12	106.9	3.3	4.8
20	13.08	20.86	37.68	28.47	5.96	6.03	98.9	1.5	6.7
35	13.30	21.00	37.94	28.62	5.81	5.88	98.7	2.9	4.7
1; 8 m; 1; 0; N 5 m/sec; 1022									
7.7; 4.4; 6.2; 59 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
26. 2.1969. 1314-1353 38 m									
0	11.40	17.14	30.97	23.59					
5	11.60	18.59	33.58	25.58					
10	11.94	19.36	35.08	27.30					
20	12.21	20.85	37.66	28.63					
30	12.50	21.08	38.03	28.90					
1; 5 m; -; 9/10 Ac; SE 1 m/sec; 1007									
12.5; 8.6; 8.5; 58 %									
28. 2.1969. 0722-0828 38 m									
0	11.00	17.46	31.55	24.10	6.05	6.44	93.8	1.6	6.9
10	12.20	20.36	36.78	27.96	5.69	6.07	93.8	1.8	5.1
20	12.19	20.79	37.56	28.56	5.61	6.03	93.0	3.3	8.5
35	12.60	21.05	38.03	28.84	5.94	5.97	99.5	1.6	7.5
0-1; 4 m; 2; 8/10 Cu; NE 1 m/sec; 1015									
8.4; 5.2; 6.7; 61 %									
25. 3.1969. 0740-0835 39 m									
0	11.70	19.13	34.56	26.30	5.80	6.20	93.7	0.8	0.0
10	11.92	19.30	34.87	26.33	6.44	6.18	102.1	0.0	5.3
20	12.12	19.63	35.46	26.96	6.50	6.12	103.1	1.7	3.5
35	12.48	20.31	36.69	27.82	5.80	6.04	96.1	1.1	3.5
0; 7 m; 1; 9/10 Ac, As; 0; 1002									
10.4; 8.8; 10.3; 81 %									
25. 3.1969. 1220-1310 38 m									
0	11.91	19.14	34.58	26.30					
5	11.94	19.44	35.12	26.70					
10	12.01	19.46	35.16	26.73					
20	12.29	19.78	35.73	27.14					
30	12.52	20.46	36.96	28.02					
2; 8 m; 0; 10/10 Ns; SE 2 m/sec; 1007									
12.8; 10.1; 10.4; 70 %									
14. 4.1969. 0750-0855 39 m									
0	10.17	19.45	35.16	26.50	5.68	6.01	94.4	0.0	4.6

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
10	13.17	19.56	35.34	26.64	5.35	6.01	89.1	1.7	4.7
20	13.21	19.57	35.35	26.64	5.97	6.00	99.6	2.2	5.9
35	13.01	20.68	37.36	28.24	6.28	5.94	102.6	1.5	3.4

2; 7 m; 2; 10/10 Ns, As, Ac; S 7 m/sec; 999

14.2; 12.4; 13.2; 82 %

28. 4.1969. 1240-1330 38 m

0	18.28	18.20	32.88	23.60
5	13.70	20.03	36.18	27.18
10	13.53	20.40	36.85	27.73
20	13.39	20.84	37.65	28.38
30	13.35	20.96	37.86	28.55

0; 7 m; 2; 0; 0; 1018

22.4; 17.4; 16.5; 61 %

15. 5.1969. 0747-0852 39 m

0	18.06	18.74	38.86	24.39	5.85	5.57	105.2	2.2	6.0
10	15.61	20.41	36.87	27.29	5.64	5.70	99.1	3.7	4.6
20	14.94	20.81	37.59	28.00	6.39	5.74	110.1	2.8	3.3
35	13.90	20.96	37.86	28.46	6.03	5.83	103.3	1.2	

0; 12 m; 0; -; 0; 1013

19.6; 17.2; 18.0; 76 %

23. 5.1969. 1402-1445 38 m

0	20.60	17.67	31.92	22.28
5	17.23	19.39	35.03	25.50
10	16.85	19.86	35.88	26.25
20	15.90	20.65	37.30	27.56
30	15.38	20.75	37.48	27.82

1; 15 m; 2; 0; SW 3 m/sec; 1010

22.2; 15.6; 13.3; 50 %

20. 6.1969. 0715-0840 39 m

0	21.09	19.11	34.52	24.12	5.23	5.26	99.4		8.8
10	20.31	19.98	36.09	25.53	5.61	5.28	106.2		4.8

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	17.78	20.47	36.98	26.96	5.64	5.49	102.8		
35	14.80	20.99	37.92	28.28	5.39	5.74	93.8		

0-1; 10 m; 2; 2/10 Cu, As; 0; 1000

20.8; 18.6; 20.0; 81 %

26. 6.1969. 0935-1017 38.5 m

0	21.82	19.38	35.01	24.30
5	21.78	19.44	35.12	24.38
10	21.68	19.55	35.32	24.57
20	18.70	20.40	36.85	26.75
30	14.50	20.98	37.90	28.33

1; 15 m; 2; 4/10 Cu, St; NE 3 m/sec; 1010

23.0; 15.6; 12.8; 46 %

21. 7.1969. 0850-0950 39 m

0	20.95	21.03	37.99	26.80	5.88	5.16		1.9	4.5
10	16.86	21.04	38.01	27.87	5.61	5.54		2.5	5.5
20	15.48	21.18	38.26	28.39	5.82	5.66		1.4	3.1
35	14.11	21.27	38.42	28.82	5.22	5.79		0.9	4.5

1; 9 m; 1; -; E 3 m/sec; 1007

24. 7.1969. 0840-0928 38 m

0	21.49	20.32	36.71	25.67
5	21.27	20.32	36.71	25.73
10	17.70	20.88	37.72	27.45
20	15.48	21.10	38.12	28.28
30	14.34	21.22	38.33	28.70

1; 8 m; 1; 0; 0; 1008

27.4; 19.2; 16.8; 46 %

18. 8.1969. 0805-0910 39 m

0	23.70	19.90	35.95	24.46	5.72	4.98	114.6	1.9	6.4
10	23.68	20.10	36.31	24.74	5.89	4.98	118.2	0.9	6.3

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	16.16	21.10	36.31	26.73	5.21	5.60	92.9	1.2	4.1
35	14.75	21.25	38.39	28.66	5.24	5.73	91.3	1.5	6.6

0; 10 m; 1; 9/10 St, As; 0; 998

23.1; 23.1; 25.1; 65 %

29. 8.1969. 1221-1304 38 m

0	22.38	20.26	36.60	25.34
5	22.10	20.31	36.69	25.49
10	21.74	20.33	36.73	25.63
20	21.62	20.84	37.65	26.36
30	17.22	21.14	38.19	27.92

0; 16 m; 2; 3/10 Cu; SE 1 m/sec; 1012

23.0; 18.1; 17.5; 64 %

12. 9.1969. 1015-1125 37 m

0	22.25	18.10	32.70	22.41	5.24	5.22	100.0	0.5	7.4
10	22.70	20.34	36.74	24.59	5.12	5.04	101.5	1.6	6.7
20	22.26	21.29	38.46	26.78	5.33	5.03	106.0	1.4	4.2
35	15.80	20.94	37.83	27.99	5.13	5.64	91.1	2.9	3.3

0-1; 13 m; 2; 6/10 Ac, Cs, As; SE 1 m/sec; 996

28.4; 24.2; 27.2; 70 %

25. 9.1969. 1258-1343 38 m

0	21.90	18.95	34.23	23.68
5	21.91	19.59	35.39	24.55
10	22.39	20.55	37.12	25.73
20	22.58	21.04	38.01	26.35
30	21.88	21.14	38.19	26.70

0; 5 m; 1; 0; 0; 1020

24.9; 18.9; 18.0; 51 %

6.10.1969. 1102-1207 39 m

0	20.78	19.66	35.52	24.97	5.92	5.16	114.8	0.4	8.3
10	21.82	20.78	37.54	26.22	4.98	5.09	97.8	1.9	1.6

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	21.99	20.90	37.75	26.33	4.83	5.07	95.2	0.3	6.3
35	21.40	21.26	38.40	26.99	5.07	5.10	99.4	3.1	

0-1; 7 m; 2; 0; NE 1 m/sec; 1012

22.4; 19.8; 21.3; 79 %

22.10.1969. 1340-1415 38 m

0	19.90	19.48	35.19	24.97
5	20.42	20.39	36.83	26.06
10	21.40	20.79	37.56	26.35
20	21.58	21.04	38.01	26.64
30	21.27	21.17	38.24	26.90

0; 10 m; 1; 0; 0; 1018

21.6; 16.1; 14.4; 56 %

7.11.1969. 0810-0915 39 m

0	19.40	20.59	37.19	27.35	4.97	5.32	93.3	2.2
10	19.40	21.15	38.21	27.39	5.04	5.28	95.5	2.3
20	19.49	21.16	38.22	27.38	5.02	5.27	95.2	2.4
35	19.52	21.17	38.24	27.39				3.3

1; 8 m; 1; 3/10 Cu; NE 2 B; 1009

10.6; 6.3; 6.5; 52 %

25.11.1969. 1215-1303 38 m

0	17.56	20.69	37.38	27.22
5	17.57	20.70	37.39	27.23
10	17.56	20.71	37.41	27.24
20	18.11	20.84	37.65	27.29
30	18.55	21.03	37.99	27.44

2; 7 m; 2; 10/10 Cu, St; SE 5 m/sec; 1004

18.4; 14.2; 13.3; 63 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

24.12.1969. 1338-1424 38 m

0	11.82	19.88	35.91	27.33
5	12.01	19.99	36.11	27.46
10	13.65	20.59	37.19	27.98
20	14.87	20.57	37.16	27.69
30	15.06	20.67	37.34	27.78

1; 6 m; 2; 0; NE 2 m/sec; 1014

11.8; 6.6; 6.3; 45 %

30.12.1969. 0810-0890 39 m

0	11.53	19.82	35.81	27.33	5.45	6.18	88.2	0.18	7.7
10	13.32	20.45	36.94	27.84	5.11	5.92	86.3	0.00	
20	13.64	20.73	37.45	28.17	5.46	5.87	93.2	4.76	4.8
35	14.74	21.00	37.94	28.31	5.04	5.74	87.9	1.04	1.9

0-1; 8 m; 1; 6/10 Cs, Ci, As; NE 1 m/sec; 981

11.4; 10.2; 11.6; 86 %

17. 1.1970. 1237-1326 38 m

0	12.62	17.33	31.33	23.64
5	13.02	18.35	33.15	24.97
10	13.37	18.61	33.62	25.27
20	14.30	20.03	36.18	27.06
30	14.65	20.54	37.10	27.68

2; 5 m; 2; -; NE 6 m/sec; 1004

13.0; 9.1; 8.8; 59 %

22. 1.1970. 0813-0940 39 m

0	11.18	18.56	33.53	25.61	5.97	6.32	94.4	0.3	8.3
10	13.48	20.49	37.01	27.87	5.54	5.91	93.8		5.2
20	14.28	21.23	38.35	28.74	5.23	5.77	90.7	2.0	5.6
35	14.58	21.31	38.49	28.77	5.10	5.74	88.9	2.6	

1; 7 m; 0 km; -; NE 2 m/sec; 1005

7.0; 4.9; 7.1; 71 %

16. 2.1970. 0844-0945 40 m

0	11.62	19.60	35.41	27.00	5.87	6.18	94.8		7.4
10	11.95	19.70	35.59	27.07	5.75	6.14	93.5	2.3	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	12.60	20.32	36.71	27.43	5.67	6.02	94.1	1.3	5.5
35	13.40	20.86	37.68	28.40	6.57	5.89	111.2	1.6	4.9

3; 7 m; 0 km; 10/10 Ns; NE 260; 845

3.1; 2.0; 6.3; 81 %

24. 2.1970. 1148-1230 38.5 m

0	10.60	19.07	34.45	26.43
5	11.61	19.58	35.37	27.07
10	11.76	19.84	35.84	27.30
20	12.76	20.29	36.65	27.73
30	13.21	20.48	37.00	27.92

1; -; 2; 0; NE 2 m/sec; 1008

11.2; 5.8; 5.6; 42 %

21. 3.1970. 0818-0915 38 m

0	10.70	19.47	35.21	27.00	5.67	6.31	89.6	0.0	5.6
10	11.40	20.61	37.23	28.45	5.77	6.13	93.9	1.3	6.9
20	11.52	20.61	37.23	28.43	5.62	6.12	91.8	1.7	6.8
35	12.25	20.84	37.65	28.62	5.47	6.02	90.9	0.6	7.3

0; 6 m; 1 km; 2/10 As; N 2 m/sec; 1018

9.4; 4.4; 5.1; 43 %

30. 3.1970. 1228-1310 38.5 m

0	12.04	19.18	34.65	26.32
5	12.21	19.98	36.09	27.41
10	12.34	19.68	35.55	27.00
20	12.34	19.82	35.81	27.18
30	12.34	19.93	36.00	27.32

0; 7 m; 2; 0; 0; 1022

13.6; 8.8; 8.1; 52 %

27. 4.1970. 0755-0840 41 m

0	14.98	16.94	30.61	22.61	5.40	6.01	89.8	1.3	8.9
10	14.64	20.13	36.36	27.12	5.33	5.81	91.8	1.7	8.5
20	13.24	20.26	36.78	27.74	5.72	5.95	96.0	1.8	6.2
35	12.96	20.67	37.34	28.24	5.43	5.95	91.2	2.4	7.1

0-1; 8 m; 2 km; 8/10 As, Ac, Cu; NW 160 m/min; 1006

16.4; 10.2; 8.2; 45 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
29. 4.1970. 1248-1325 38.5 m									
0	15.29	16.93	30.59	22.53					
5	15.20	17.25	31.17	23.00					
10	14.29	18.71	33.80	25.21					
20	13.18	19.63	35.46	26.73					
30	13.21	20.04	36.20	27.30					
1; 7 m; 1; 6/10 Cu; SW 1 m/sec; 1017									
14.1; 10.0; 9.6; 60 %									
18. 5.1970. 0803-0855 37 m									
0	17.08	17.49	31.60	23.14	6.04	5.75	104.8	2.4	4.1
10	14.98	20.18	36.45	27.12	6.05	5.78	104.8	1.5	5.2
20	14.12	20.72	37.43	28.06	5.97	5.82	102.8	2.1	2.9
35	13.64	20.90	37.75	28.41	5.88	5.86	100.3	0.9	2.4
1; 8 m; 2 km; 8/10 As, Cs; SE 154 m/min; 1009									
18.8; 12.4; 10.1; 47 %									
25. 5.1970. 1228-1306 30 m									
0	16.64	18.71	33.80	24.69					
5	15.93	19.68	35.55	26.21					
10	15.39	19.90	35.95	26.64					
20	15.34	20.06	36.24	27.09					
30	14.07	20.17	36.44	27.23					
2; 12 m; 2; 0; SW 6 m/sec; 1022									
20.4; 14.6; 12.8; 53 %									
15. 6.1970. 0740-0845 37 m									
0	19.68	19.30	34.87	24.76	5.72	5.38	106.2	3.7	4.8
10	15.96	20.65	37.30	27.54	6.00	5.65	106.1	2.3	7.1
20	14.46	21.23	38.35	28.69	5.82	5.74	101.1	2.2	8.4
35	13.72	21.24	38.37	28.87	5.28	5.82	90.6	2.5	
0; 10 m; 1 km; 5/10 As, Ac; 0; 1005									
20.4; 18.4; 19.9; 83 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4mg/t	P-tot mg/t
							N-NH_4 mg/t	N-NO_2 mg/t	N-NO_3 mg/t

23. 6.1970. 1340–1416 30 m

0	23.69	18.93	34.20	23.08
5	20.23	19.91	35.97	25.45
10	17.30	20.62	37.25	27.18
20	15.53	20.86	37.68	27.94
30	14.37	20.94	37.83	28.30

0; 11 m; 2; 0; 0; 1020

27.2; 23.3; 26.3; 73 %

10. 7.1970. 0750–0843 39 m

0	22.68	19.59	35.35	24.60	5.41	5.10	106.0 69.16	0.4 0.000	4.5 4.90
10	18.80	20.55	37.12	26.72	6.11	5.38	113.5 42.00	0.8 0.000	3.8 4.62
20	15.88	20.88	37.72	27.88	6.34	5.64	112.5 52.08	0.3 0.000	4.2 4.90
35	14.24	20.99	37.92	28.40	6.15	5.79	106.2 50.12	1.1 0.000	2.4 4.90

0; 16 m; 1 km; –; 0; 1012

24.1; 21.6; 24.1; 80 %

24. 7.1970. 1300–1342 30 m

0	22.67	20.30	36.67	25.30
5	20.94	20.36	36.78	25.88
10	19.90	20.39	36.83	26.20
20	15.36	20.65	37.30	27.68
30	14.54	20.76	37.50	28.02

0; –; 1; 0; 0; 1018

29.2; 28.6; 38.8; 96 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2% / N-NH_4 mg/t	P-PO_4mg/t / N-NO_2 mg/t	P-tot mg/t / N-NO_3 mg/t
13. 8.1970. 0745-0850 39 m									
0	23.90	20.05	36.22	24.62	5.13	4.96	103.2 7.00	2.3 0.098	8.9 5.04
10	18.30	20.92	37.79	27.35	5.56	5.40	103.0 41.44	2.7 0.000	2.6 7.00
20	15.40	21.14	38.19	28.36	5.62	5.66	99.3 14.98	2.5 0.224	7.9 4.06
35	14.93	21.15	38.21	28.48	5.62	5.71	98.4 16.53	0.980	5.0 0.00
0; 16 m; 1 km; -; 0; 1016									
23.9; 19.0; 18.0; 64 %									
29. 8.1970. 1230-1318 38 m									
0	22.79	20.22	36.53	25.17					
5	22.61	20.33	36.73	25.38					
10	20.97	20.65	37.30	26.28					
20	18.62	20.84	37.65	27.17					
30	16.61	20.86	37.68	27.69					
2; 11 m; 1; 10/10 Ac, As; SE 4 m/sec; 1018									
24.4; 17.4; 15.2; 50 %									
9. 9.1970. 0725-0900 39 m									
0	23.62	20.18	36.45	24.87	5.36	4.98	107.9 92.54	2.6 0.896	3.22
10	21.18	20.95	37.84	26.62	5.27	5.14	102.8 65.10	0.5 0.000	2.6 3.36
20	20.38	20.98	37.90	26.88	5.34	5.21	102.6 38.64	1.3 0.756	3.3 3.36
35	16.52	20.99	37.92	27.88	5.47	5.56	98.4 54.60	2.0 0.756	4.0 3.92
0; 8 m; 1 km; -; 0; 1016									
22.2; 19.6; 21.1; 79 %									
23. 9.1970. 1310-1345 38.5 m									
0	20.86	20.62	37.25	26.27					
5	20.60	20.66	37.32	26.38					
10	20.49	20.72	37.43	26.50					

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4mg/t	P-tot mg/t
							N-NH_4 mg/t	N-NO_2 mg/t	N-NO_3 mg/t
20	19.43	20.90	37.75	27.03					
30	16.63	20.97	37.88	27.83					
1; 15.5 m; 1; 0; NW 2 m/sec; 1022									
20.2; 14.2; 12.1; 52 %									
8.10.1970. 0740-0935									
0	18.96	20.56	37.14	26.69	5.10	5.37	95.2	1.3	
							64.4	1.134	5.32
10	18.98	20.86	37.68	27.10	5.79	5.34	108.4	1.8	4.8
							56.0	0.294	10.08
20	19.10	21.05	38.03	27.33	5.09	5.32	95.9	0.9	1.4
							29.54	0.000	4.20
35	18.64	21.27	38.42	27.74	5.37	5.35	100.3	1.7	
							31.08	0.070	7.00
1; 14 m; 1 km; 4/10 Ci; SE 1 m/sec; 1017									
19.6; 17.2; 18.0; 76 %									
23.10.1970. 1215-1250 38.5 m									
0	17.76	20.67	37.34	27.14					
5	17.80	20.69	37.38	27.16					
10	17.82	20.67	37.34	27.12					
20	18.70	20.84	37.65	27.14					
30	18.83	20.89	37.74	27.18					
2; 11 m; 2; 5/10 Ac; NE 5 m/sec; 1014									
15.1; 10.0; 8.6; 51 %									
9.11.1970. 0800-0900 39 m									
0	16.68	20.73	37.45	27.49	5.53	5.57	99.6	4.0	
							3.5	0.154	5.6
10	16.70	20.74	37.47	27.50	5.42	5.57	97.4	3.3	7.1
							40.6	0.084	5.32
20	17.50	21.15	38.21	27.87	5.26	5.45	96.6	3.8	7.6
							63.0	0.084	5.88
35	17.60	21.18	38.26	27.88	4.91	5.45	90.2		5.4
							0.98	0.798	6.16
1; 9 m; 1 km; 8/10 Sc; 0; 1015									
15.0; 13.9; 14.9; 88 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml l	O_2ml/l	O_2%₀ / $N\text{-}NH_4$ mg/t	P-PO_4mg/t / $N\text{-}NO_2$ mg/t	P-tot mg/t / $N\text{-}NO_3$ mg/t

24.11.1970. 1535–1618

0	15.23	20.49	37.01	27.48
5	15.30	20.51	37.05	27.49
10	15.66	20.56	37.14	27.48
20	16.96	21.04	38.01	28.01
30	17.25	21.39	38.64	28.26

1; 5 m; 2; 0; NW 3 m/sec; 1018

15.8; 11.2; 11.9; 66 %

19.12.1970. 0807–0915 38 m

0	14.64	20.68	37.36	27.88	5.52	5.77	95.7 33.60	3.2 3.696	10.78
10	14.58	20.62	37.25	27.82	5.37	5.78	92.8 0.98	2.4 0.000	0.00
20	14.84	20.84	37.65	28.06	5.82	5.74	101.8 21.98	1.1 3.500	1.54
35	16.04	21.13	38.17	28.19	5.34	5.60	95.4 56.00	2.3 0.112	16.8

1; 5 m; 1; 2/10 Ac; NE 5 m/sec; 1021

8.6; 4.4; 5.6; 50 %

24.12.1970. 1224–1310 38.5 m

0	14.17	21.15	38.21	28.65
5	14.21	21.19	38.28	28.70
10	14.23	21.22	38.33	28.72
20	14.23	21.26	38.40	28.78
30	14.21	21.33	38.53	28.88

2; 5 m; 0; 10/10 As; NE 4 m/sec; 1009

6.1; 5.0; 8.0; 85 %

25 a (121) KAŠTELANSKI ZALIV

43°30' N 16°20' E

15. 1.1965. 1334-1640 38 m

m	t°C	Cl‰	Sal‰	σt
0	12.63	19.31	34.88	26.40
5	12.74	19.33	34.92	26.41
10	12.90	19.47	35.17	26.57
20	14.98	20.30	36.67	27.27
30	15.03	20.53	37.09	27.60
37	15.23	20.58	37.18	27.62

2-3; -; -; -; SE 2-3 m/sec; -;

22. 2.1965. 1158-1301 38 m

m	t°C	Cl‰	Sal‰	σt
0	9.30	20.33	36.55	28.31
5	9.45	20.35	36.76	28.44
10	9.52	20.35	36.76	28.43
20	9.52	20.39	36.83	28.49
30	9.40	20.33	36.73	28.43
37	9.30	20.30	36.67	28.40

0; -; -; -; 0; -;

15. 3.1965. 1200-1302 38 m

m	t°C	Cl‰	Sal‰	σt
0	10.94	18.04	32.54	24.88
5	10.74	19.28	34.83	26.71
10	10.89	20.33	36.73	28.17
20	11.54	20.68	37.36	28.53
30	11.64	20.86	37.68	28.76
37	11.74	20.88	37.72	28.78

0; -; -; -; 0; -;

15.2; 9.6; 8.3; 48 %

15. 4.1965. 1348-1440 38 m

m	t°C	Cl‰	Sal‰	σt
0	13.15	18.26	32.99	24.85
5	12.95	18.85	34.05	25.68
10	12.95	19.05	34.42	25.96
20	12.35	20.61	37.23	28.27
30	13.05	20.75	37.48	28.32
37	12.05	20.81	37.59	28.60

2-3; -; -; -; -; -;

15.9; 9.4; 7.4; 42 %

15. 5.1965. 1346-1433 38 m

m	t°C	Cl‰	Sal‰	σt
0	15.00	19.41	35.07	26.05
5	14.15	20.80	37.57	28.16
10	13.62	20.82	37.61	28.31
20	13.08	20.82	37.61	28.41
30	12.79	20.86	37.68	28.52
38	12.78	20.86	37.68	28.53

0; 15 m; 2; 10 Cs; 0; 1022

19.4; 14.2; 12.7; 57 %

16. 6.1965. 1402-1443 38 m

m	t°C	Cl‰	Sal‰	σt
0	21.55	18.02	32.56	22.51
5	18.03	20.05	36.18	26.19
10	16.96	20.49	37.01	27.09
20	15.74	20.78	37.54	27.78
30	15.08	20.85	37.66	28.02
37	15.21	20.85	37.66	28.00

1; 13 m; -; 0; SW 3-4 m/sec; 1021

24.4; 18.4; 17.2; 56 %

15. 7.1965. 1532-1620 38 m

m	t°C	Cl‰	Sal‰	σt
0	23.70	20.06	36.24	24.68
5	21.90	20.21	36.51	25.42
10	20.56	20.49	37.01	26.17
20	17.70	20.89	37.74	26.69

14. 8.1965. 1755-1827 38 m

m	t°C	Cl‰	Sal‰	σt
0	22.28	20.71	37.41	25.98
5	22.86	20.64	37.29	25.72
10	21.20	20.81	37.59	26.43
20	15.20	21.21	38.31	28.49

m	t°C	Cl‰	Sal‰	σt
30	15.68	20.96	37.86	27.25
37	14.52	21.00	37.94	28.36
1-2; 22 m; 2; 0; SW 2-3 m/sec; 1023				
30.2; 19.8; 16.1; 38 %				

m	t°C	Cl‰	Sal‰	σt
30	14.45	21.21	38.31	28.66
37	14.38	21.28	38.44	28.78
0; 13 m; 2; 0; 0; 1017				
24.6; 24.1; 29.7; 96 %				

17. 9.1965. 1632-1717 38 m

m	t°C	Cl‰	Sal‰	σt
0	21.55	20.49	37.01	25.89
5	21.32	19.42	35.08	24.49
10	21.32	20.67	37.34	26.21
20	20.07	21.03	37.99	27.04
30	18.90	21.07	38.06	27.42
37	18.62	21.10	38.12	27.63
0; 17 m; 2; 0; 0; 1028				
24.6; 18.6; 17.5; 56 %				

15.10.1965. 1430-1535 38 m

m	t°C	Cl‰	Sal‰	σt
0	19.68	20.51	37.05	26.43
5	19.70	20.71	37.41	26.70
10	19.64	20.75	37.48	26.77
20	20.18	21.10	38.12	27.11
30	19.60	21.13	38.17	27.30
37	18.88	21.15	38.21	27.53
0; 12 m; 2; 0; SW 1 m/sec; 1032				
20.1; 19.0; 21.2; 91 %				

19. 1.1966. 1428-1510 38 m

m	t°C	Cl‰	Sal‰	σt
0	12.00	20.45	36.94	28.11
5	11.58	20.48	37.00	28.25
10	11.93	20.52	37.07	28.22
20	12.00	20.61	37.23	28.34
30	12.20	20.78	37.54	28.54
37	12.36	20.78	37.54	28.51
2; -; 1; 10/10 As; NE 3 m/sec; 1012				
9.4; 6.6; 7.9; 67 %				

24. 2.1966. 1252-1340 38 m

m	t°C	Cl‰	Sal‰	σt
0	12.10	18.99	34.31	26.02
5	12.07	19.19	34.67	26.37
10	12.42	20.36	36.78	27.91
20	12.39	20.50	37.03	28.11
30	12.42	20.60	37.21	28.24
37	12.44	20.60	37.21	28.24
2; 6.5 m; 7/10 Ac; NE 7 m/sec; 1018				
13.8; 8.4; 7.5; 47 %				

22. 3.1966. 1410-1520 38 m

m	t°C	Cl‰	Sal‰	σt
0	11.05	19.74	35.66	27.31
5	10.89	20.06	36.24	27.77
10	11.46	20.24	36.56	27.92
20	12.24	20.26	36.60	27.81
30	12.39	20.70	37.39	28.39
37	12.81	21.00	37.94	28.71
-; 13 m; 1; 2/10 Ac; -; -;				
11.4; 6.0; 5.7; 43 %				

18. 4.1966. 1240-1325 38 m

m	t°C	Cl‰	Sal‰	σt
0	15.55	19.48	35.19	26.01
5	14.53	19.61	35.43	26.42
10	12.90	20.04	36.20	27.36
20	12.70	20.65	37.30	28.24
30	12.90	20.99	37.92	28.69
37	12.92	20.99	37.92	28.69
2; 8 m; 2; 1/10 Cu; SW 4 m/sec; 1004				
20.8; 15.0; 13.2; 54 %				

16. 5.1966. 1342-1435 38 m

m	t°C	Cl‰	Sal‰	σt
0	19.02	18.30	33.06	23.55
5	16.96	20.07	36.26	26.51

15. 6.1966. 1540-1625 38 m

m	t°C	Cl‰	Sal‰	σt
0	22.78	18.81	33.98	23.25
5	22.18	19.37	34.99	21.17

m	t°C	Cl‰	Sal‰	σt
10	15.86	20.36	36.78	27.16
20	13.73	20.57	37.16	27.93
30	13.68	20.73	37.45	28.16
37	13.65	20.85	37.66	28.34

0; 6 m; 1; 0; 0; 1009
20.2; 17.0; 17.2; 73 %

22. 7.1966. 1240-1330 38 m

0	24.24	19.89	35.93	24.30
5	22.53	20.26	36.60	25.30
10	17.38	20.84	37.65	27.47
20	15.58	20.96	37.86	28.06
30	14.92	21.00	37.94	28.27
37	14.89	21.02	37.97	28.30

3; 14 m; 2; 8/10 Ac, Cu; SW 6 m/sec; 1017
24.0; 18.4; 17.5; 58 %

16. 9.1966. 1301-1348 38 m

0	23.45	20.40	36.85	25.23
5	23.31	20.49	37.01	25.39
10	22.08	20.80	37.57	26.16
20	19.92	21.08	38.08	27.15
30	16.25	21.13	38.17	28.14
37	16.15	21.23	38.35	28.31

3; -; 1; 6/10 Cu; SE 9 m/sec; -
24.8; 21.2; 22.8; 73 %

16.11.1966. 1250-1355 38 m

0	16.44	18.79	33.95	24.86
5	16.63	18.89	34.13	24.99
10	19.23	20.27	36.62	26.22
20	20.02	20.90	37.75	26.86
30	20.17	20.98	37.90	26.94
37	20.21	21.04	38.01	27.01

3; 12 m; 2; 9/10 Ac, Cu; SE 8 m/sec; 1006
15.1; 11.1; 10.4; 61 %

m	t°C	Cl‰	Sal‰	σt
10	22.03	19.47	35.17	24.25
20	17.15	20.66	37.32	27.28
30	15.21	20.83	37.63	27.96
37	14.74	20.91	37.77	28.18

2; -; 2; 4/10 Cs, Ac; SE 3 m/sec; 1011
24.9; 20.2; 20.5; 64 %

15. 8.1966. 1145-1230 38 m

0	25.85	20.22	36.53	24.25
5	24.31	20.47	36.98	25.08
10	21.52	20.85	37.66	26.39
20	18.19	20.93	37.81	27.39
30	15.90	21.08	38.08	28.15
37	15.60	21.09	38.10	28.24

0; 13 m; 1; 0; SW 2 m/sec; 1019
30.0; 22.6; 22.4; 53 %

19.10.1966. 1222-1311 38 m

0	20.88	19.86	35.88	25.20
5	20.94	20.25	36.58	25.72
10	21.21	20.40	36.85	25.86
20	21.42	20.51	37.05	25.95
30	21.43	21.03	37.99	26.94
37	21.43	21.04	38.01	26.96

0; 11 m; 2; 2/10 Cu; 0; 1013
21.6; 18.6; 19.5; 75 %

15.12.1966. 1320-1420 38 m

0	13.05	18.06	32.63	24.57
5	14.10	18.54	33.49	25.02
10	15.98	19.74	35.66	26.28
20	17.30	20.52	37.07	27.05
30	17.60	20.94	37.83	27.55
37	17.52	21.03	37.99	27.70

2; 5 m; 2; 0; NNW 7 m/sec; 1012
10.6; 4.8; 4.7; 37 %

m	t°C	Cl‰	Sal‰	σt
18. 1.1967. 1300–1350 38 m				
0	9.74	19.76	35.70	27.56
5	11.30	20.20	36.49	27.90
10	12.61	20.59	37.19	28.20
20	13.81	20.94	37.83	28.42
30	13.80	21.00	37.94	28.52
37	14.83	21.00	37.94	28.29
0; 9 m; 2; 0; 0; 1023				
8.6; 2.8; 3.6; 32 ‰				
22. 3.1967. 1220–1325 38 m				
0	11.22	20.52	37.07	28.36
5	11.17	20.52	37.07	28.39
10	11.25	20.56	37.14	28.42
20	11.35	20.58	37.18	28.43
30	12.23	20.97	37.88	28.80
37	12.49	21.01	37.94	28.80
2; 10 m; 2; 0; 4 m/sec; 1022				
17.6; 11.1; 8.7; 43 ‰				
18. 5.1967. 1141–1237 38 m				
0	19.13	18.18	32.72	23.27
5	18.21	18.16	32.81	23.56
10	15.98	19.74	35.66	26.27
20	15.02	20.25	36.58	27.20
30	13.79	20.70	37.39	28.19
37	13.70	20.78	37.54	28.23
1; 12 m; 1; 7/10 As, Cu, Ns; SE 5 m/sec; 1009				
21.4; 16.6; 15.7; 62 ‰				
17. 7.1967. 1000–1052 38 m				
0	23.72	18.68	33.75	22.79
5	20.11	20.66	37.32	26.52
10	17.43	20.94	37.83	27.59
20	14.70	21.03	37.99	28.36
30	14.22	21.05	38.03	28.49
37	14.22	21.08	38.08	28.53
0; 11 m; 2; 0; 0; 1016				
28.2; 22.0; 20.5; 54 ‰				

m	t°C	Cl‰	Sal‰	σt
16. 2.1967. 1325–1428 38 m				
0	10.50	19.48	35.19	27.02
5	10.33	20.09	36.29	27.92
10	10.30	20.33	36.73	28.26
20	10.30	20.74	37.47	28.84
30	10.30	20.90	37.75	29.06
37	10.33	20.95	37.84	29.12
1; 12 m; 2; 0; NE 1 m/sec; 1023				
7.9; 3.2; 4.5; 42 ‰				
20. 4.1967. 1230–1345 38 m				
0	14.46	19.74	35.66	26.64
5	13.05	20.14	36.38	27.49
10	12.74	20.72	37.43	28.35
20	12.70	20.81	37.59	28.48
30	12.78	20.98	37.90	28.70
37	12.82	21.00	37.94	28.71
0; 13 m; 2; 0; 0; 1015				
15.4; 7.2; 6.1; 35 ‰				
15. 6.1967. 1145–1250 38 m				
0	19.48	18.72	33.82	24.02
5	19.18	19.48	35.19	25.15
10	18.62	19.77	35.71	25.70
20	15.92	20.36	36.78	27.15
30	14.32	20.98	37.90	28.36
37	14.16	21.09	38.10	28.56
1; 10 m; 1; 0; SE 3 m/sec; 1016				
18.8; 12.9; 10.8; 49 ‰				
22. 8.1967. 1010–1115 38 m				
0	24.62	20.15	36.40	24.54
5	24.10	20.28	36.64	24.88
10	23.16	20.42	36.89	25.33
20	16.64	20.90	37.79	27.72
30	15.33	21.01	37.95	28.19
37	15.29	21.07	38.06	28.29
0; 16 m; 1; 0; 0; 1018				
26.9; 19.6; 18.0; 51 ‰				

m	t°C	Cl‰	Sal‰	σt
15. 9.1967. 1308-1413 38 m				
0	22.00	20.11	36.33	25.26
5	22.12	20.29	36.65	25.46
10	22.08	20.37	36.80	25.58
20	22.05	20.65	37.30	25.97
30	19.90	21.12	38.15	27.21
37	17.60	21.19	38.28	27.90
0; 15 m; 1; 0; 0; 1012				
22.1; 19.0; 19.9; 75 %				
14.11.1967. 1050-1146 38 m				
0	17.94	20.37	36.80	26.68
5	18.48	20.65	37.30	26.94
10	18.78	20.73	37.45	26.97
20	18.98	20.92	37.79	27.18
30	19.01	21.09	38.18	27.40
37	19.03	21.12	38.15	27.44
0; -; 0; 0; 0; 1021				
14.3; 10.3; 9.9; 61 %				
22. 1.1968. 1245-1343 38 m				
0	11.38	20.79	37.56	28.71
5	11.15	20.58	37.18	28.46
10	10.47	20.55	37.12	28.54
20	11.61	20.74	37.47	28.60
30	11.85	20.93	37.81	28.82
37	11.85	20.96	37.86	28.86
0; 9 m; 1; 0; 0; 1021				
13.4; 7.9; 7.1; 46 %				
25. 3.1968. 1347-1425 38 m				
0	13.82	19.59	35.39	26.54
5	11.88	20.04	36.20	27.57
10	11.86	20.53	37.09	28.26
20	11.57	20.88	37.72	28.80
30	11.91	21.07	38.06	29.00
37	11.93	21.10	38.12	29.04
1; 9 m; 1; 0; S 1 m/sec; 1019				
14.8; 13.0; 13.7; 82 %				

m	t°C	Cl‰	Sal‰	σt
18.10.1967. 1050-1147 38 m				
0	20.95	17.59	31.78	22.08
5	22.30	20.71	37.41	25.98
10	22.15	20.95	37.84	26.35
20	21.78	21.01	37.95	26.55
30	21.10	21.04	38.01	26.77
37	20.78	21.07	38.06	26.90
0; 10 m; 1; 0; 0; 1014				
21.6; 18.4; 19.1; 74 %				
18.12.1967. 1315-1610				
0	12.58	20.37	36.80	27.90
5	12.41	20.42	36.89	27.97
10	13.70	20.67	37.34	28.08
20	13.64	20.72	37.43	28.16
30	14.18	20.83	37.63	28.20
37	14.56	20.90	37.75	28.20
0; -; 2; 0; 0; 1020				
10.1; 5.2; 5.5; 45 %				
29. 2.1968. 1020-1137 38 m				
0	10.55	20.15	36.40	28.71
5	10.53	20.16	36.42	28.46
10	10.53	20.25	36.58	28.54
20	11.92	20.95	37.84	28.60
30	12.16	21.13	38.17	28.82
37	12.41	21.07	38.06	28.86
3; -; 2; 1/10 Cc; NE 5 m/sec; 1010				
9.8; 5.0; 5.5; 46 %				
22. 4.1968. 1300-1405 38 m				
0	16.42	19.61	35.43	26.00
5	14.86	20.67	37.34	27.82
10	14.66	20.83	37.68	28.12
20	13.06	20.87	37.70	28.49
30	12.89	20.96	37.86	28.65
37	12.83	21.03	37.99	28.76
2; 9 m; 2; 0; SW 6 m/sec; 1018				
21.1; 13.3; 10.1; 40 %				

m	t°C	Cl‰	Sal‰	σt
23. 5.1968. 1008–1055 38 m				
0	18.26	20.25	36.58	26.44
5	17.83	20.49	37.01	26.87
10	17.35	20.72	37.43	27.30
20	17.08	20.76	37.50	27.43
30	16.38	20.92	37.79	27.81
37	15.41	20.94	37.83	28.07
0; 9 m; 16.8; 0; 0; 1017				
23.2; 17.9; 16.8; 59 %				
24. 7.1968. 0935–1025 38 m				
0	21.37	20.27	36.62	25.63
5	20.90	20.38	36.82	25.92
10	19.89	20.93	37.81	26.95
20	16.27	21.03	37.99	28.00
30	15.22	21.06	38.04	28.28
37	14.88	21.08	38.08	28.39
1; -; 1; 1/10 Ac; SE 4 m/sec; 1016				
22.4; 17.6; 16.9; 63 %				
20. 9.1968. 1244–1323 38 m				
0	21.39	20.06	36.24	25.35
5	21.21	20.25	36.58	25.66
10	21.21	20.65	37.30	26.20
20	19.98	21.06	38.04	26.83
30	17.88	21.26	38.40	27.92
37	17.71	21.31	38.49	28.03
0; 9 m; 2; 1/10 Cu; W 2 m/sec; 1013				
22.0; 16.4; 14.9; 57 %				
21.11.1968. 1205–1310 38 m				
0	14.46	19.18	34.65	25.84
5	15.37	19.82	35.81	26.54
10	16.66	20.43	36.91	27.08
20	15.95	20.66	37.32	27.56
30	16.92	20.84	37.65	27.59
37	16.83	20.97	37.88	27.78
1; 5 m; 2; 0; NE 2 m/sec; 1020				
13.6; 7.9; 6.5; 42 %				

m	t°C	Cl‰	Sal‰	σt
26. 6.1968. 0940–1040 38 m				
0	23.12	19.72	35.62	24.38
5	22.85	19.73	35.64	24.48
10	22.74	19.94	36.02	24.80
20	19.47	20.32	36.71	26.23
30	17.74	20.34	36.74	26.69
37	17.33	20.47	36.98	26.97
0; 12 m; 1; 0; 0; 1020				
24.8; 17.4; 14.9; 48 %				
21. 8.1968. 1035–1120 38 m				
0	22.20	20.43	36.92	25.63
5	21.98	20.44	36.92	25.70
10	21.95	20.87	37.70	26.30
20	17.25	21.25	38.39	28.07
30	16.33	21.26	38.40	28.30
37	15.96	21.31	38.49	28.46
1; 14 m; 2; 0; N 4 m/sec; 1021				
23.6; 15.2; 11.1; 40 %				
28.10.1968. 1127–1228 38 m				
0	17.16	20.35	36.76	26.85
5	17.05	20.70	37.39	27.36
10	18.10	21.25	38.39	27.87
20	17.36	21.28	38.44	28.08
30	16.35	21.32	38.51	28.38
37	16.13	21.37	38.60	28.50
0; 10 m; 1; 0; 0; 1015				
17.3; 12.8; 11.8; 59 %				
17.12.1968. 1437–1331 38 m				
0	12.77	20.54	37.10	28.08
5	13.20	20.55	37.12	28.01
10	14.30	20.81	37.59	28.14
20	15.70	20.83	37.63	27.86
30	15.73	20.84	37.65	27.87
37	15.75	20.84	37.65	27.86
1; 6 m; 1; Cu, St; SE 3 m/sec; 1000				
14.0; 12.1; 12.9; 80 %				

m	t°C	Cl‰	Sal‰	σt
23. 1.1969. 1237-1320 38 m				
0	10.90	19.94	36.02	27.61
5	12.15	20.21	36.51	27.76
10	11.90	20.33	36.73	27.97
20	12.92	20.86	37.68	28.50
30	13.11	20.92	37.79	28.55
37	13.13	21.05	38.03	28.73
0; 9 m; 1; 6/10 As; 0; 1021				
8.4; 5.3; 6.8; 62 %				
25. 3.1969. 1105-1219 38 m				
0	11.54	18.61	33.62	25.63
5	11.82	19.18	34.65	26.38
10	12.03	19.53	35.28	26.84
20	12.30	19.93	36.00	27.34
30	12.58	20.49	37.01	28.06
37	12.63	20.58	37.18	28.18
1; 5 m; 1; 10/10 Ns; SE 2 m/sec; 1007				
13.6; 10.1; 10.0; 64 %				
23. 5.1969. 1230-1345 38 m				
0	20.39	17.79	32.14	22.50
5	17.44	19.38	35.01	25.43
10	16.82	19.67	35.53	25.98
20	16.06	20.66	37.32	27.53
30	15.30	20.75	37.48	27.83
37	15.20	20.83	37.63	27.97
2; 12 m; 2; 0; SW 5 m/sec; 1010				
21.8; 16.2; 14.7; 56 %				
24. 7.1969. 1225-1322 38 m				
0	22.55	20.33	36.73	25.39
5	22.26	20.34	36.74	25.47
10	18.29	20.71	37.41	27.06
20	14.93	21.08	38.08	28.38
30	14.22	21.15	38.21	28.64
37	14.20	21.17	38.24	28.66
0; 8 m; 1; 0; 0; 1008				
27.2; 19.5; 17.7; 49 %				

m	t°C	Cl‰	Sal‰	σt
26. 2.1969. 1214-1257 38 m				
0	11.06	16.34	29.52	22.53
5	11.32	19.15	34.60	26.43
10	11.44	19.43	35.10	26.80
20	12.23	20.76	37.50	28.50
30	12.51	21.08	38.08	28.90
37	12.51	21.10	38.12	28.93
1; 5 m; 1; 8/10 Ac; SE 1 m/sec; 1007				
12.4; 8.0; 7.7; 54 %				
28. 4.1969. 1125-1240 38 m				
0	17.38	15.17	27.41	19.64
5	13.74	19.81	35.79	26.88
10	13.35	20.30	36.67	27.63
20	13.40	20.77	37.52	28.28
30	13.40	20.92	37.79	28.49
37	13.42	20.97	37.88	28.55
0; 7 m; 2; 0; 0; 1018				
21.8; 17.3; 16.7; 64 %				
26. 6.1969. 1236-1326 38 m				
0	21.90	19.48	35.19	24.40
5	21.83	19.48	35.19	24.42
10	21.70	19.54	35.30	24.54
20	17.78	20.53	37.09	27.32
30	14.87	20.95	37.84	28.20
37	14.60	21.09	38.10	28.56
2; 12 m; 2; 10/10 Cu, St; NE 3 m/sec; 1009				
22.4; 17.2; 16.1; 60 %				
29. 8.1969. 1130-1200 38 m				
0	22.34	20.33	36.73	25.44
5	22.12	20.33	36.73	25.53
10	21.84	20.39	36.83	25.67
20	21.08	20.65	37.30	26.24
30	15.70	20.62	37.25	27.56
37	15.45	21.14	38.19	28.35
0; 16 m; 2; 3/10 Cu; SE 1 m/sec; 1012				
22.4; 16.2; 14.3; 53 %				

m	t°C	Cl‰	Sal‰	σt
25. 9.1969. 1150–1248 38 m				
0	21.54	18.88	34.11	23.69
5	21.92	18.89	34.13	23.59
10	21.95	20.37	36.80	25.62
20	22.51	21.04	38.01	26.36
30	21.99	20.99	37.92	26.53
37	22.00	21.06	38.04	26.54
0; 7 m; 1; 0; 0; 1020				
25.6; 19.6; 18.8; 57 %				
22.10.1969. 1225–1334 38 m				
0	19.96	19.61	35.43	25.12
5	20.00	20.29	36.65	25.66
10	21.22	20.78	37.57	26.40
20	21.59	20.99	37.92	26.56
30	21.32	21.21	38.31	26.94
37	21.32	21.24	38.37	26.99
0; 10 m; 1; 0; 0; 1020				
19.2; 14.0; 12.5; 56 %				
25.11.1969. 1110–1206 38 m				
0	17.35	20.57	37.16	27.10
5	17.40	20.61	37.23	27.15
10	17.41	20.62	37.25	27.16
20	17.48	20.63	37.27	27.16
30	18.51	20.93	37.81	27.31
37	18.58	20.99	37.92	27.36
2; 6 m; 2; 10/10 Cu, St; SE 4 m/sec; 1005				
19.1; 16.0; 16.1; 73 %				
24.12.1969. 1225–1317 38 m				
0	10.91	20.60	37.21	28.53
5	14.90	20.62	37.25	27.75
10	14.75	20.65	37.30	27.82
20	15.03	20.51	37.05	27.56
30	15.19	20.90	37.75	28.06
37	15.21	20.87	37.65	27.98
1; 6 m; 2; 0; NE 2 m/sec; 1014				
11.4; 6.8; 6.5; 49 %				
17. 1.1970. 1120–1226 38 m				
0	12.08	15.69	28.35	21.26
5	12.89	18.25	32.97	24.86
10	13.18	18.60	33.60	25.29
20	14.30	20.30	36.67	27.43
30	14.50	20.52	37.07	27.70
37	14.52	20.37	36.80	27.48
2; 4 m; 2; -; NE 6 m/sec; 1004				
12.9; 9.4; 9.3; 63 %				
24. 2.1970. 1035–1132 38 m				
0	10.30	19.41	35.07	26.97
5	10.94	19.58	35.37	27.08
10	11.50	19.80	35.77	27.30
20	12.72	20.38	36.82	27.85
30	13.09	20.38	36.82	27.80
37	13.27	20.38	36.82	27.76
1; 10 m; 2; 0; NE 2 m/sec; 1008				
11.6; 6.2; 5.9; 43 %				
30. 3.1970. 1128–1223 38 m				
0	12.29	19.23	34.74	26.35
5	12.20	19.53	35.28	26.80
10	12.33	19.69	35.57	27.00
20	12.33	19.98	36.09	27.40
30	12.34	19.83	35.82	27.20
37	12.34	20.23	36.55	27.75
1; 7 m; 1; 0; SW 2 m/sec; 1022				
12.0; 10.0; 10.9; 78 %				
29. 4.1970. 1156–1240 38 m				
0	15.35	16.80	30.35	22.34
5	15.22	17.37	31.38	23.15
10	14.65	17.95	32.43	24.09
20	13.14	19.50	35.23	26.58
30	13.16	19.57	35.35	26.66
37	13.17	20.01	36.15	27.28
1; 8 m; 1; 6/10 Cu; SW 3 m/sec; 1017				
14.2; 10.6; 10.1; 62 %				

m	t°C	Cl‰	Sal‰	σt
25. 5.1970. 1126-1223 38 m				
0	16.59	18.20	32.88	24.00
5	15.66	19.67	35.53	26.25
10	14.97	19.89	35.93	26.71
20	14.58	20.01	36.15	26.97
30	13.98	19.88	35.91	26.92
37	13.96	20.40	36.85	27.64
1; 14 m; 2; 0; SW 2 m/sec; 1022				
20.2; 12.4; 9.2; 39 %				
24. 7.1970. 1140-1239 38 m				
0	23.60	20.07	36.26	24.72
5	20.88	20.37	36.80	25.91
10	20.01	20.36	36.78	26.13
20	15.21	20.60	37.21	27.54
30	14.47	20.65	37.30	27.88
37	14.35	20.75	37.48	28.04
0; 18 m; 1; 0; 0; 1018				
28.2; 23.2; 25.1; 65 %				
23. 9.1970. 1215-1255 38 m				
0	20.70	20.62	37.25	26.30
5	20.57	20.65	37.30	26.38
10	20.45	20.73	37.45	26.53
20	19.06	20.94	37.83	27.18
30	15.95	21.01	37.95	28.05
37	15.80	21.14	38.19	28.27
0; 15 m; 1; 0; NW 1 m/sec; 1022				
20.4; 11.8; 8.1; 34 %				
24.11.1970. 1440-1520 38 m				
0	15.26	20.22	36.53	27.11
5	15.04	20.37	36.80	27.37
10	15.37	20.53	37.09	27.52
20	16.89	21.02	37.97	27.84
30	17.45	21.17	38.24	27.90
37	17.77	21.41	38.68	28.16
0; 5 m; 2; 0; 0; 1018				
16.8; 12.6; 11.7; 62 %				

m	t°C	Cl‰	Sal‰	σt
23. 6.1970. 1203-1331 38 m				
0	23.65	18.86	34.07	23.06
5	21.56	19.38	35.01	24.37
10	18.34	20.41	36.87	26.55
20	15.39	20.93	37.81	28.07
30	14.32	21.02	37.97	28.43
37	14.28	21.08	38.08	28.53
0; 12 m; 2; 0; 0; 1020				
28.3; 20.6; 19.1; 49 %				
29. 8.1970. 1120-1210 38 m				
0	22.56	20.22	36.53	25.24
5	22.58	20.30	36.67	25.34
10	20.42	20.61	37.23	26.37
20	18.33	20.76	37.50	27.12
30	16.73	20.84	37.65	27.63
37	15.72	20.88	37.72	27.92
0; 11 m; 10/10 Ac, As; SE 1 m/sec; 1018				
23.1; 18.0; 17.3; 63 %				
23.10.1970. 1118-1208 38 m				
0	17.77	20.81	37.59	27.32
5	17.79	20.82	37.61	27.34
10	17.80	20.75	37.48	27.24
20	17.86	20.74	37.47	27.23
30	18.79	21.07	38.06	27.43
37	18.81	20.99	37.92	27.33
2; 12 m; 2; 3/10 Ac; NE 5 m/sec; 1014				
14.7; 9.6; 8.5; 50 %				
24.12.1970. 1414-1455 38 m				
0	13.54	20.80	37.57	28.28
5	13.52	21.00	37.94	28.58
10	13.52	21.05	38.03	28.75
20	13.25	20.88	37.72	28.46
30	13.20	20.90	37.75	28.50
37	13.27	21.03	37.99	28.67
1; 5.5 m; 1; 10/10 As; NE 1 m/sec; 1009				
6.7; 4.1; 6.3; 64 %				

25 a (121) KAŠTELANSKI ZALIV
43°30' N 16°21' E

15. 1.1965. 1413-1517 28.5 m

m	t°C	Cl‰	Sal‰	σt
0	13.63	19.07	34.45	25.85
5	12.72	19.41	35.07	26.53
10	(13.30)	19.60	35.41	(26.67)
20	14.61	20.29	36.65	27.34
27.5	14.55	20.20	36.49	27.24

2-3; -; -; -; SE 2 m/sec; -;

15. 3.1965. 1050-1146 28.5 m

m	t°C	Cl‰	Sal‰	σt
0	11.14	19.20	34.69	26.52
5	11.19	19.26	34.79	26.60
10	11.14	20.23	36.55	27.98
20	11.34	20.58	37.18	28.43
27.5	11.34	20.67	37.34	28.55

15.0; 9.1; 7.6; 45 ‰

15. 5.1965. 1230-1316 29 m

m	t°C	Cl‰	Sal‰	σt
0	15.55	19.05	34.42	26.45
5	14.02	20.66	37.32	27.99
10	14.42	20.75	37.48	28.02
20	13.24	20.83	37.63	28.40
28	13.18	20.83	37.63	28.41

0; 16 m; 2; 10 Cs; SW 1 m/sec; 1022
20.2; 14.8; 13.2; 55 ‰

15. 7.1965. 1423-1500 29 m

m	t°C	Cl‰	Sal‰	σt
0	24.06	19.90	35.95	24.36
5	22.18	20.14	36.38	25.23
10	20.36	20.47	36.98	26.19
20	18.16	20.82	37.61	27.25
30	18.08	20.87	37.70	27.34

0; 20 m; 2; 0; 0; 1023
27.8; 21.6; 21.7; 58 ‰

22. 2.1965. 1104-1155 29 m

m	t°C	Cl‰	Sal‰	σt
0	9.32	20.26	36.60	28.34
5	9.50	20.26	36.60	28.31
10	9.50	20.33	36.73	28.41
20	9.50	20.37	36.80	28.46
28	9.58	20.37	36.80	28.45

0; -; -; -; 0; -;

15. 4.1965. 1240-1320 29 m

m	t°C	Cl‰	Sal‰	σt
0	13.30	18.22	32.92	24.74
5	12.90	18.76	33.89	25.57
10	12.80	19.21	34.70	26.22
20	12.50	20.26	36.60	27.75
28	12.50	20.32	36.71	27.83

16.3; 10.2; 8.3; 46 ‰

16. 6.1965. 1250-1329 29 m

m	t°C	Cl‰	Sal‰	σt
0	21.35	17.68	31.94	22.09
5	17.96	20.15	36.40	26.37
10	17.00	20.58	37.18	27.21
20	15.88	20.76	37.50	27.72
28	15.88	20.76	37.50	27.72

0-1; 11 m; 2; 0; SW 1-2 m/sec; 1021,5
26.4; 18.4; 15.9; 46 ‰

14. 8.1965. 1445-1527 29 m

m	t°C	Cl‰	Sal‰	σt
0	23.39	20.65	37.30	25.57
5	22.80	20.62	37.25	25.71
10	21.06	20.88	37.72	26.56
20	15.01	21.16	38.22	28.47
28	15.94	21.20	38.30	28.32

0; 13 m; 2; 0; SW 2 m/sec; 1017
24.9; 20.2; 20.6; 65 ‰

m	t°C	Cl‰	Sal‰	σt
15. 9.1965. 1517-1554 29 m				
0	21.92	19.15	34.60	23.96
5	21.35	20.40	36.85	25.83
10	21.34	20.95	37.84	26.58
20	21.10	20.98	37.90	26.69
28	21.10	21.02	37.97	26.75
0; 15 m; 2; 0; 0; 1028				
25.1; 19.6; 19.1; 61 %				
19. 1.1966. 1328-1410 29 m				
0	11.45	19.58	35.37	27.01
5	11.38	20.44	36.92	28.22
10	11.40	20.44	36.92	28.22
20	11.80	20.51	37.05	28.24
28	11.80	20.51	37.05	28.24
1; 11 m; 1; 10/10 As; NE 6 m/sec; 1012				
8.8; 6.1; 7.7; 68 %				
22. 3.1966. 1150-1230 29 m				
0	10.80	19.85	35.86	27.50
5	10.84	20.01	36.15	27.71
10	11.80	20.35	36.76	28.02
20	12.18	20.55	37.12	28.22
28	12.17	20.56	37.14	28.24
-; 14 m; 1; 2/10 Ac; -; -;				
11.8; 5.8; 5.2; 38 %				
16. 5.1966. 1223-1305 29 m				
0	15.31	19.35	34.96	25.90
5	14.81	19.71	35.61	26.51
10	14.61	20.51	37.05	27.65
20	14.20	20.70	37.39	28.01
28	14.10	20.79	37.56	28.16
0; 6 m; 1; 0; 0; 1009				
19.9; 17.0; 17.3; 74 %				

m	t°C	Cl‰	Sal‰	σt
15.10.1965. 1255-1345 29 m				
0	20.30	20.67	37.34	26.49
5	19.62	20.76	37.50	26.80
10	19.61	20.77	37.52	26.81
20	19.73	20.80	37.57	26.81
28	19.78	20.81	37.59	26.82
0; 11 m; 2; 0; SE 2 m/sec; 1032				
20.1; 12.8; 9.9; 43 %				
24. 2.1966. 1158-1235 29 m				
0	12.47	19.19	34.67	26.26
5	12.32	19.34	34.94	26.50
10	12.39	20.17	36.44	27.65
20	12.43	20.46	36.96	28.04
28	12.49	20.51	37.05	28.10
1; 7 m; 2; 7/10 Ac; NE 2 m/sec; 1018				
13.8; 8.4; 7.5; 47 %				
18. 4.1966. 1145-1220 29 m				
0	15.60	19.39	35.03	25.88
5	14.52	19.61	35.43	26.20
10	13.95	19.96	36.06	27.04
20	13.14	20.42	36.89	27.84
28	13.08	20.49	37.01	27.95
0; 7 m; 2; 1/10 Cu; 0; 1004				
16.6; 13.2; 12.9; 68 %				
15. 6.1966. 1443-1520 29 m				
0	23.64	18.60	33.60	22.71
5	22.28	19.23	34.74	23.97
10	22.13	19.51	35.25	24.39
20	18.47	20.40	36.85	26.59
28	17.92	20.53	37.09	26.92
2; -; 2; 4/10 Cs, Ac; SE 3 m/sec; 1011				
24.6; 20.8; 21.3; 65 %				

m	t°C	Cl‰	Sal‰	σt
22. 7.1966. 1055-1130 29 m				
0	24.07	19.85	35.86	24.28
5	23.10	20.22	36.53	25.09
10	18.98	20.76	37.50	26.97
20	15.86	20.96	37.86	27.99
28	15.80	21.01	37.95	28.08
2; 12 m; 2; 7/10 Ac, Cu; SW 4 m/sec; 1017				
25.6; 19.8; 19.2; 59 %				
16. 9.1966. 1215-1240 28.5 m				
0	23.56	20.31	36.69	25.05
5	23.46	20.38	36.82	25.21
10	22.27	20.77	37.52	26.07
20	20.16	20.99	37.92	26.96
27.5	20.04	21.01	37.95	27.02
3; -; 1; 6/10 Cu; SE 8 m/sec; -;				
26.4; 21.9; 23.5; 68 %				
16.11.1966. 1135-1240 29 m				
0	19.11	19.29	34.85	24.88
5	18.80	19.82	35.81	25.72
10	19.82	20.41	36.87	26.25
20	20.05	20.83	37.63	26.77
28	20.02	20.90	37.75	26.87
2; 12 m; 2; 9/10 Ac, Cu; SE 4 m/sec; 1010				
13.7; 9.1; 8.3; 52 %				
18. 1.1967. 1155-1246 29 m				
0	12.22	19.80	35.77	27.17
5	11.39	20.28	36.64	28.00
10	12.49	20.42	36.89	27.97
20	13.62	20.82	37.61	28.31
28	13.58	20.58	37.18	27.98
0; 10 m; 2; 0; 0; 1021				
7.0; 2.6; 4.4; 44 %				
15. 8.1966. 1055-1130 29 m				
0	26.05	20.28	36.64	24.28
5	25.00	20.29	36.65	24.61
10	21.68	20.77	37.52	26.23
20	19.20	20.96	37.86	27.18
28	19.08	20.98	37.90	27.24
0; 16 m; 1; 0; SE 1 m/sec; 1019				
26.4; 23.5; 26.8; 78 %				
19.10.1966. 1115-1150 29 m				
0	20.63	19.68	35.55	25.04
5	20.94	20.16	36.42	25.60
10	21.18	20.45	36.94	25.84
20	20.87	20.54	37.10	26.16
28	20.08	20.56	37.14	26.38
0; 10 m; -; 2/10 Cc; 0; 1013				
21.4; 18.5; 19.2; 75 %				
15.12.1966. 1210-1248 29 m				
0	16.94	19.18	34.65	25.29
5	16.62	19.36	34.97	25.61
10	16.90	20.12	36.35	26.59
20	17.43	20.58	37.18	27.10
28	17.40	20.61	37.23	27.15
2; 5 m; 2; 0; NNE 6 m/sec; 1012				
10.6; 5.4; 5.5; 43 %				
16. 2.1967. 1230-1322 29 m				
0	10.42	19.47	35.17	27.03
5	10.15	20.06	36.24	27.91
10	10.15	20.31	36.69	28.26
20	10.15	20.69	37.38	28.80
28	10.13	20.91	37.77	29.10
1; 10 m; 2; 0; NE 2 m/sec; 1023				
8.8; 3.8; 4.7; 41 %				

m	t°C	Cl‰	Sal‰	σt
22. 3.1967. 1118–1204 29 m				
0	11.67	20.44	36.92	28.16
5	11.15	20.45	36.94	28.29
10	11.20	20.53	37.09	28.32
20	11.41	20.54	37.10	28.36
28	11.42	20.62	37.25	28.47
1; 10 m; 2; 0; NW 3 m/sec; 1022				
14.8; 10.4; 9.7; 58 %				
18. 5.1967. 1038–1125 29 m				
0	18.58	18.10	32.70	23.39
5	18.19	18.15	32.79	23.56
10	16.01	19.63	35.46	26.11
20	15.21	19.94	36.02	26.73
28	15.21	20.15	36.40	27.02
0; 14 m; 1; 5/10 Ac, Cu, St; 0; 1009				
21.6; 16.9; 15.8; 60 %				
17. 7.1967. 0900–0948 29 m				
0	23.83	19.79	35.59	24.15
5	19.50	20.72	37.43	26.77
10	17.26	20.82	37.61	27.48
20	14.92	20.97	37.88	28.30
28	14.85	21.02	37.97	28.31
0; 11 m; 2; 0; 0; 1016				
28.4; 22.1; 20.2; 52 %				
15. 9.1967. 1149–1244 29 m				
0	21.94	20.10	36.31	25.26
5	22.17	20.25	36.58	25.39
10	22.14	20.47	36.98	25.70
20	22.00	20.58	37.18	25.89
28	22.00	20.59	37.19	25.90
0; 15 m; 1; 0; 0; 1012				
21.0; 17.4; 17.5; 70 %				
20. 4.1967. 1055–1150 29 m				
0	14.08	19.74	35.66	26.72
5	13.22	19.84	35.84	27.06
10	12.90	20.44	36.92	27.92
20	12.73	20.82	37.61	28.50
28	12.71	20.94	37.83	28.66
0; 9.5 m; 2; 0; 0; 1015				
17.2; 8.8; 5.7; 29 %				
16. 6.1967. 1103–1143 29 m				
0	18.91	18.77	33.91	24.23
5	18.92	19.39	35.03	25.10
10	18.08	20.09	36.29	26.25
20	16.02	20.40	36.85	26.86
28	16.02	20.77	37.52	27.69
1; 10 m; 1; 0; SE 4 m/sec; 1016				
18.2; 12.6; 10.8; 52 %				
22. 8.1967. 0915–1005 29 m				
0	24.55	20.14	36.38	24.55
5	24.25	20.23	36.55	24.68
10	23.55	20.76	37.50	25.69
20	17.64	20.84	37.65	27.40
28	17.52	21.02	37.97	27.69
0; 16 m; 1; 0; 0; 1018				
21.6; 20.0; 19.2; 57 %				
18.10.1967. 1000–1048 29 m				
0	21.42	17.37	31.38	21.98
5	22.55	20.73	37.45	25.93
10	22.00	20.92	37.79	26.38
20	21.85	20.95	37.84	26.42
28	21.82	21.01	37.95	26.53
0; 9 m; 1; 0; 0; 1014				
20.8; 18.6; 20.0; 81 %				

m	t°C	Cl‰	Sal‰	σt
14.11.1967. 0945-1050 29 m				
0	17.94	18.68	33.75	24.35
5	18.03	20.58	37.18	26.95
10	18.82	20.71	37.41	26.94
20	18.91	20.84	37.65	27.09
28	18.94	20.90	37.75	27.15
0; -; 0; 0; 0; 1021				
15.3; 12.0; 11.8; 68 %				
22. 1.1968. 1130-1236 29 m				
0	10.70	19.88	35.91	27.56
5	10.28	20.38	36.32	27.96
10	10.35	20.38	36.32	27.94
20	11.40	20.78	37.54	28.70
28	11.50	20.68	37.36	28.53
0; 9 m; 1; 0; 0; 1022				
8.6; 5.1; 6.3; 57 %				
25. 3.1968. 1140-1233 29 m				
0	12.84	19.43	35.10	26.52
5	12.02	20.08	36.27	27.60
10	11.65	20.41	36.87	28.13
20	11.68	20.83	37.63	28.71
28	11.70	20.90	37.75	28.80
0; 9 m; 1; 0; 0; 1019				
17.9; 13.8; 12.9; 63 %				
23. 5.1968. 0910-1003 29 m				
0	18.50	20.29	36.65	26.43
5	17.67	20.46	36.96	26.87
10	17.24	20.67	37.34	27.27
20	17.02	20.83	37.63	27.54
28	17.01	20.84	37.65	27.55
0; 8 m; 1; 0; 0; 1017				
21.8; 18.2; 18.5; 71 %				

m	t°C	Cl‰	Sal‰	σt
18.12.1967. 1200-1256 29 m				
0	13.36	19.55	35.32	26.59
5	12.72	20.47	36.98	28.00
10	13.10	20.65	37.30	28.16
20	13.46	20.67	37.34	28.12
28	13.54	20.70	37.39	28.14
1; -; 2; 0; NW 1 m/sec; 1020				
8.3; 3.8; 5.0; 46 %				
20. 2.1968. 1020-1116 29 m				
0	9.56	20.54	37.10	28.68
5	11.31	20.36	36.78	28.12
10	11.58	20.75	37.48	28.62
20	11.54	20.84	37.65	28.76
28	11.59	20.87	37.70	28.79
0; 8 m; 1; 10/10 Ac, As; SE 3 m/sec; 1018				
7.6; 5.0; 6.9; 67 %				
22. 4.1968. 1155-1251 29 m				
0	17.10	19.61	35.43	25.83
5	15.30	19.97	36.08	26.75
10	13.59	20.77	37.52	28.24
20	13.27	20.91	37.77	28.50
28	13.26	20.92	37.79	28.51
1; 9 m; 2; 0; SW 4 m/sec; 1018				
23.4; 13.4; 8.7; 30 %				
26. 6.1968. 0850-0942 29 m				
0	22.87	19.40	35.05	24.02
5	22.73	19.67	35.53	24.44
10	22.68	19.71	35.61	24.50
20	20.60	20.12	36.35	25.65
28	20.52	20.15	36.40	25.71
0; 11 m; 1; 0; 0; 1020				
25.8; 17.3; 16.1; 43 %				

m	t°C	Cl‰	Sal‰	σt
24. 7.1968. 0846-0917 29 m				
0	21.10	20.76	37.50	26.38
5	20.86	20.84	37.65	26.57
10	20.39	20.95	37.84	26.85
20	17.70	20.97	37.88	27.57
28	17.50	21.02	37.97	27.69
0; 13 m; 0; 0; 0; 1016				
23.2; 16.2; 13.7; 48 %				
20. 9.1968. 1155-1230 29 m				
0	21.09	20.03	36.18	25.38
5	21.12	20.21	36.51	25.63
10	21.20	20.52	37.07	26.03
20	19.87	21.11	38.13	27.19
28	19.77	21.25	38.39	27.42
0; 10 m; 1; 0; W 2 m/sec; 1016				
21.4; 15.2; 13.2; 52 %				
21.11.1968. 1105-1208 29 m				
0	15.84	18.94	34.22	25.19
5	15.45	19.57	35.35	26.16
10	16.13	20.11	36.33	26.76
20	16.78	20.66	37.32	27.36
28	16.76	20.59	37.19	27.27
1; 7 m; 2; 0; NE 2 m/sec; 1020				
13.2; 9.0; 8.7; 57 %				
23. 1.1969. 1103-1145 29 m				
0	11.85	19.31	34.88	26.54
5	11.20	20.11	36.33	27.80
10	11.65	20.27	36.62	27.94
20	12.89	20.65	37.30	28.22
28	12.75	20.77	37.52	28.11
0; 6 m; 1; 9/10 As, Cs; 0; 1022				
7.9; 4.9; 6.4; 61 %				
21. 8.1968. 0944-1023 29 m				
0	22.09	20.45	36.94	25.68
5	22.02	20.46	36.96	25.72
10	21.80	20.46	36.96	25.78
20	17.82	21.26	38.40	27.94
28	17.62	21.34	38.55	28.11
0; 13 m; 2; 0; 0; 1021				
23.8; 15.2; 11.6; 39 %				
28.10.1968. 1030-1120 29 m				
0	17.15	20.63	37.27	27.24
5	17.11	20.64	37.29	27.26
10	17.19	20.70	37.39	27.32
20	17.50	21.30	38.48	28.08
28	17.43	21.32	38.51	28.12
0; 10 m; 1; 0; 0; 1015				
17.9; 12.4; 10.7; 53 %				
17.12.1968. 1135-1232 29 m				
0	13.85	19.13	34.56	25.90
5	13.28	19.20	34.69	26.12
10	14.08	19.64	35.48	26.57
20	14.86	20.34	36.74	27.36
28	14.90	20.54	37.10	27.63
1; 6 m; 1; 10/10 Cu, St; SE 2 m/sec; 1000				
14.8; 12.1; 12.3; 73 %				
26. 2.1969. 1125-1205 29 m				
0	11.88	18.89	34.13	25.95
5	11.30	19.12	34.54	26.40
10	11.78	19.14	34.58	26.33
20	12.12	20.40	36.85	28.02
28	12.23	20.85	37.66	28.63
1; 7 m; 1; 4/10 Ac; SE 1 m/sec; 1007				
12.0; 8.4; 8.4; 59 %				

m	t°C	Cl‰	Sal‰	σt
25. 3.1969. 1012–1114 29 m				
0	12.05	18.80	33.96	25.79
5	12.05	19.43	35.10	26.70
10	12.10	19.52	35.26	26.80
20	12.20	19.58	35.37	26.87
28	12.22	19.59	35.39	26.88
0; 7 m; 0; 10/10 Ns; 0; 1007				
13.4; 10.4; 10.7; 69 %				
23. 5.1969. 1100–1209 29 m				
0	20.58	17.67	31.92	22.28
5	17.25	19.50	35.23	25.64
10	17.50	20.05	36.22	26.34
20	16.14	20.57	37.16	27.39
28	16.14	20.61	37.23	27.44
0; 11 m; 1; 0; 0; 1010				
24.2; 16.4; 13.5; 45 %				
24. 7.1969. 1125–1215 29 m				
0	22.38	20.42	36.89	25.56
5	22.48	20.39	36.83	25.48
10	18.13	20.86	37.68	27.30
20	15.99	21.03	37.99	28.06
28	15.92	21.06	38.04	28.13
0; 6 m; 1; 0; 0; 1008				
29.2; 18.7; 14.6; 37 %				
25. 9.1969. 1100–1150 29 m				
0	21.70	19.35	34.96	24.28
5	21.90	19.59	35.39	24.55
10	22.30	20.29	36.65	25.40
20	22.28	21.04	38.01	26.44
29	22.28	20.95	37.84	26.31
0; 7 m; 1; 0; 0; 1020				
24.8; 19.0; 18.7; 63 %				

m	t°C	Cl‰	Sal‰	σt
28. 4.1969. 0955–1120 29 m				
0	17.31	15.04	27.18	19.48
5	13.52	19.24	34.76	26.12
10	13.48	20.44	36.92	27.80
20	13.50	20.78	37.54	28.27
28	13.51	20.71	37.41	
0; 7 m; 1; 0; 0; 1018				
22.1; 18.0; 17.9; 67 %				
26. 6.1969. 1140–1225 29 m				
0	21.90	19.47	35.17	24.39
5	21.83	19.48	35.19	24.43
10	21.82	19.49	35.21	24.45
20	18.86	20.31	36.69	26.36
28	18.90	20.32	36.71	26.37
2; 11 m; 2; 10/10 Cu, St; NE 3 m/sec; 1009				
21.8; 16.4; 15.1; 58 %				
29. 8.1969. 1045–1120 29 m				
0	22.32	20.28	36.64	25.38
5	22.06	20.34	36.74	25.55
10	27.78	20.30	36.67	25.57
20	21.48	20.75	37.48	26.27
28	21.42	20.76	37.50	26.30
0; 16 m; 2; 6/10 Cu, Ac; SE 1 m/sec; 1012				
21.9; 16.6; 15.4; 59 %				
22.10.1969. 1125–1214 29 m				
0	19.74	19.83	35.82	25.47
5	20.18	20.44	36.92	26.18
10	21.54	20.80	37.57	26.32
20	21.67	21.12	38.15	26.72
28	21.65	21.13	38.17	26.74
0; 10 m; 1; 0; 0; 1018				
20.1; 14.1; 12.1; 52 %				

m	t°C	Cl‰	Sal‰	σt
25.11.1969. 1015-1104 29 m				
0	17.36	20.52	37.07	27.03
5	17.37	20.53	37.09	27.04
10	17.38	20.57	37.16	27.10
20	17.95	20.79	37.56	27.26
28	18.22	20.82	37.61	27.23
1; 6 m; 1; 10/10 Cu, St; SE 2 m/sec; 1005				
19.3; 15.8; 15.6; 69 %				
24.12.1969. 1120-1226 38 m				
0	13.57	19.68	35.55	26.72
5	12.19	20.09	36.29	27.57
10	12.90	20.16	36.42	27.53
20	14.75	20.52	37.07	27.64
29	14.74	20.40	36.85	27.47
1; 6 m; 2; 0; NE 2 m/sec; 1014				
11.6; 7.8; 7.3; 54 %				
17. 1.1970. 1035-1120 29 m				
0	13.60	18.47	33.37	25.02
5	13.37	18.09	32.68	24.54
10	13.23	18.50	33.42	25.14
20	14.21	19.30	34.87	26.05
28	14.16	19.63	35.46	27.63
2; 4 m; 2; -; NE 5 m/sec; 1004				
13.2; 8.2; 7.6; 50 %				
24. 2.1970. 0939-1033 29 m				
0	12.18	19.80	35.77	27.17
5	11.43	20.02	36.17	27.64
10	11.41	19.94	36.02	27.51
20	12.40	20.42	36.69	27.98
28	12.85	20.39	36.83	27.85
1; 9 m; 2; 0; 0; 1008				
11.8; 6.2; 5.7; 41 %				
20. 3.1970. 1030-1128 29 m				
0	12.26	19.43	35.10	26.64
5	12.14	19.63	35.46	26.96
10	12.10	19.97	36.08	27.44
20	12.22	20.13	36.36	27.63
28	12.27	19.88	35.91	27.26
1; 8 m; 1; 0; SW 2 m/sec; 1022				
18.6; 9.2; 9.3; 64 %				
29. 4.1970. 1111-1150 29 m				
0	15.35	16.74	30.25	22.26
5	15.28	17.32	31.29	22.90
10	14.32	17.82	32.20	23.97
20	13.36	19.22	34.72	26.12
28	13.36	20.33	36.73	27.66
1; 8 m; 1; 6/10 Cu; S 3 m/sec; 1017				
13.8; 10.4; 10.4; 66 %				
25. 5.1970. 1050-1146 29 m				
0	16.71	18.23	32.94	24.01
5	15.74	19.63	35.46	26.18
10	15.04	19.89	35.93	26.70
20	14.59	19.94	36.02	26.87
28	14.59	20.40	36.85	27.50
1; 13 m; 2; 0; SE 2 m/sec; 1022				
18.0; 9.8; 6.7; 62 %				
23. 6.1970. 1051-1126 29 m				
0	23.22	18.84	34.04	23.16
5	21.77	19.28	34.83	24.17
10	17.91	20.51	37.05	26.88
20	15.66	20.90	37.75	27.95
28	15.79	20.94	37.83	27.99
0; 11 m; 1; 0; 0; 1020				
25.5; 20.6; 21.1; 65 %				

m	t°C	Cl‰	Sal‰	σt

24. 7.1970. 1030-1112 29 m

0	22.94	20.11	36.33	24.98
5	20.55	20.32	36.71	25.93
10	19.97	20.41	36.87	26.20
20	15.36	20.60	37.21	27.62
28	15.33	21.42	38.69	28.76

0; 18 m; 1; 0; 0; 1018

29.1; 24.4; 27.5; 69 %

29. 8.1970. 1022-1105 29 m

0	22.45	20.08	36.27	25.07
5	22.57	20.26	36.60	25.58
10	20.44	20.53	37.09	26.25
20	18.55	20.70	37.39	26.98
28	18.44	20.95	37.84	27.35

1; 10 m; 0; 10/10 As, Ac; SE 2 m/sec; 1018

23.1; 19.1; 19.3; 64 %

23. 9.1970. 1120-1205 29 m

0	20.76	20.65	37.30	26.32
5	20.72	20.67	37.34	26.37
10	20.64	20.69	37.38	26.43
20	20.21	20.80	37.57	26.68
28	19.92	21.05	38.03	27.12

0; 15 m; 1; 0; 0; 1022

20.8; 13.2; 10.1; 41 %

23.10.1970. 1031-1115 29 m

0	17.51	20.81	37.59	27.39
5	17.72	20.78	37.54	27.30
10	17.81	20.73	37.45	27.21
20	18.47	20.78	37.54	27.12
28	18.54	20.82	37.61	27.15

1; 11 m; 5/10 Cu, As; NE 1 m/sec; 1014

13.8; 9.0; 8.2; 52 %

24.11.1970. 1344-1420 29 m

0	15.87	20.29	36.65	27.06
5	15.47	20.48	37.00	27.42
10	15.51	20.51	37.05	27.45
20	16.19	20.70	37.39	27.56
28	16.34	20.85	37.66	27.72

1; 5 m; 2; 0; NW 2 m/sec; 1018

16.4; 12.2; 11.5; 61 %

24.12.1970. 1320-1400 29 m

0	13.37	20.91	37.77	28.48
5	13.33	20.92	37.79	28.50
10	13.22	20.93	37.81	28.54
20	13.23	21.04	38.01	28.70
28	13.25	20.95	37.84	28.55

1; 4.5 m; 1; 10/10 St, Ac; N 2 m/sec; 1009

5.7; 4.2; 7.3; 80 %

25 d (121) KAŠTELANSKI ZALIV

43°31' N 16°19' E

m	t°C	Cl‰	Sal‰	σt

15. 1.1965. 1130-1242 31 m

0	12.93	19.13	34.56	26.12
5	12.58	19.12	34.54	26.15
10	12.92	19.42	35.08	26.49
20	13.04	18.88	34.11	25.71
30	13.10	19.65	35.50	26.81

2-3; -; -; -; SE 2 m/sec; -;

15. 3.1965. 0935-1031 31 m

0	11.14	19.55	35.32	27.03
5	10.94	19.55	35.32	27.60
10	10.24	20.04	36.20	27.87
20	11.14	20.40	36.85	28.21
30	11.14	20.48	37.00	28.32

0; -; -; -; 0; -;

15. 5.1965. 1025-1102 31 m

0	14.80	19.36	34.97	26.02
5	13.82	20.63	37.27	27.95
10	13.42	20.82	37.61	28.34
20	13.42	20.82	37.61	28.34
30	13.38	20.82	37.61	28.35

0; 11 m; 2; 10 Cm; 0; 1022.5

19.4; 13.4; 11.3; 51 %

15. 7.1965. 1311-1352 31 m

0	23.60	20.03	36.18	24.68
5	21.63	20.22	36.53	25.50
10	19.82	20.57	37.16	26.48
20	18.42	20.77	37.52	27.12
30	17.77	20.87	37.70	27.40

0; 13 m; 2; 0; 0; 1023

28.0; 21.4; 21.1; 56 %

22. 2.1965. 0950-1045 31 m

0	8.75	19.93	36.00	27.96
5	9.20	20.31	36.69	28.43
10	9.35	20.31	36.69	28.40
20	9.34	20.36	36.78	28.48
30	9.34	20.36	36.78	28.48

0; -; -; -; 0; -;

15. 4.1965. 1055-1128 31 m

0	13.05	18.17	32.83	24.74
5	13.05	18.56	33.53	25.26
10	13.00	18.92	34.18	25.78
20	12.95	19.58	35.37	26.71
30	12.95	18.62	33.64	25.56

2-3; -; -; -; -; -;

15.4; 9.9; 8.3; 48 %

16. 6.1965. 1120-1155 31 m

0	21.39	17.86	32.27	22.33
5	17.62	20.19	36.47	26.50
10	16.62	20.37	36.80	27.01
20	16.13	20.62	37.25	27.46
30	17.00	20.65	37.30	27.29

0; 9 m; 2; 0; 0; 1024

24.2; 17.8; 16.1; 53 %

14. 8.1965. 1300-1338 31 m

0	23.36	20.58	37.18	25.49
5	22.84	20.61	37.23	25.69
10	21.56	20.83	37.63	26.36
20	17.90	21.06	38.04	27.65
30	17.72	21.15	38.21	27.82

0; 11 m; 2; 0; 0; 1017

24.2; 19.7; 19.9; 66 %

m	t°C	Cl‰	Sal‰	σt
17. 9.1965. 1350–1429 31 m				
0	22.05	19.41	35.07	24.28
5	21.33	20.62	37.25	26.13
10	21.00	20.73	37.45	26.48
20	20.55	20.86	37.68	26.68
30	20.50	20.97	37.88	26.84
0; 11 m; 2; 0; 0; 1029				
24.4; 17.4; 15.2; 50 %				
19. 1.1966. 1110–1159 31 m				
0	11.38	19.99	36.11	27.59
5	11.00	20.23	36.55	27.99
10	11.30	20.44	36.92	28.24
20	11.58	20.53	37.09	28.31
30	11.70	20.55	37.12	28.31
1; 9 m; 1; 10/10 As; NE 3 m/sec; 1012				
7.6; 3.8; 5.5; 52 %				
22. 3.1966. 1040–1117 35 m				
0	10.83	19.76	35.70	27.37
5	11.41	20.19	36.47	27.88
10	11.88	20.40	36.85	28.08
20	12.08	20.50	37.03	28.18
34	12.09	20.55	37.12	28.24
-; 11 m; 1; 2/10 Ac; -; -				
9.8; 5.4; 6.0; 50 %				
16. 5.1966. 1046–1130 31 m				
0	14.92	19.09	34.49	25.62
5	15.13	19.83	35.82	26.60
10	15.61	20.01	36.15	26.74
20	14.97	20.30	36.67	27.27
30	14.04	20.61	37.23	27.92
0; 4 m; 1; 0; 0; 1010				
20.4; 17.6; 18.3; 76 %				
15.10.1965. 1125–1200 31 m				
0	19.38	20.17	36.44	26.05
5	19.80	20.75	37.48	26.73
10	19.80	20.77	37.52	26.76
20	19.82	20.81	37.59	26.80
30	19.83	20.91	37.77	26.94
0; 9 m; 2; 0; 0; 1032				
19.6; 14.1; 12.4; 55%				
24. 2.1966. 1030–1116 35 m				
0	12.43	19.53	35.28	26.74
5	12.33	19.60	35.41	26.87
10	12.32	20.02	36.17	27.45
20	12.36	20.22	36.53	27.73
30	12.39	20.32	36.71	27.85
0; 9 m; 2; 7/10 Ac; 0; 1018				
11.8; 8.4; 8.8; 63 %				
18. 6.1966. 1043–1119 31 m				
0	14.98	19.23	34.74	26.02
5	14.45	19.67	35.53	26.51
10	14.12	20.33	36.73	27.51
20	13.07	20.51	37.05	27.98
30	12.99	20.59	37.19	28.11
1; 9 m; 2; 1/10 Cu; SW 2 m/sec; 1004				
20.2; 15.0; 16.5; 62 %				
15. 6.1966. 1330–1610 31 m				
0	22.80	18.98	34.29	23.59
5	22.71	19.07	34.45	23.62
10	22.39	19.47	35.17	24.25
20	16.98	20.66	37.32	27.31
30	16.80	20.68	37.36	27.39
2; -; 2; 4/10 Cs, Ac; NE 4 m/sec; 1011				
24.1; 19.9; 20.7; 70 %				

m	t°C	Cl‰	Sal‰	σt
22. 7.1966. 0947–1022 31 m				
0	23.79	20.03	36.18	24.61
5	22.13	20.38	36.82	25.58
10	18.92	20.80	37.57	27.03
20	16.25	20.96	37.86	27.90
30	15.17	20.97	37.88	28.17
2; -; 2; 7/10 Ac, Cu; SW 6 m/sec; 1017				
22.6; 17.4; 16.4; 60 %				
16. 9.1966. 1007–1039 31 m				
0	23.51	20.25	36.58	25.00
5	23.62	20.34	36.74	25.09
10	22.55	20.74	37.47	25.95
20	20.38	20.89	37.74	26.76
30	20.27	20.93	37.81	26.84
2; 13 m; 1; 6/10 Cu; SE 6 m/sec; -;				
25.9; 20.1; 19.4; 58 %				
16.11.1966. 1005–1111 31 m				
0	19.80	19.28	34.83	24.70
5	18.41	19.87	35.90	25.88
10	19.82	20.35	36.76	26.17
20	20.05	20.50	37.03	26.32
30	20.10	20.71	37.41	26.58
1; 8.5 m; 1; 6/10 Ac, Cu; SE 3 m/sec; 1011				
12.8; 8.4; 8.1; 55 %				
18. 1.1967. 1050–1141 31 m				
0	13.11	20.28	36.64	27.66
5	11.19	20.30	36.67	28.08
10	13.38	20.82	37.67	28.37
20	13.71	20.93	37.81	28.43
30	13.80	20.97	37.88	28.46
0; 9 m; 1; 0; 0; 1020				
7.2; 2.9; 4.8; 47 %				

m	t°C	Cl‰	Sal‰	σt
15. 8.1966. 0954–1030 31 m				
0	25.57	20.25	36.58	24.38
5	23.92	20.59	37.19	25.34
10	21.68	20.82	37.61	26.30
20	19.15	20.91	37.77	27.12
30	19.06	20.93	37.81	27.18
0; 12 m; 1; 0; SE 1 m/sec; 1019				
26.4; 23.2; 26.3; 76 %				
19.10.1966. 1010–1050 31 m				
0	20.64	12.77	23.03	15.54
5	21.00	20.11	36.33	25.52
10	21.20	20.40	36.85	25.84
20	20.10	20.53	37.09	26.34
30	19.98	20.57	37.16	26.44
0; 10 m; 2; 2/10 Cc; 0; 1013				
21.1; 18.8; 20.3; 81 %				
15.12.1966. 1050–1145 31 m				
0	15.48	19.35	34.96	25.85
5	16.52	19.36	34.97	25.62
10	16.72	19.49	35.21	25.76
20	16.90	20.29	36.65	26.82
30	16.93	17.80	32.16	23.37
0; 5 m; 2; 0; 0; 1012				
11.0; 4.6; 4.3; 32 %				
16. 2.1967. 1130–1216 31 m				
0	10.12	20.02	36.17	27.86
5	9.65	20.14	36.38	28.10
10	9.85	20.71	37.41	28.88
20	9.73	20.86	37.68	29.11
30	9.70	20.89	37.74	29.16
1; 10 m; 2; 0; NE 2 m/sec; 1023				
7.7; 2.8; 4.2; 40 %				

m	t°C	Cl‰	Sal‰	σt

22. 3.1067. 1000–1055 31 m

0	10.87	17.54	31.69	24.24
5	11.11	20.44	36.92	28.27
10	11.16	20.54	37.10	28.40
20	11.15	20.60	37.21	28.50
30	11.16	20.75	37.48	28.70

1; 10 m; 2; 0; NW 2 m/sec; 1022

13.8; 8.6; 7.7; 49 %

18. 5.1967. 0933–1025 31 m

0	19.19	18.13	32.75	23.28
5	18.26	18.20	32.88	23.61
10	16.18	19.83	35.82	26.35
20	15.45	19.97	36.08	26.72
30	15.45	20.14	36.38	26.95

0; 12 m; 1; 0; 5/10 As, Cu, St; 0; 1009

22.0; 16.1; 14.3; 55 %

17. 7.1967. 0740–0836 31 m

0	22.60	19.91	35.97	24.80
5	18.95	20.67	37.34	26.85
10	17.80	20.79	37.56	27.29
20	15.23	20.94	37.83	28.11
30	15.23	20.97	37.88	28.15

0; 12 m; 2; 0; 0; 1016

25.1; 21.6; 22.2; 70 %

15. 9.1967. 1020–1120 31 m

0	22.06	20.06	36.24	25.17
5	22.23	20.22	36.53	25.34
10	22.38	20.44	36.92	25.58
20	22.34	20.49	37.01	25.67
30	22.34	20.54	37.10	25.73

1; 15 m; 1; 0; SE 3 m/sec; 1013

20.4; 17.6; 18.3; 76 %

20. 4.1967. 0950–1040 31 m

0	14.07	19.71	35.61	26.67
5	13.40	20.09	36.29	27.33
10	12.82	20.61	37.23	28.19
20	12.75	20.64	37.29	28.24
30	12.74	20.82	37.61	28.48

0; 7.5 m; 0; 0; 1017

13.4; 7.2; 6.0; 39 %

15. 6.1967. 1000–1053 31 m

0	19.10	18.82	34.00	24.25
5	18.98	19.44	35.12	25.15
10	18.30	19.85	35.86	25.87
20	16.32	20.35	36.76	27.04
30	16.32	20.63	37.27	27.43

1; 10 m; 1; 0; SE 3 m/sec; 1016

17.8; 12.4; 10.8; 53 %

22. 8.1967. 0805–0950 31 m

0	24.55	20.17	36.44	24.59
5	24.55	20.30	36.67	24.59
10	22.87	20.70	37.39	25.80
20	18.42	20.86	37.68	27.24
30	17.75	21.01	38.06	27.70

1; 12 m; 1; 0; NE 3 m/sec; 1018

25.5; 19.4; 18.4; 56 %

18.10.1967. 0800–0852 31 m

0	20.20	17.35	21.35	21.95
5	22.70	20.61	37.23	25.72
10	22.05	20.90	37.75	26.30
20	21.80	20.93	37.81	26.43
30	21.80	21.02	37.97	26.56

0; 9 m; 1; 0; 0; 1014

19.1; 17.1; 18.2; 82 %

m	t°C	Cl‰	Sal‰	σt
14.11.1967. 0835–0920 31 m				
0	17.78	18.09	32.68	23.57
5	18.38	20.44	36.92	26.68
10	18.42	20.62	37.25	26.90
20	18.46	20.67	37.34	26.96
30	18.51	20.85	37.66	27.19
0; –; –; 0; 0; 1021				
11.1; 9.0; 10.1; 76 %				
22. 1.1968. 0915–1040 31 m				
0	10.42	19.99	36.11	27.76
5	10.30	20.13	36.36	27.98
10	10.29	20.17	36.44	28.04
20	10.90	20.49	37.01	28.38
30	10.78	19.83	35.82	27.48
0; 9 m; 1; 0; 0; 1023				
8.1; 4.1; 5.4; 50 %				
25. 3.1968. 1020–1101 31 m				
0	12.22	19.23	34.74	26.46
5	11.87	18.89	35.93	27.35
10	11.46	20.44	36.92	28.20
20	11.44	20.65	37.30	28.51
30	11.43	20.68	37.36	28.55
0; 7 m; 1; 0; 0; 1019				
14.6; 12.0; 12.3; 74 %				
23. 5.1968. 0815–0900 31 m				
0	18.41	20.28	36.64	26.44
5	17.34	20.72	37.43	27.31
10	17.28	20.83	37.63	27.49
20	17.02	20.99	37.72	27.60
30	16.96	20.99	37.72	27.73
0; 8 m; 1; 0; 0; 1017				
22.4; 15.3; 12.7; 47 %				

m	t°C	Cl‰	Sal‰	σt
18.12.1967. 1003–1050 31 m				
0	12.80	20.22	36.53	27.62
5	12.62	20.48	37.00	28.03
10	12.60	20.51	37.05	28.08
20	12.80	20.57	37.16	28.12
30	12.80	20.47	36.89	27.98
1; –; 2; 0; NW 3 m/sec; 1020				
7.8; 4.0; 5.6; 53.6 %				
20. 2.1968. 0830–0950 31 m				
0	11.50	20.15	36.40	27.80
5	11.40	20.15	36.40	27.81
10	11.20	20.57	37.16	28.44
20	11.58	20.82	37.61	28.72
30	11.60	20.95	37.84	28.90
2; 6 m; 1; 10/10 Ac, As; SE 3 m/sec; 1018				
6.8; 3.8; 6.0; 61 %				
22. 4.1968. 0930–1020 31 m				
0	15.67	19.58	35.37	26.12
5	14.39	20.44	36.92	27.61
10	14.15	20.57	37.16	27.84
20	13.36	20.84	37.65	28.40
30	13.28	20.86	37.68	28.42
0; 7 m; 1; 0; 0; 1018				
20.0; 13.8; 11.6; 50 %				
26. 6.1968. 0750–0840 31 m				
0	22.61	19.31	34.88	24.00
5	23.10	19.51	35.25	24.11
10	22.90	19.69	35.57	24.11
20	19.64	19.93	36.00	25.65
30	19.25	20.14	36.38	26.03
0; 12 m; 1; 0; 0; 1020				
24.6; 18.4; 17.1; 55 %				

m	t°C	Cl‰	Sal‰	σt
24. 7.1968. 0800-0840 31 m				
0	21.10	20.83	37.63	26.48
5	20.83	20.87	37.70	26.61
10	20.40	20.96	37.86	26.84
20	19.15	20.97	37.88	27.19
30	19.12	20.99	37.92	27.23
0; 12 m; 0; 0; 0; 1016				
21.4; 16.0; 14.5; 57 %				
20. 9.1968. 1040-1114 31 m				
0	21.08	20.19	36.47	25.61
5	21.38	20.34	36.74	25.73
10	21.10	20.65	37.30	26.24
20	19.08	21.11	38.13	27.41
30	19.00	21.10	38.12	27.43
0; 8 m; 1; 0; 0; 1016				
20.8; 15.4; 13.2; 57 %				
21.11.1968. 1017-1103 31 m				
0	15.98	19.62	35.44	26.11
5	16.02	19.78	35.73	26.33
10	16.29	20.19	36.47	26.83
20	16.42	20.45	36.94	27.16
30	16.57	20.43	36.91	27.10
1; 5 m; 2; 0; NE 2 m/sec; 1020				
11.8; 8.0; 8.1; 59 %				
23. 1.1969. 0935-1018 31 m				
0	12.53	19.97	36.08	27.36
5	11.53	20.08	36.27	27.69
10	12.03	20.34	36.74	27.97
20	12.74	20.60	37.21	28.18
30	12.87	20.81	37.59	28.44
0; 5 m; 1; 9/10 Cs, As; 0; 1023				
6.5; 3.9; 6.2; 66 %				

m	t°C	Cl‰	Sal‰	σt
21. 8.1968. 0841-0921 31 m				
0	22.06	20.23	36.55	25.40
5	22.01	20.24	36.56	25.42
10	21.44	20.76	37.50	26.29
20	18.66	21.15	38.21	27.58
30	18.38	21.22	38.33	27.74
0; 12 m; 2; 0; N 2 m/sec; 1021				
21.2; 14.8; 12.5; 50 %				
28.10.1968. 0850-0941 31 m				
0	17.10	20.30	36.67	26.79
5	17.12	20.36	36.78	26.87
10	17.80	20.91	37.77	27.46
20	17.88	21.11	38.13	27.72
30	17.94	21.23	38.35	27.87
0; 9 m; 1; 0; 0; 1015				
17.2; 12.5; 11.4; 58 %				
17.12.1968. 1030-1127 31 m				
0	14.85	20.63	37.27	27.77
5	13.59	20.64	37.29	28.06
10	14.17	20.68	37.26	28.00
20	15.36	20.73	37.45	27.80
30	15.55	20.64	37.29	27.63
1; 5 m; 1; 10/10 Cu, St; SE 1 m/sec; 1000				
14.0; 12.0; 12.7; 79 %				
26. 2.1969. 1015-1103 31 m				
0	11.11	16.24	29.34	22.39
5	11.40	18.17	32.83	25.03
10	11.86	19.29	34.85	26.51
20	12.06	20.74	37.47	28.52
30	12.14	17.82	32.20	24.41
0; 5 m; 1; 2/10 Ac; 0; 1007				
12.0; 8.4; 8.4; 59 %				

25. 3.1969. 0836-0930 31 m

m	t°C	Cl‰	Sal‰	σt
0	12.10	19.24	34.76	26.41
5	11.98	19.27	34.81	26.46
10	11.92	19.40	35.05	26.68
20	12.12	19.83	35.82	27.24
30	12.19	19.68	35.55	27.02

0; 6 m; 1; 10/10 Ns; 0; 1007

11.2; 10.0; 11.5; 85 %

28. 4.1969. 0835-0941 31 m

m	t°C	Cl‰	Sal‰	σt
0	17.50	18.26	32.99	23.87
5	13.55	19.66	35.52	26.70
10	13.41	20.34	36.74	27.68
20	13.44	20.50	37.03	27.89
30	13.44	20.89	37.74	28.44

0; 6 m; 1; 0; 0; 1018

22.3; 17.8; 17.5; 65 %

23. 5.1969. 0920-1015 31 m

m	t°C	Cl‰	Sal‰	σt
0	19.64	17.54	31.69	22.35
5	17.51	19.42	35.08	25.46
10	16.90	19.65	35.50	25.93
20	16.30	20.23	36.55	26.88
30	16.05	20.42	36.89	27.19

0; 10 m; 1; 0; 0; 1010

22.1; 15.1; 12.6; 47 %

23. 6.1969. 1038-1124 31 m

m	t°C	Cl‰	Sal‰	σt
0	22.23	19.31	34.88	24.08
5	21.86	19.49	35.21	24.43
10	21.82	19.55	35.32	24.52
20	20.90	19.84	35.84	25.18
30	20.90	19.87	35.90	25.23

1; 10 m; 2; 4/10 Cu, St; NE 3 m/sec; 1010

22.8; 15.8; 13.3; 48 %

24. 7.1969. 1020-1110 31 m

m	t°C	Cl‰	Sal‰	σt
0	22.82	20.37	36.80	25.36
5	21.58	20.42	36.89	25.78
10	18.51	20.91	37.77	27.28
20	16.75	20.96	37.86	27.78
30	16.72	21.03	37.99	27.90

0; 8 m; 1; 0; 0; 1008

27.8; 24.9; 29.3; 78 %

29. 8.1969. 0928-1027 31 m

m	t°C	Cl‰	Sal‰	σt
0	22.42	20.14	36.38	25.17
5	22.34	20.29	36.65	25.38
10	22.32	20.26	36.60	25.37
20	21.05	20.70	37.39	26.39
30	20.72	20.70	37.39	26.40

0; 9 m; 2; 5/10 Cs, Cu; 0; 1012

20.2; 15.8; 15.1; 64 %

25. 9.1969. 0945-1042 31 m

m	t°C	Cl‰	Sal‰	σt
0	22.88	19.77	35.71	24.52
5	22.87	19.82	35.81	24.60
10	22.37	20.52	37.07	25.70
20	22.11	20.69	37.38	26.01
30	22.00	20.79	37.56	26.18

0; 5 m; 31 m; 0; 0; 1020

23.9; 18.6; 18.5; 66 %

22.10.1969. 1010-1107 31 m

m	t°C	Cl‰	Sal‰	σt
0	19.91	20.26	36.60	26.02
5	20.20	20.54	37.10	26.32
10	21.30	20.86	37.68	26.46
20	21.85	21.07	38.06	26.60
30	21.86	21.08	38.08	26.61

0; 7 m; 1; 0; 0; 1018

20.0; 13.8; 11.6; 50 %

m	t°C	Cl‰	Sal‰	σt

25.11.1969. 0915-1005 31 m

0	16.85	20.40	36.85	26.99
5	17.45	20.56	37.14	27.08
10	17.82	20.64	37.29	27.09
20	17.92	20.71	37.41	27.16
30	17.92	20.73	37.45	27.19

0; 6 m; 1; 10/10 Cu, St; 0; 1005

18.2; 14.9; -; 71 %

24.12.1969. 0915-1005 31 m

0	14.32	20.11	36.33	27.16
5	12.93	20.35	36.76	27.80
10	13.93	20.42	36.89	27.68
20	14.68	20.74	37.47	27.96
30	14.78	20.86	37.68	28.10

0; 5 m; 1; 0; 0; 1014

10.2; 6.4; 7.1; 51 %

17. 1.1970. 0930-1018 31 m

0	13.06	18.79	33.95	25.58
5	12.94	18.45	33.33	25.12
10	12.96	19.05	34.42	25.96
20	13.11	19.09	34.49	25.98
30	13.21	19.69	35.57	26.83

0; 3 m; 2; -; NE 2 m/sec; 1004

10.8; 7.4; 8.0; 62 %

24. 2.1970. 0810-0905 31 m

0	12.10	19.80	35.77	27.20
5	11.95	20.02	36.17	27.52
10	11.47	19.94	36.02	27.50
20	12.30	20.42	36.89	28.00
30	12.48	20.39	36.83	27.97

0; 8 m; 2; 0; NE 2 m/sec; 1008

9.9; 4.9; 5.3; 44 %

30. 3.1970. 0910-0952 31 m

0	12.12	19.69	35.57	27.05
5	12.10	19.88	35.91	27.30
10	12.06	19.88	35.91	27.30
20	12.15	20.00	36.13	27.46
30	12.17	20.04	36.20	27.50

0; 8 m; 0; 0; SW 1 m/sec; 1022

11.8; 7.8; 7.9; 57 %

29. 4.1970. 1015-1053 31 m

0	15.37	16.58	29.96	22.04
5	15.18	16.98	30.68	22.65
10	14.74	17.99	32.50	24.12
20	13.20	19.14	34.58	26.04
30	13.19	20.21	36.51	27.55

0; 7 m; 1; 5/10 Cu; E 1 m/sec; 1017

12.6; 9.8; 10.3; 70 %

25. 5.1970. 1000-1042 31 m

0	16.52	18.46	33.35	24.38
5	15.75	19.60	35.41	26.14
10	15.54	19.79	35.75	26.45
20	14.74	19.80	35.77	26.74
30	14.62	20.37	36.80	27.46

0; 13 m; 2; 0; 0; 1022

18.0; 10.4; 7.6; 37 %

23. 6.1970. 0940-1030 31 m

0	22.92	18.83	34.02	23.24
5	20.68	19.59	35.39	24.89
10	17.87	20.60	37.21	27.02
20	15.92	20.83	37.63	27.82
30	15.88	20.84	37.65	27.84

0; 11 m; 1; 0; 0; 1020

24.2; 21.2; 23.2; 77 %

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt
24. 7.1970. 0820–1010 31 m					**29. 8.1970. 0916–1000 31 m**				
0	23.03	20.25	36.58	25.14	0	22.53	19.93	36.00	24.85
5	21.11	20.38	36.82	25.86	5	22.74	20.23	36.55	25.20
10	20.13	20.45	36.94	26.22	10	20.77	20.42	36.89	26.00
20	18.07	20.60	37.21	26.96	20	17.81	20.52	37.07	26.92
30	17.92	20.82	37.61	27.31	30	17.94	20.72	37.43	27.17
0; –; –; 0; 0; 1018					1; 10 m; 0; 10/10 Ac, As; E 2 m/sec; 1018				
25.4; 21.8; 23.7; 73 %					23.2; 19.2; 19.6; 64 %				
23. 9.1970. 1020–1055 31 m					**23.10.1970. 0923–1012 31 m**				
0	20.98	20.46	36.96	26.01	0	17.60	20.72	37.43	27.25
5	20.95	20.51	37.05	26.08	5	17.66	20.74	37.47	27.27
10	20.59	20.70	37.39	26.45	10	17.70	20.76	37.50	27.28
20	20.01	20.80	37.57	26.74	20	18.81	20.94	37.83	27.25
30	19.89	20.96	37.86	27.00	30	18.81	21.09	38.10	27.47
1; 10 m; 1; 0; NE 2 m/sec; 1022					2; 7 m; 2; 7/10 Cu, St; NE 4 m/sec; 1014				
19.4; 12.4; 9.7; 43 %					12.0; 9.3; 9.7; 70 %				
24.11.1970. 1103–1140 31 m					**24.12.1970. 1055–1137 31 m**				
0	15.51	19.92	35.99	26.63	0	12.71	20.12	36.35	27.52
5	15.26	20.60	37.21	27.64	5	13.41	20.90	37.75	28.45
10	15.36	20.61	37.23	27.64	10	13.20	20.93	37.81	28.54
20	15.30	20.64	37.29	27.67	20	12.65	20.77	37.52	28.44
30	15.35	20.51	37.05	27.49	30	12.67	20.84	37.65	28.53
1; 5 m; 2; 0; NW 3 m/sec; 1018					0; 5.5 m; 1; 7/10 St, Cu; 0; 1009				
16.1; 11.8; 11.1; 61 %					6.8; 4.8; 7.2; 74 %				

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt

26 (121) KAŠTELANSKI ZALIV

43°32' N 16°25' E

7. 1.1965. 0915

0	12.78	18.28	33.03	24.93
10	15.45	20.36	36.78	27.26
20	16.20	21.00	37.94	27.98

-; 6 m; -; -; -; -;

12. 4.1965. 0830

0	17.45	17.04	30.79	22.80
10	13.90	19.94	36.02	27.02
20	12.45	20.65	37.30	28.30

-; 6 m; -; -; -; -;

7. 6.1965. 0730

0	20.40	18.31	33.08	23.21
10	16.50	20.08	36.27	26.62
20	15.20	20.61	37.23	27.66

-; 9 m; -; -; -; -;

2. 7.1965. 0800

0	24.00	19.66	35.52	24.05
10	18.05	20.67	37.34	27.07
20	15.58	20.73	37.45	27.82

-; 11 m; -; -; -; -;

21. 7.1965. 0810 25 m

0	25.40	19.08	34.47	22.84
10	20.40	20.69	37.38	26.48
20	16.35	20.92	37.79	27.82

-; 10 m; -; -; -; -;

5. 8.1965. 0800

0	24.95	19.66	35.52	23.77
10	22.45	20.58	37.18	25.76
20	17.40	20.93	38.81	27.59

20. 9.1965. 0820

0	20.80	20.52	37.07	26.14
10	20.60	20.92	37.79	26.74
20	19.80	21.05	38.09	27.14

9.10.1965. 0745 26 m

0	21.40	19.90	35.95	25.13
10	20.60	20.94	37.83	26.77
20	20.40	21.05	38.03	26.98

13.11.1965. 0815

0	18.40	20.64	37.29	26.94
10	18.90	21.09	38.10	27.44
20	18.90	21.15	38.21	27.52

28.12.1965. 0815

0	14.20	18.47	33.37	24.90
10	14.98	20.32	36.71	27.31
20	15.62	20.86	36.68	27.92

28. 1.1966. 0845 26 m

0	10.85	20.13	36.36	27.88
10	11.30	20.27	36.62	28.00
20	12.48	20.83	37.63	28.55

4. 3.1966. 0830 25 m

0	12.20	18.72	33.82	25.65
10	12.48	19.80	35.77	27.11
20	12.45	20.21	36.61	27.76

m	t°C	Cl‰	Sal‰	σt

24. 5.1966. 0825-0900 25 m

0	22.35	17.07	30.84	21.99
10	16.60	20.46	36.96	27.14
20	16.60	20.67	37.34	27.42

1; 5 m; 10 km; 1/10; W 1 m/sec; 1007

20.6; 16.4; 15.9; 65 %

2. 8.1966. 0815-0845

0	25.70	19.38	35.01	23.16
10	21.80	20.55	37.12	25.90
20	18.80	20.94	37.83	27.25

1; 8 m; 2; 3/10; E 2 m/sec; 1014

25.4; 19.8; 19.3; 60 %

24.11.1966. 0840-0920

0	15.10	16.26	29.38	21.85
10	16.30	18.94	34.22	25.09
20	18.90	20.04	36.20	25.99

0; 3 m; 1; 10/10; 0; 1010

15.4; -; -; -;

16. 2.1967. 0850-0915 25 m

0	10.40	18.18	32.84	25.22
10	10.85	19.41	35.07	26.87
20	10.85	20.21	36.51	27.99

1; 8 m; 2; 0; NE 5 m/sec; 1024

4.8; 1.8; 4.9; 58 %

3. 5.1967. 0910-0955 23 m

0	13.97	19.51	35.23	26.40
10	13.55	20.05	36.22	27.24
20	12.90	20.69	37.38	28.28

2; 11 m; 1; 8/10; SE 17 m/sec; 1010

15.5; 13.9; 14.6; 83 %

21. 6.1966. 0800-0845 24 m

0	24.15	18.45	33.33	22.36
10	24.60	19.32	34.90	23.41
20	16.60	20.60	37.21	27.31

1; 8 m; -; 5/10; SW 2 m/sec; 1012

1.10.1966. 0815-0845

0	21.60	20.13	36.36	25.38
10	21.40	20.29	36.65	25.66
20	20.90	20.58	37.18	26.20

1; 9 m; 2; 4/10; SE 3 m/sec; 1008

21.0; 17.8; 18.3; 73 %

11. 1.1967. 0845-0915 25 m

0	11.40	19.19	34.67	26.46
10	13.05	20.11	36.33	27.43
20	13.15	20.16	36.42	27.48

2; 6 m; 2; 0; NE 10 m/sec; 1019

1.5; - 0.8; 4.2; 63 %

31. 3.1967. 0900-1000

0		19.43	35.10	
10	12.20	19.93	36.00	27.34
20	12.20	20.19	36.47	27.70

0; -; -; 9/10; 0; 1015

11.2; 9.4; 10.5; 80 %

31. 7.1967. 0810-0845 25 m

0	26.12	19.60	35.41	23.33
10	19.09	20.93	37.81	27.16
20	15.58	21.03	37.99	28.16

0; -; -; 0; 0; 1017

25.8; 21.6; 23.1; 69 %

m	t°C	Cl‰	Sal‰	σt
24.10.1967. 0855-0930 26 m				
0		20.66	37.32	
10	21.20	20.74	37.47	26.34
20	20.80	21.04	38.01	26.86
0; 10 m; 1; 0; 0; 1016				
15.5; 13.9; 14.6; 83 %				
29.12.1967. 1300-1340 26 m				
0	13.03	20.21	36.51	27.58
10	13.13	20.59	37.19	28.08
20	13.05	20.62	37.25	28.14
0; 9 m; 1; 10/10; 0; 1003				
10.4; 7.6; 8.5; 68 %				
31. 3.1968. 0845-1030 29 m				
0	15.05	19.11	34.52	25.61
10	11.98	20.62	37.25	28.36
20	11.69	20.93	37.81	28.85
0; 5 m; 0; 9/10 Ac, As; 0; 1022				
15.0; 12.0; 12.0; 71%				
6. 6.1968. 0905-1000 26 m				
0	22.90	19.88	35.91	24.66
10	18.85	20.72	37.43	26.94
20	17.06	20.91	37.77	27.64
0; 11 m; 1; 5/10 Cu, As; 0; 1017				
30. 9.1968. 1035-1100				
0	21.08	20.54	37.10	26.09
10	20.54	20.98	37.90	26.15
20	19.88	21.11	38.13	27.20
2; 8 m; 1; 10/10 Cu, Ns; 12 m/sec; 1011				
20.6; 17.8; 18.5; 75 %				
22.11.1967. 0840-0920 28 m				
0	17.49	20.92	37.79	27.55
10	17.58	20.93	37.81	27.54
20	18.08	20.95	37.84	27.44
1; 6 m; 2; 0; NE 4 m/sec; 1030				
9.0; 5.8; 7.1; 62 %				
28. 2.1968. 0815-0900 29 m				
0	11.31	20.55	37.12	28.40
10	11.31	20.56	37.14	28.40
20	11.23	20.68	37.36	28.59
2; 8 m; 1; 0; NE 7 m/sec; 1017				
9.3; 7.8; 9.6; 83 %				
3. 5.1968. 0845-0915 28 m				
0	18.89	18.44	33.31	23.78
10	16.45	20.34	36.74	26.99
20	14.30	20.88	37.72	28.24
0; 7 m; 1; 2/10 Cs, As; 0; 1017				
17.2; 13.3; 12.6; 64 %				
30. 7.1968. 1145-1245 25 m				
0	21.21	20.45	36.94	24.05
10	20.23	21.04	38.01	27.01
20	15.41	21.20	38.30	28.44
1; 9 m; 1; 6/10 Ac, As; W 5 m/sec; 1016				
25.6; 18.1; 15.8; 48 %				
25.10.1968. 1150-1227 29 m				
0	18.00	20.36	36.78	26.66
10	17.85	21.21	38.31	27.87
20	17.45	21.28	38.44	28.06
0; 7 m; 1; 10/10 Ns; ESE 1 m/sec; 1010				
15.0; 12.8; 13.3; 78 %				

m	t°C	Cl‰	Sal‰	σt
5.12.1968. 0820-0900 28 m				
0	12.82	18.65	33.69	25.45
10	15.54	20.39	36.83	27.28
20	16.95	21.16	38.22	28.02
0; 6 m; 1; 0; 0; 1019				
10. 1.1969. 0850-0930 29 m				
0	10.85	20.18	36.45	27.95
10	12.70	20.50	37.03	28.05
20	13.10	20.70	37.39	28.24
0; 8 m; 1; 8/10 As, Cu; 0; 1011				
8.4; 4.4; 5.7; 52 %				

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
27 (123) TROGIRSKI ZALIV									
43°29' N 16°12' E									
18. 1.1965. 1050-1235 52 m									
0	13.32	20.05	36.22	27.30	6.74	5.94	113.4	1.0	
10	13.30	20.70	37.39	28.19	6.50	5.91	110.0	1.0	
20	13.68	20.90	37.75	28.40	6.33	5.86	107.8	1.6	
30	14.40	21.00	37.94	28.40	4.39	5.77	75.8	1.0	
45	14.44	21.02	37.97	28.41	4.88	5.77	84.7	1.6	
3; 9 m; 1; 9 Nb, St; E 3 m/sec; 1009									
10.1; 9.0; 10.7; 87 %									
21. 2.1965. 1153-1300 53 m									
0	10.00	20.26	36.60	28.21	6.70	6.33	106.0	2.0	
10	10.29	20.53	37.09	28.54	6.94	6.27	110.5		
20	10.30	20.56	37.14	28.58	7.19	6.27	114.6	3.2	
30	10.52	20.70	37.39	28.74	6.56	6.23	105.4		
45	10.64	20.70	37.39	28.73	6.34	6.22	101.6	3.5	
0; 15 m; 2; 0; SW 4 m/sec; 1015									
5.0; 3.2; 6.5; 74 %									
16. 4.1965. 1035-1150 50 m									
0	13.34	18.02	32.56	24.45	6.06	6.10	99.3	1.5	
10	13.90	19.71	35.61	26.71	5.92	5.92	100.0		
20	12.56	20.51	37.05	28.09	5.99	6.02	99.4	0.9	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	$P\text{-}PO_4$ mg/t	P-tot mg/t
30	12.28	20.76	37.50	28.50	5.84	6.03	96.8		
45	12.18	20.91	37.77	28.71	5.67	6.03	94.0	0.7	

1; 13 m; 2; 4 Cs, Ac; E 1 m/sec; 1003

12.8; 8.5; 8.3; 56 %

21. 5.1965. 0855-1010 54 m

0	16.70	19.06	34.43	25.16	5.99	5.68	105.5	3.1	
10	15.74	19.72	35.62	26.30	6.04	5.73	105.5		
20	15.32	20.38	36.82	27.32	6.10	5.73	106.4	2.0	
30	13.92	20.86	37.86	28.30	6.17	5.84	105.5		
45	12.92	21.01	37.95	28.71	5.89	5.93	99.3	2.7	

1; 13 m; 1; 10 As; E 2 m/sec; 1013

3. 4.1965. 0910-0950 50 m

0	11.88	19.97	36.08	27.47	6.34	6.12	103.5	3.3	
10	12.00	20.61	37.23	28.34	6.07	6.06	100.1		
20	12.14	20.93	37.81	28.76	5.92	6.02	98.4	1.4	
30	12.24	20.97	37.88	28.80	5.98	6.00	99.7		
45	12.40	21.07	38.06	28.91	5.51	5.98	92.0	0.5	

0; 17 m; 2; 0; W 1 m/sec; 1019

12.1; 8.8; 9.1; 65 %

14. 6.1965. 1415-1450 48 m

0	19.89	19.60	35.41	25.13	5.70	5.34	106.8	2.0	
10	18.26	20.92	37.79	27.36	5.61	5.41	103.8		
20	15.79	20.95	37.84	28.00	5.78	5.63	102.5	1.8	
30	15.05	20.98	37.90	28.21	5.70	5.71	99.9		
45	14.11	21.00	37.94	28.45	5.88	5.80	101.7	2.8	

1; 16 m; 1; 1 Cs; E 4 m/sec; 1009

19.8; 16.2; 16.0; 69 %

16. 7.1965. 1235-1400 51 m

0	23.08	20.38	36.82	25.30	4.98	5.00	99.7	1.6	
10	20.55	20.71	37.41	26.48	5.02	5.19	96.7		
20	18.02	20.95	37.84	27.47	5.54	5.43	101.7	1.2	
30	15.52	21.04	38.01	28.19	5.73	5.66	100.8		
45	14.10	21.04	38.01	28.50	5.67	5.79	97.8		

0; 20 m; 2; 10 As; 0; 1009

24.4; 21.2; 23.1; 75 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
11. 8.1965. 0850-1010 54 m									
0	24.12	20.76	37.50	25.53	4.74	4.88	96.7	1.3	
10	20.72	21.04	38.01	26.88	5.55	5.17	107.2		
20	17.00	21.24	38.37	28.12	5.96	5.50	108.4		
30	15.20	21.26	38.40	28.56	5.39	5.68	94.7		
45	14.26	21.31	38.49	28.84	5.27	5.77	91.3	1.9	
0; 20 m; 2; 7/10 As, Ci; 0; 1016									
26.2; 19.0; 17.2; 51 %									
16. 9.1965. 0850-1010 54 m									
0	21.18	20.27	36.62	26.46				3.7	
10	21.52	20.89	37.74	26.46	4.83	5.09	94.7		
20	21.10	21.00	37.94	26.72	-5.10	- 5.14	99.3	0.0	
30	18.62	21.02	37.97	27.41	5.04	5.37	93.8		
45	15.12	21.08	38.08	28.34	6.13	5.69	107.9	0.8	
0; 20 m; 2; 7 Ci, As; 0; 1016									
26.2; 19.0; 17.2; 51 %									
18.10.1965. 1020-1126 49 m									
0	19.62	20.81	37.59	26.86	- 5.26	5.28	99.4	1.7	
10	19.50	20.95	37.84	27.07	5.26	5.28	99.4		
20	19.48	20.95	37.84	27.09	5.25	5.28	99.3	2.9	
30	19.68	21.00	37.94	27.10	5.55	5.27	105.4		
45	16.08	21.17	38.24	28.24	5.28	5.59	94.4	2.2	
1; 16 m; 1; 0; E 3 m/sec; 1013.5									
18.6; 14.0; 12.9; 60 %									
23. 1.1966. 1036-1106 49 m									
0	11.16	19.99	36.11	27.63	5.87	6.21	94.5	1.9	
10	11.28	20.09	36.29	27.75	5.89	6.18	95.3		
20	11.46	20.30	36.67	28.00	5.95	6.15	96.8	0.9	
30	12.18	20.69	37.38	28.41	5.73	6.04	95.0		
45	12.94	20.93	37.81	28.60	5.50	5.94	92.6	1.9	
1; 9 m; 0; 10 Cu; SE 5 m/sec; 994									
10.4; 9.8; 11.7; 93 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
27. 2.1966. 0858-0940 48 m									
0	12.08	17.90	32.34	24.52	7.16	6.26	115.4	0.6	
10	12.40	20.42	36.89	28.00	6.77	6.03	112.4		
20	12.46	20.68	37.36	28.34	5.77	6.00	96.3	0.8	
30	12.48	20.81	37.59	28.52	5.68	5.99	94.8		
45	12.52	20.94	37.83	28.70	5.62	5.98	92.3	1.6	
0; 14 m; 2; 1/10 Cs; 0; 1012									
9.4; 7.4; 8.9; 76 %									
30. 3.1966. 1130-1215 50 m									
0	11.58	20.38	36.82	28.10	6.22	6.13	101.4	0.3	
10	11.58	20.50	37.03	28.26	5.36	6.12	87.8		
20	11.87	20.54	37.10	28.27	5.95	5.99	97.6	0.0	
30	12.87	21.01	37.95	28.72	5.27	5.93	88.8		
45	13.28	21.20	38.30	28.91	5.74	5.87	97.7	0.2	
2; 16 m; 2; 6/10 Ac; NE 8 m/sec; 1003									
12.3; 6.2; 5.4; 38 %									
21. 4.1966. 1330-1435 52 m									
0	15.42	19.47	35.17	26.04	5.91	5.78	102.3	0.1	
10	14.89	19.88	35.91	26.72	5.80	5.80	100.0		
20	14.29	20.13	36.36	27.20	6.53	5.85	111.5	1.1	
30	13.80	20.37	36.80	27.64	6.07	5.88	103.3		
45	13.29	21.00	37.94	28.62	6.03	5.89	102.3	0.5	
3; 11 m; 1; 10/10 Ns; E 5 m/sec; 1000									
17.1; 12.3; 11.1; 57 %									
27. 5.1966. 1040-1155 50 m									
0	19.90	19.61	35.43	25.15	6.04	5.44	111.0	1.8	
10	17.46	20.33	36.73	26.76	5.98	5.53	108.3		
20	16.32	20.71	37.41	27.55	6.00	5.60	107.2	1.6	
30	15.28	20.78	37.54	27.88	5.85	5.69	102.8		
45	13.78	21.03	37.99	28.57	5.44	5.84	93.3	1.2	
1; 7 m; 2; 9/10 As, Cu; SE 6 m/sec; 997									
19.2; 14.2; 12.8; 58 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
18. 6.1966. 0842-0905 48 m									
0	22.70	19.24	34.76	23.86	5.41	5.11	105.8		
10	19.83	20.69	37.38	26.64	5.77	5.24	110.3		
20	16.65	20.88	37.72	27.70	5.77	5.57	103.6		
30	14.79	20.93	37.81	28.20	5.65	5.74	98.5		
45	14.16	21.02	37.91	28.46	5.70	5.80	98.3		
0; 16 m; 1; 0; SE 1 m/sec; 1003									
24.5; 19.6; 19.6; 63 %									
10. 7.1966. 0918-1016 49 m									
0	22.40	20.22	36.53	25.29	5.07	5.07	100.0	0.4	
10	20.60	20.55	37.12	26.24	5.24	5.21	100.5		
20	17.61	20.75	37.48	27.29	5.11	5.48	93.2	0.3	
30	15.64	20.88	37.72	27.94	5.37	5.66	95.1		
45	14.42	21.05	38.03	28.46	5.19	5.77	90.0	0.0	
1; 15 m; 2; 0; E 4 m/sec; 1009									
23.2; 15.0; 11.6; 41 %									
19. 8.1966. 0915-1030 50 m									
0	24.10	20.44	36.92	25.09	5.45	4.93	110.4	1.9	
10	23.90	20.48	37.00	25.21	6.00	4.95	121.2		
20	18.60	20.94	37.84	27.31	5.63	5.38	104.5	1.3	
30	16.40	20.96	37.86	27.87	5.61	5.58	100.4		
45	14.86	21.19	38.28	28.55	5.47	5.72	97.4	1.5	
1; 19 m; 2; 0; NE 5 m/sec; 1019									
25.0; 15.2; 10.8; 34 %									
14. 9.1966. 1021-1045 50 m									
0	23.84	20.35	36.76	25.03	5.35	4.95	108.2	2.0	
10	22.34	20.85	37.66	26.16	5.41	5.05	107.1		
20	18.99	21.07	38.06	27.39	6.49	5.33	121.7	1.8	
30	16.89	21.08	38.08	27.91	5.76	5.53	104.3		
45	14.95	21.18	38.26	28.51	5.78	5.72	101.2	1.9	
0; 22 m; -; 8/10 Ci; 0; 1016									
24.1; 19.6; 19.8; 66 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
14.10.1966. 0847-0945 49 m									
0	21.46	20.47	36.98	25.89	4.98	5.14	97.0	3.7	
10	21.54	20.75	37.48	26.25	5.30	5.12	103.4		
20	21.50	20.76	37.50	26.28	5.32	5.12	103.7	2.9	
30	21.54	20.79	37.56	26.30	5.07	5.11	99.4		
45	20.74	21.04	38.01	26.87	5.05	5.17	97.8		
0; 15 m; 1; 6/10 Ac; 0; 1018									
19.2; 17.3; 18.5; 83 %									
10.11.1966. 0935-1036 49 m									
0	19.06	20.10	36.31	26.04	5.43	5.48	99.4	3.5	
10	20.08	20.36	36.78	26.12	5.70	5.28	108.0		
20	20.28	20.56	37.14	26.34	5.27	5.25	100.1	2.1	
30	20.46	20.62	37.25	26.38	5.63	5.23	107.6		
45	20.54	20.80	37.57	26.59	4.94	5.20	94.8	2.5	
0; 13 m; 1; 9/10 Cs, Ac; E 2 m/sec; 1016									
15.4; 13.2; 13.7; 78 %									
23.12.1966. 1010-1033 47 m									
0	13.80	19.73	35.64	26.74	5.53	5.93	93.4	0.7	
10	14.44	20.03	36.18	27.02	5.60	5.84	95.8		
20	16.10	20.66	37.32	27.52	5.39	5.64	95.7	1.4	
30	16.30	21.01	37.95	27.96	5.36	5.59	95.8		
45	16.04	21.01	37.95	28.02	5.31	5.62	94.5	1.8	
2; 8 m; 2; 0; NE 14 m/sec; 1010									
7.6; 2.2; 3.6; 34 %									
25. 1.1967. 1141-1245 52 m									
0	10.96	19.24	34.76	26.53	6.27	6.29	99.7	0.8	
10	11.84	20.16	36.42	27.73	6.36	6.11	104.3		
20	12.40	20.35	36.76	27.89	6.12	6.04	101.4	0.1	
30	12.66	21.07	38.06	28.85	5.91	5.96	99.3		
45	(13.72)	21.12	38.15	(28.70)	5.56	5.83	95.4	0.3	
1; 11 m; 2; 2/10 Ac; N 12 m/sec; 1015									
11.8; 8.2; 8.5; 61 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
23. 2.1967. 0954–1050 50 m									
0	11.24	18.13	32.75	25.02	6.14	6.34	96.8	1.1	
10	11.18	20.13	36.36	27.83	6.12	6.19	98.8		
20	11.34	20.14	36.38	27.83	5.88	6.18	95.3	0.7	
30	11.36	20.56	37.33	28.38	6.02	6.14	98.0		
45	11.50	20.94	37.83	28.91	5.68	6.08	93.3	2.0	
1; 11 m; 1; 0; E 4 m/sec; 1023									
11.6; 8.2; 8.7; 63 %									
29. 3.1967. 0938–1005 52 m									
0	12.40	20.31	36.69	27.84	6.04	6.04	100.0	1.8	
10	12.26	20.55	37.12	28.28	5.76	6.03	95.6		
20	12.20	20.66	37.38	28.37	5.92	6.03	98.1	2.3	
30	12.25	20.75	37.48	28.49	5.84	6.02	97.1		
45	12.64	20.98	37.90	28.73	5.76	5.97	96.6	2.0	
1; 16 m; 0; 10/10 Ac; SE 7 m/sec; 1007									
13.2; 12.0; 13.2; 87 %									
27. 4.1967. 1124–1217 48 m									
0	13.08	20.25	36.58	27.62	5.88	5.97	98.5	0.4	
10	12.74	20.41	36.87	27.82	5.81	5.99	98.3		
20	12.86	20.68	37.36	28.27	5.83	5.97	97.7	2.0	
30	13.04	20.90	37.75	28.53	5.99	5.93	101.2		
45	13.40	21.05	38.03	28.68	5.84	5.88	99.4	0.5	
1; 14 m; 2; 3/10 Cu; E 3 m/sec; 1020									
11.4; 9.2; 10.1; 75 %									
19. 5.1967. 1215–1307 51 m									
0	18.50	19.68	35.55	26.84	6.90	5.46	126.3	3.4	
10	15.74	20.28	36.64	27.08	6.30	5.69	110.9		
20	15.70	20.73	37.45	27.72	6.22	5.66	109.8	1.2	
30	15.36	20.83	37.63	27.94	6.14	5.69	108.1		
45	13.12	20.90	37.75	28.51	6.30	5.90	106.9		
0; 17 m; -; 7/10 Cu; W 3 m/sec; 1012									
20.0; 16.2; 15.9; 68 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
30. 6.1967. 1106-1155 50 m									
0	21.64	20.53	37.09	25.92	5.52	5.16	107.0	1.9	
10	19.24	20.98	37.90	27.20	5.91	5.31	111.2		
20	17.42	21.00	37.94	27.68	5.68	5.48	103.7	1.0	
30	15.14	21.03	37.99	28.26	5.74	5.70	100.7		
45	14.42	21.05	38.03	28.45	5.49	5.76	95.2	2.3	
1; 20 m; 0; 0; W 2 m/sec; 1020									
26.9; 21.8; 22.7; 64 %									
22. 7.1967. 0830-0930 50 m									
0	23.29	20.61	37.23	25.55	5.10	4.98	102.5	3.3	
10	18.81	20.97	37.88	27.29	5.57	5.37	103.6		
20	15.68	21.00	37.94	28.10	5.72	5.65	101.2	1.4	
30	14.42	21.22	38.33	28.69	5.89	5.75	103.2		
45	14.00	21.24	38.27	28.81	5.35	5.80	92.4	2.4	
0; 15 m; 1; 3/10 Cs; SE 2 m/sec; 1019									
22.8; 21.4; 24.5; 88 %									
5. 8.1967. 1100-1210 52 m									
0	26.52	20.46	36.96	24.37				0.0	
10	18.54	20.95	37.84	27.33					
20	15.90	21.02	37.97	28.07				1.6	
30	15.30	21.12	38.15	28.35					
45	14.34	21.08	38.08	28.51				2.7	
1; 16 m; 2; -; S 3 m/sec; 1014									
28.0; 23.0; 24.8; 65 %									
14. 9.1967. 0937-1000 52 m									
0	22.08	20.36	36.78	25.56	5.26	5.10	103.3	2.3	
10	22.10	20.42	36.89	25.63	5.38	5.10	105.4		
20	22.34	20.94	37.83	26.28	5.44	5.05	107.5		
30	17.94	21.18	38.26	27.79	5.46	5.56	98.3	3.3	
45	16.40	21.22	38.33	28.23	5.69	5.56	102.3		
2; 19 m; 2; 10/10 Ac, Cu; 4 m/sec; 1014									
21.6; 18.5; 19.3; 75 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
12.10.1967. 0924-1020 54 m									
0	22.00	20.28	36.64	25.48	5.30	5.11	103.6	3.8	
10	21.98	20.90	37.75	26.32	5.00	5.07	98.8		
20	21.84	20.94	37.83	26.43	5.22	5.08	102.4	2.0	
30	21.16	21.11	38.13	26.84	5.12	5.13	99.4		
45	19.28	21.15	38.21	27.43	5.64	5.30	106.3	7.4	
0; 21 m; 1; 0; 0; 1023									
19.8; 17.2; 17.9; 78 %									
13.11.1967. 1235-1410 55 m									
0	19.19	20.80	37.67	26.96	5.62	5.33	105.4	1.2	
10	19.10	20.99	37.91	27.23	5.14	5.33	96.6		
20	19.11	21.06	38.04	27.34	5.30	5.32	99.6	2.2	
30	19.20	21.10	38.12	27.34	5.16	5.31	97.3		
45	18.60	21.16	38.22	27.61	5.62	5.36	104.4	0.1	
1; 13 m; 2; 2/10 Ci; SE 1 m/sec; 1023									
17.4; 11.0; 8.8; 45 %									
22.12.1967. 1515-1540 50 m									
0	14.32	21.11	38.13	28.54	5.54	5.77	96.0	0.9	
10	14.37	21.14	38.19	28.59	5.27	5.77	91.4		
20	14.50	21.17	38.24	28.60	5.52	5.75	95.9	1.4	
30	14.47	21.18	38.26	28.62	5.52	5.75	95.9		
45	14.40	21.22	38.33	28.69	5.34	5.75	92.8	3.8	
1; 11 m; 1; 10/10 As, St; ESE 8 m/sec; 1027									
7.4; 5.2; 7.3; 72 %									
19. 1.1968. 1105-1215 54 m									
0	11.0	20.22	36.53	27.99	6.05	6.20	97.7		
10	11.4	20.72	37.43	28.62	6.26	6.12	102.2		
20	11.6	20.79	37.56	28.68	5.83	6.09	95.7		
30	11.4	20.84	37.65	28.79	5.95	6.11	97.4		
45	11.9	20.88	37.72	28.75	5.77	6.05	95.3		
1; 13 m; 2; 10/10 Cu; N 11 m /sec; 1015									
9.6; 4.6; 5.2; 43 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
15. 2.1968. 1250-1400 54 m									
0	11.12	19.83	35.82	27.41	6.08	6.23	97.6		
10	11.32	20.13	36.36	27.79	6.08	6.17	98.6		
20	11.39	21.04	38.01	29.06	6.04	6.10	99.1		
30	11.92	21.24	38.27	29.24	6.03	6.01	100.1		
45	12.52	21.39	38.64	29.33	5.47	5.95	92.0		
1; 10 m; 0; 10/10 Cu, Ns; S; 1007									
11.8; 10.8; 12.3; 89 %									
19. 3.1968. 0928-1000 50 m									
0	11.68	20.18	36.45	27.78	5.76	6.12	94.4	2.3	
10	11.25	20.47	36.98	28.28	5.96	6.15	97.0		
20	11.24	20.72	37.43	28.02	6.28	6.14	102.3	2.7	
30	11.30	20.83	37.63	28.77	5.93	6.13	96.8		
45	11.60	20.91	37.77	28.82	5.74	6.08	94.4	0.5	
0; 9 m; 2; 9/10 Ac, Cu; 0; 1015									
13.1; 11.0; 11.6; 78 %									
17. 4.1968. 1255-1415 54 m									
0	14.35	20.63	37.27	27.88	6.06	5.81	104.4		
10	13.40	20.92	37.79	28.49	5.82	5.89	98.8		
20	13.06	20.98	37.90	28.64	6.42	5.92	108.3		
30	12.28	21.09	38.10	28.96	5.68	5.99	94.9		
45	12.65	21.16	38.22	28.97	5.84	5.95	98.2		
1; 12 m; 1; 2/10 Cs, Ci; SE 9 m/sec; 1017									
15.1; 13.0; 13.5; 79 %									
19. 5.1968. 0907-1030 48 m									
0	17.69	20.35	36.76	26.71	5.83	5.50	106.0		
10	16.82	20.66	37.32	27.36	6.08	5.56	109.4		
20	16.18	20.67	37.34	27.52	5.91	5.63	105.0		
30	15.66	20.81	37.59	27.84	5.96	5.65	105.6		
45	14.25	20.85	37.66	28.20	5.96	5.80	102.8		
0; 13 m; 1; 10/10 Ac; 0; 1008									
16.8; 14.0; 14.1; 74 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
22. 6.1968. 0925-0950 52 m									
0	22.90	19.71	35.61	24.44	5.16	5.08	101.4		
10	23.12	20.07	36.26	24.88	5.31	5.04	105.3		
20	20.50	21.03	37.99	26.92	5.38	5.26	102.3		
30	18.82	21.27	38.42	27.69	5.36	5.35	100.1		
45	16.60	21.28	38.44	28.02	5.38	5.54	97.4		
1; 15 m; 2; 0; NE 3 m/sec; 1008									
23.6; 14.4; 10.3; 35 ‰									
26. 7.1968. 0835-0921 49 m									
0	22.06	20.85	37.66	26.24	5.04	5.05	99.7		
10	21.10	20.90	37.75	26.57	5.24	5.15	101.8		
20	17.56	20.93	37.81	27.55	5.76	5.47	105.2		
30	16.09	20.95	37.84	27.92	5.73	5.61	102.1		
45	14.62	20.98	37.90	28.31	5.62	5.75	97.7		
0; 22 m; -; 0; 0; 1013									
22.0; 19.2; 20.4; 77 ‰									
17. 8.1968. 0820-0935 54 m									
0	22.49	20.39	36.83	25.48	5.32	5.05	105.2		
10	22.75	20.67	37.34	25.79	5.15	5.02	102.6		
20	19.72	21.21	38.31	27.38	5.20	5.25	99.1		
30	16.32	21.29	38.46	28.36	5.09	5.57	91.4		
45	15.15	21.30	38.49	28.65	4.84	5.67	85.4		
0-1; 20 m; 2; 0; E 4 m/sec; 1013									
21.8; 18.4; 18.9; 72 ‰									
27. 9.1968. 0910-0940 50 m									
0	20.10	20.05	36.22	25.68	5.17	5.29	97.8		
10	20.82	20.85	37.66	26.58	5.19	5.17	100.4		
20	20.64	21.22	38.33	27.14	5.15	5.16	99.7		
30	18.71	21.29	38.46	27.76	5.23	5.34	98.1		
45	16.40	21.32	38.51	28.37	5.27	5.55	95.0		
0; 13 m; 1; 2/10 Cs; 0; 1019									
19.4; 15.2; 14.5; 64 ‰									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
18.10.1968.	**0912-1017**	**54 m**							
0	19.58	20.64	37.29	26.64	5.41	5.30	102.1		
10	19.94	20.99	37.92	27.02	4.97	5.25	94.7		
20	19.88	21.00	37.94	27.05	4.97	5.25	94.7		
30	20.14	21.33	38.53	27.43	4.87	5.20	93.5		
45	16.06	21.42	38.69	28.51	4.87	5.58	87.2		
0; 19 m; 2; 0; NW 1 m/sec; 1019									
17.4; 11.2; 9.7; 46 %									
15.11.1968.	**1002-1109**	**54 m**							
0	16.22	20.84	37.65	27.76	5.25	5.60	93.7		
10	16.86	20.93	37.81	27.72	5.44	5.54	98.2		
20	17.48	20.97	37.88	27.63	5.23	5.48	95.5		
30	17.48	21.26	38.40	28.02	5.26	5.45	96.5		
45	17.38	21.30	38.48	28.11	5.03	5.46	92.1		
2; -; -; 10/10; NE 3 m/sec; 1010									
10.8; 9.2; 10.5; 82 %									
24.12.1968.	**0955-1027**	**50 m**							
0	12.80	19.76	35.70	27.00	5.62	6.04	93.0		
10	13.94	20.11	36.33	27.24	5.72	5.89	97.2		
20	14.87	21.05	38.03	28.36	6.00	5.73	104.6		
30	15.14	21.12	38.15	28.39	5.10	5.69	89.7		
45	15.70	21.15	38.21	28.31	5.75	5.64	101.9		
0; 8 m; 1; 8/10 Cs, Ac; W 2 m/sec; 1006									
9.6; 6.8; 8.0; 67 %									
29.12.1969.	**0940-0958**	**50 m**							
0	13.28	20.20	36.49	27.50	5.79	5.95	97.3		
10	13.64	20.24	36.56	27.50	5.26	5.91	89.0		
20	13.97	20.79	37.56	28.19	5.64	5.83	96.8		
30	14.04	20.84	37.65	28.24	5.37	5.82	92.2		
45	14.55	21.04	38.01	28.41	5.37	5.75	93.4		
2; 10 m; 1; 7/10 Ns, Cs, Ci; E 3 m/sec; 984									
9.8; 8.2; 9.9; 81 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t

28 (121) MARINSKI ZALIV
43°31' N 16°09' E

18. 1.1965. 0825-0940 34 m

0	11.84	17.41	35.91	27.36	5.91	6.33	93.4	1.5	
10	13.44	20.31	36.69	27.62	5.62	5.92	95.0	1.0	
20	13.96	20.66	37.32	28.00	4.99	5.85	85.3	1.0	
30	14.52	20.73	37.45	28.00	6.03	5.78	104.3	1.0	

1; 7 m; 1; 10 Nb, St; NE 3 m/sec; 1012
11.0; 9.2; 10.4; 80 %

21. 2.1965. 1000-1102 35 m

0	10.12	20.12	36.35	28.01	6.43	6.33	101.5	1.5	8.1
10	10.80	20.52	37.07	28.44	6.58	6.22	105.7	2.5	7.5
20	11.62	20.68	37.36	28.50	6.16	6.09	101.3	2.4	6.0
30	11.70	20.73	37.45	28.56	6.44	6.08	105.7	5.1	7.7

0; 13 m; 2; 1 Ci; 0; 1015
4.2; 0.4; 3.7; 46 %

3. 4.1965. 0745-0815 34 m

0	11.92	19.93	36.00	27.40	6.21	6.12	101.7	0.5	6.7
10	12.02	20.19	36.47	27.74	6.13	6.09	100.5	1.2	4.2
20	12.10	20.87	37.70	28.68	5.87	6.03	97.3	0.7	2.7
30	12.16	20.95	37.84	28.78	4.95	6.02	82.2	0.4	5.1

0-1; 11 m; 1; 2 Cs; W 2-3 m/sec; 1013
12.6; 7.8; 7.3; 51 %

16. 4.1965. 0910-1000 34 m

0	13.38	18.82	34.00	25.56	6.11	6.05	101.0	2.2	3.2
10	13.08	19.79	35.75	26.99	6.30	6.00	105.3	1.5	
20	12.46	20.51	37.05	28.11	6.17	6.02	102.5	1.8	9.3
30	12.24	20.81	37.59	28.58	6.06	6.02	100.6	1.2	2.4

0; 9 m; 2; 3 Cs, Ac; N 1m/sec; 1003
12.3; 8.8; 9.0; 63 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
21. 5.1965. 0705-0815 33 m									
0	16.81	18.85	34.05	24.84	6.75	5.68	118.9	2.6	6.3
10	15.92	19.77	35.71	26.33	6.11	5.72	107.2	1.1	6.1
20	15.08	20.30	36.67	27.25	6.13	5.75	106.6	2.1	6.6
30	13.55	20.80	37.57	28.29	6.20	5.88	105.5	1.1	9.6
0; 11 m; 2; 10 Ns; 0; 1013									
17.4; 14.0; 13.7; 69 %									
14. 6.1965. 1145-1215 34 m									
0	19.64	19.09	34.36	24.62	5.89	5.40	109.3	2.1	6.7
10	17.78	20.54	37.10	26.95	5.85	5.39	108.7	1.9	2.4
20	15.59	20.96	37.86	28.06	5.87	5.66	103.8	1.1	3.8
30	14.73	20.99	37.92	28.30	6.10	5.75	106.3	2.4	3.6
0; 15 m; 1; 9 As; E 1 m/sec; 1010									
21.8; 16.8; 15.7; 61 %									
16. 7.1965. 1105-1215 35 m									
0	23.02	20.21	36.51	25.09	5.12	5.01	102.3	2.1	
10	21.49	20.56	37.14	26.00	4.95	5.13	96.5	1.3	
20	17.65	20.91	37.77	27.50	5.55	5.47	101.5	1.6	
30	15.58	21.02	37.97	28.15	5.34	5.66	94.3	1.1	
1; 15 m; 2; 9 As; SE 1 m/sec; 1009									
24.8; 21.6; 23.7; 76 %									
11. 8.1965. 0653-0758 33 m									
0	24.34	20.52	37.07	25.14	5.26	4.88	107.7	3.4	13.0
10	21.02	21.06	38.04	26.83	5.28	5.17	102.8	4.8	4.7
20	16.74	21.14	38.19	28.04	5.49	5.53	99.5	4.9	4.8
30	15.15	21.26	38.40	28.58	5.26	5.67	92.7	4.8	3.4
0-1; 16 m; 2; 0; E 2 m/sec; 1016									
24.6; 18.2; 16.7; 54 %									
16. 9.1965. 0745-0815 34 m									
0	21.05	20.47	36.98	26.01	4.94	5.18	95.3	1.7	
10	21.44	20.88	37.72	26.45	4.90	5.13	95.4	3.2	

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	21.04	21.01	37.95	26.75	4.83	5.15	93.7	2.4	
30	19.58	21.09	38.10	27.24	4.68	5.28	88.7	0.4	

0; 17 m; 1; 0; 0; 1014

19.8; 16.6; 16.8; 73 %

18.10.1965. 0854-0945 34 m

0	19.80	20.61	37.23	26.53	5.60	5.28	105.9	1.4	9.5
10	20.14	20.97	37.88	26.94	5.22	5.22	100.0	1.1	6.8
20	19.75	20.98	37.90	27.06	5.38	5.25	102.5	2.9	6.8
30	19.64	21.04	38.01	27.18	5.24	5.27	99.5	2.9	

1; 11 m; 0; 0; NE 2-3 m/sec; 1013

17.8; 14.4; 14.1; 69 %

23. 1.1966. 0819-095 34 m

0	10.98	19.00	34.33	26.27	5.95	6.33	93.8	2.1	12.5
10	11.12	19.86	35.88	27.46	5.87	6.23	94.2	0.9	13.0
20	11.42	19.98	36.09	27.59	6.00	6.18	97.1	1.9	9.2
30	12.30	20.60	37.21	28.26	5.68	6.04	94.0	0.9	12.5

2; 5 m; 0; 10 Cu; SE 8 m/sec; 994

10.6; 9.4; 10.9; 86 %

27. 2.1966. 0720-0752 34 m

0	12.16	17.56	31.73	24.04	6.52	6.28	103.6		
10	12.20	20.58	37.18	28.26	5.99	6.04	90.7	1.2	
20	12.34	20.63	37.27	28.31	5.83	6.02	88.7	1.8	
30	12.48	20.80	37.57	28.51	5.62	5.99	93.8	0.8	

0; 11 m; 2; 8/10 Cs; N 1 m/sec; 1012

8.6; 6.0; 7.6; 68 %

30. 3.1966. 1000-1026 33 m

0	11.24	20.14	36.38	27.82	6.37	6.18	103.0	1.5	5.6
10	11.64	20.37	36.80	28.07	5.84	6.12	95.5	0.3	
20	11.68	20.48	37.00	28.22	6.07	6.10	99.4	0.0	6.8
30	12.84	21.07	38.06	28.82	5.20	5.94	87.6	1.6	8.1

2; 14 m; 2; 5/10 Cs, As; NE 7 m/sec; 1002.5

109; 5.0; 4.7; 37 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
21. 4.1966. 1135-1230 32 m									
0	15.50	19.42	35.07	25.94	6.18	5.78	107.0		4.8
10	15.40	19.67	35.53	26.31	6.03	5.77	104.5		3.9
20	14.01	20.17	36.44	27.32	6.09	5.87	103.7	1.6	3.3
30	13.10	20.65	37.30	28.17	6.09	5.94	102.5	1.4	3.0
2; 9 m; 2; 10/10 Ns; E 11 m/sec; 1000									
16.6; 12.3; 11.4; 61 ‰									
27. 5.1966. 0910-1000 34 m									
0	20.71	18.45	33.33	23.32	5.52	5.33	103.3	1.8	5.8
10	16.83	20.49	37.01	27.13	6.61	5.57	118.7	1.8	2.9
20	15.40	20.72	37.43	27.78	6.21	5.69	111.5	1.2	4.1
30	14.48	20.76	37.50	28.03	6.27	5.78	108.4	1.6	2.7
1; 5 m; 2; 9/10 Ac, Ci, Cu; SE 4 m/sec; 997									
18.4; 13.6; 12.4; 59 ‰									
18. 6.1966. 0647-0710 34 m									
0	22.65	19.00	34.33	23.54	5.27	5.14	102.5	2.3	8.5
10	17.89	20.72	37.43	27.18	5.82	5.56	104.7	1.8	7.2
20	16.01	20.80	37.57	27.74	5.46	5.64	96.8	3.2	10.6
30	14.78	20.90	37.75	28.15	5.94	5.74	103.5	3.9	12.8
0; 11 m; 1; 0; 0; 1002									
24.5; 18.2; 16.8; 54 ‰									
9. 7.1966. 0724-0820 34 m									
0	22.62	20.22	36.53	25.23	5.22	5.07	102.8	0.3	10.1
10	21.10	20.38	36.82	25.88	5.15	5.18	99.4	0.1	12.4
20	16.74	20.78	37.54	27.55	5.50	5.56	98.7	0.3	9.6
30	14.51	20.90	37.75	28.22	5.35	5.77	92.7	0.9	9.1
1; 14 m; 2; 0; E 9 m/sec; 1009									
20.0; 15.2; 14.1; 60 ‰									
10. 8.1966. 0710-0815 36 m									
0	24.02	20.42	36.89	25.09	5.87	4.87	120.3	1.3	8.1
10	23.02	20.58	37.18	25.60	5.68	4.97	114.4	0.0	6.6

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	17.48	20.94	37.83	27.58	5.98	5.49	108.7	0.0	6.5
30	15.08	21.09	38.10	28.36	5.65	5.70	99.3	2.2	3.9

1; 15 m; 2; 0; NE 6 m/sec; 1017

22.4; 15.2; 12.5; 46 %

14. 9.1966. 0835-0900 34 m

0	23.56	20.32	36.71	25.07	5.64	4.97	113.6	1.7	4.7
10	21.95	20.88	37.72	26.31	5.75	5.17	111.4	1.4	5.0
20	19.72	20.97	37.88	27.04	6.08	5.28	115.2	1.9	5.6
30	17.11	21.06	38.04	27.84	6.05	5.51	109.8	2.0	3.2

0; 17 m; -; 8/10 Ci; 0; 1015

23.4; 18.0; 17.1; 59 %

14.10.1966. 0726-0810 34 m

0	21.34	19.93	36.00	25.19	4.70	5.19	90.7	1.0	3.0
10	21.60	20.65	37.30	26.09	5.18	5.13	101.0	3.6	3.6
20	21.54	20.75	37.48	26.25	5.20	5.12	101.5	5.0	6.5
30	21.44	20.76	37.50	26.29	4.98	5.12	97.4	3.0	2.7

0; 13 m; 1; 7/10 As, Cs; 0; 1014

18.2; 16.8; 18.1; 87 %

10.11.1966. 0746-0836 35 m

0	18.10	11.41	20.63	14.33	5.61	6.04	92.9	2.9	
10	20.25	20.31	36.69	26.00	5.17	5.26	98.3	1.9	5.6
20	20.40	20.57	37.16	26.32	5.10	5.24	97.5	0.0	7.2
30	20.40	20.65	37.30	26.42	5.24	5.23	100.1	2.3	7.1

0; 7 m; 1; 10/10 Ac, Cs; ENE 2 m/sec; 1020

13.2; 12.0; 13.2; 87 %

23.12.1966. 0758-0820 33 m

0	13.50	19.43	35.10	26.40	5.80	5.98	96.9	0.0	
10	15.36	20.13	36.36	26.96	5.74	5.74	100.0	0.0	8.2
20	16.86	20.94	37.83	27.73	5.16	5.54	93.2	0.0	6.8
30	15.56	21.00	37.94	27.89	5.14	5.66	90.7	0.0	6.8

1; 6 m; 2; 0; NE 3 m/sec; 1010

4.7; 1.2; 4.3; 51 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
25. 1.1967. 0952-1051 34 m									
0	10.60	18.67	33.73	25.87	6.86	6.35	108.1	1.5	3.2
10	11.86	20.19	36.47	27.78	6.20	6.10	101.5	2.4	4.1
20	12.54	20.32	36.71	27.82	5.99	6.03	99.4	1.8	3.9
30	13.47	20.55	37.12	27.95	5.94	5.91	100.5	3.7	
1; 8 m; 2; 8/10 Cs, Ac; N 9 m/sec; 1014									
8.4; 5.6; 7.2; 66 %									
23. 2.1967. 0807-0845 35 m									
0	12.24	17.66	31.91	24.17	6.30	6.26	100.6	1.4	
10	11.18	20.06	36.24	27.73	6.25	6.19	101.1	1.6	
20	11.30	20.29	36.65	28.01	5.77	6.17	93.4	0.0	0.2
30	11.40	20.49	37.01	28.28	5.48	6.13	89.4	2.6	1.0
0; 5 m; 1; 0; 0; 1023									
9.2; 6.4; 7.7; 67 %									
29. 3.1967. 0719-0745 36 m									
0	12.60	19.62	35.44	26.84	5.77	6.07	95.0	1.1	6.8
10	12.40	20.28	36.64	27.81	5.85	6.04	97.0	4.0	
20	12.10	20.60	37.21	28.31	5.86	6.04	97.0	1.6	9.3
30	12.10	20.72	37.43	28.47	5.66	6.03	93.9	3.9	4.5
1; 13 m; 0; 10/10 Ac, St; SE 5 m/sec; 1009									
13.3; 11.4; 12.2; 80 %									
27. 4.1967. 1007-1100 34 m									
0	12.64	19.83	35.82	27.12	6.18	6.05	102.1	0.2	
10	12.90	20.42	36.89	27.90	6.17	5.98	103.2	0.2	3.2
20	13.06	20.60	37.21	28.12	6.00	5.94	101.1	0.1	3.5
30	13.10	20.88	37.72	28.50	6.09	5.92	102.9	1.1	6.1
1; 12 m; 2; 4/10 Ac; E 5 m/sec; 1020									
10.6; 8.2; 9.3; 73 %									
19. 5.1967. 0900-0945 34 m									
0	18.84	19.23	34.74	24.90	6.55	5.45	120.2	0.1	4.0
10	15.50	19.94	36.02	26.66	6.54	5.74	114.0	1.8	3.0

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	15.04	20.37	36.80	27.36	6.54	5.75	113.8		0.0
30	14.18	20.79	37.56	28.12	6.47	5.81	111.2		2.0
0; 14 m; 2; 8/10 As, Sc; 0; 1012									
17.1; 14.6; 15.0; 78 %									
30. 6.1967. 0934-1007 35 m									
0	22.98	19.80	35.95	24.67	5.32	5.05	105.1	0.0	7.8
10	19.02	20.90	37.75	27.14	5.57	5.28	105.4	1.7	5.5
20	15.54	20.93	37.81	28.03	5.57	5.66	98.3	1.8	
30	14.58	21.01	37.95	28.36	5.60	5.75	97.4	1.7	
0; 15 m; 0; 0; W 1 m/sec; 1020									
25.2; 20.8; 21.6; 68 %									
22. 7.1967. 0704-0745 35 m									
0	23.39	20.27	36.62	24.94	5.36	5.00	107.2	2.9	
10	18.58	21.00	37.94	27.39	5.41	5.38	100.4	2.9	
20	15.30	21.02	37.97	28.20	5.43	5.69	95.4	2.3	
30	14.45	21.07	38.06	28.47	5.44	5.77	94.3	1.1	
0; 12 m; 1; 2/10 Cs; 0; 1018									
22.8; 20.4; 22.4; 81 %									
5. 8.1967. 0910-1018 36 m									
0	25.52	20.34	36.74	24.51				3.6	
10	18.99	20.99	37.74	27.16				1.1	
20	15.54	21.04	38.01	28.18				2.0	
30	14.85	20.94	37.83	28.20				3.4	
0-1; 14 m; 2; -; E 2 m/sec; 1014									
25.9; 21.2; 22.0; 66 %									
14. 9.1967. 0729-0812 33 m									
0	22.51	20.57	37.16	25.73	5.44	5.05	107.3	3.3	7.7
10	22.54	20.60	37.21	25.75	5.63	5.05	111.2	4.5	
20	22.53	20.61	37.23	25.77	5.53	5.05	109.4	0.7	
30	17.06	21.15	38.21	27.98	5.67	5.50	103.0		1.1
2; 12 m; 2; 10/10 As, Ac; SE 7 m/sec; 1014									
21.2; 18.4; 19.3; 77 %									

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
12.10.1967. 0720–0806 36 m									
0	22.06	20.25	36.58	25.42	5.04	5.12	98.6	6.0	
10	21.76	20.81	37.59	26.26	5.13	5.10	100.5		
20	21.57	20.91	37.77	26.46	5.25	5.10	102.7	5.8	
30	20.04	21.13	38.17	27.19	5.04	5.22	96.8		
0; 15 m; 1; 0; NW 2 m/sec; 1023									
16.2; 15.4; 16.9; 92 %									
14.11.1967. 0825–0930 35 m									
0	19.14	20.82	37.61	27.00	5.61	5.33	105.4	3.2	7.7
10	19.32	21.01	37.95	27.20	5.17	5.30	97.8		6.3
20	19.10	21.08	38.08	27.37	5.08	5.32	95.7		
30	18.10	21.14	38.19	27.70	5.43	5.41	100.5	6.4	7.9
0–1; 8 m; 2; 0; NW 1 m/sec; 1025									
11.0; 9.9; 11.2; 85 %									
23.12.1967. 0834–0900 32 m									
0	13.70	20.54	37.10	27.89	5.43	5.88	92.4	3.0	
10	14.28	21.06	38.04	28.49	5.29	5.78	91.6	1.1	
20	14.27	21.18	38.26	28.66	5.29	5.77	91.7	1.3	
30	14.37	21.26	38.40	28.75	5.25	5.75	91.4	3.3	
1; 8 m; 0; 10/10 As, Ac; E 5 m/sec; 1027									
10.0; 8.2; 9.7; 79 %									
19. 1.1968. 0910–1015 38 m									
0	10.6	18.73	33.84	25.06	5.56	6.38	87.3	5.1	8.5
10	11.5	20.48	37.00	28.26	5.86	6.13	95.6	4.2	9.4
20	11.8	20.76	37.50	28.60	5.97	6.08	98.3		7.9
30	12.4	20.87	37.70	28.62	5.87	6.00	97.9	5.9	6.7
1; 8 m; 1; 1 % Cu; N 13 m/sec; 1015									
9.4; 5.2; 6.0; 51 %									
15. 2.1968. 1025–1145 36 m									
0	11.07	19.67	35.53	27.20	6.42	6.25	102.7	0.0	8.2
10	11.02	19.77	35.71	27.30	5.66	6.24	90.7	3.0	8.0

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	11.44	21.05	38.03	29.06	6.03	6.08	99.2	3.1	7.2
30	12.06	21.23	38.35	29.20	5.68	5.98	95.0	3.0	

1; 9 m; 0; 10/10 Cu, Ns; S; 1007

12.4; 11.6; 13.1; 91 %

19. 3.1968. 0750–0817 37 m

0	11.64	19.92	35.99	27.43	6.07	6.16	98.6	3.0	6.1
10	11.24	20.43	36.91	28.23	5.87	6.17	95.3	0.0	6.8
20	11.20	20.60	37.21	28.46	5.85	6.16	95.0	2.4	7.0
30	11.18	20.82	37.61	28.78	6.30	6.14	102.7	2.0	8.9

0; 12 m; 2; 8/10 Ac, Cs; 0; 1014

12.4; 10.6; 11.6; 80 %

17. 4.1968. 1100–1210 38 m

0	13.94	20.39	36.83	27.63	5.92	5.87	100.4		
10	13.24	20.79	37.56	28.33	5.96	5.91	100.6		
20	13.22	20.90	37.75	28.49	6.42	5.92	108.8		4.8
30	12.83	21.06	38.04	28.81	6.47	5.94	108.9		10.6

0–1; 11 m; 1; 5/10 Ci,Cs; E 5 m/sec; 1017

14.2; 12.6; 13.5; 84 %

19. 5.1968. 0705–0830 38 m

0	17.28	20.58	37.18	27.14	5.84	5.52	106.0	6.7	
10	16.59	20.97	37.88	27.84	5.92	5.57	106.2	3.3	6.7
20	16.30	21.00	37.94	27.96	6.04	5.58	108.2	0.9	
30	15.88	21.02	37.97	28.09	5.80	5.63	103.0	0.5	10.7

0; 11 m; –; 10/10 Ac; 0; 1008

16.8; 13.6; 13.5; 70 %

22. 6.1968. 0755–0825 33 m

0	23.25	19.99	36.11	24.72	5.10	5.02	101.7	3.1	3.5
10	23.27	20.48	37.00	25.39	5.64	5.00	113.8	1.9	1.8
20	21.56	20.80	37.57	26.31	5.45	5.12	106.4	5.6	7.5
30	19.30	21.16	38.22	27.42	5.26	5.31	99.2	3.5	5.4

2; 13 m; 2; 0; NE 6 m/sec; 1015

23.2; 13.8; 9.5; 33 %

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	$P\text{-}PO_4$ mg/t	P-tot mg/t
26. 7.1968.	**0726–0810**	**37 m**							
0	21.64	20.82	37.59	26.30	5.22	5.10	102.2		
10	21.25	20.92	37.79	26.56	5.18	5.13	101.0		
20	18.48	20.93	37.81	27.33	5.57	5.39	103.4		
30	16.02	20.96	37.86	27.96	5.62	5.61	101.9		
0; 17 m; 1; 0; 0; 1012									
20.4; 17.6; 18.3; 76 %									
17. 8.1968.	**0700–0802**	**38 m**							
0	22.57	20.33	36.73	25.38	5.33	5.05	105.6		
10	22.77	20.76	37.50	25.91	5.46	5.00	109.2		
20	18.92	21.21	38.31	27.59	5.20	5.33	97.5		
30	16.20	21.34	38.55	28.45	4.90	5.57	88.0		
0–1; 14 m; 2; 0; E 4–6 m/sec; 1013									
20.6; 17.4; 17.7; 73 %									
27. 9.1968.	**0813–0835**	**35 m**							
0	21.06	20.50	37.03	26.04	5.35	5.18	103.2		
10	20.92	20.86	37.68	26.57	5.27	5.16	102.2		
20	20.47	21.10	38.12	27.03	5.40	5.18	104.2		
30	17.80	21.32	38.51	28.02	5.21	5.43	95.9		
0; 10 m; 1; 2/10 Cs; 0; 1019									
17.0; 14.2; 14.3; 74 %									
18.10.1968.	**0755–0835**	**36 m**							
0	19.62	20.59	37.19	26.56	4.92	5.30	92.7		
10	19.96	20.74	37.47	26.67	4.93	5.27	93.5		
20	20.42	20.95	37.84	26.83	4.75	5.20	91.4		
30	19.92	21.37	38.60	27.55	5.02	5.22	96.2		
0; 12 m; 2; 1/10 Cs; 0; 1018									
14.4; 11.2; 11.2; 68 %									
15.11.1968.	**0904–0951**								
0	15.14	20.68	37.36	27.78	5.51	5.75	95.7		
10	17.20	20.77	37.52	27.42	5.50	5.53	99.4		

m	t°C	Cl‰	Sal‰	σt	O_2ml/l	O_2ml/l	O_2%	P-PO_4 mg/t	P-tot mg/t
20	17.42	20.98	37.90	27.66	5.22	5.48	95.1		
35	17.35	21.24	38.37	28.04	5.14	5.47	93.7		

1; 9 m; 0; 0; NE 2 m/sec; 1010

10.4; 8.2; 9.5; 75 %

24.12.1968. 0824-0855 36 m

0	12.94	17.51	31.64	23.84	5.67	6.19	91.6
10	14.67	18.26	32.99	24.51	6.07	5.95	101.8
20	15.36	21.02	37.97	28.20	5.37	5.69	94.5
30	15.25	21.17	38.24	28.43	6.27	5.69	110.2

0; 6 m; 1; 8/10 Cs, Ac; 0; 1006

8.2; 6.9; 8.9; 81 %

30 (123) MASLINICA

43°24' N 16°07' E

9.11.1965. 1207-1241 110 m

m	t°C	Cl‰	Sal‰	σt
0	19.38	21.14	38.19	27.38
20	19.32	21.16	38.22	27.42
75	17.56	21.19	38.28	27.91

0; 30 m; 1; 10 Ac; 0; 1020

17.8; 15.9; 16.6; 81 %

5.12.1965. 1513-1532 108 m

m	t°C	Cl‰	Sal‰	σt
0	16.84	21.32	38.51	28.26
10	16.84	21.32	38.51	28.26
20	16.92	21.35	38.57	28.28
30	16.94	21.36	38.58	28.28
50	16.86	21.40	38.66	28.37
75	16.74	21.40	38.66	28.40
100	16.36	21.40	38.66	28.41

1; 29 m; 1; 7/10 Cs, Ac, As; NE 3 m/sec; 1004

12.7; 9.2; 9.2; 62 %

m	t°C	Cl‰	Sal‰	σt

11. 1.1966. 1242-1300 115 m

0	13.96	21.19	38.28	28.75
20	13.99	21.21	38.31	28.76
75	14.07	21.28	38.44	28.84

2; 20 m; 1; 10/10 Cb; E 6 m/sec; 1009

10.0; 8.8; 10.5; 86 %

21. 3.1966. 1130-1149 109 m

0	12.38	21.31	38.49	29.24
20	12.40	21.42	38.69	29.40
75	13.59	21.48	38.80	29.23

1; 25 m; 1; 3/10 Cs; N 4 m/sec; 1019

9.0; 3.8; 4.5; 40 %

33 (123)
43°17' N 16°24' E

9.11.1965. 1410-1437 86 m

0	19.24	21.11	38.13	27.27
20	19.30	21.15	38.21	27.42
75	15.52	21.17	38.24	28.38

0; 29 m; 1; 10 Ac; 0; 1020

16.8; 15.9; 17.3; 90 %

16. 1.1966. 2035-2105 85 m

0	13.08	21.09	38.10	28.80
20	13.38	21.12	38.15	28.77
75	13.44	21.23	38.35	28.91

2; -; -; -; N 5 m/sec; 1000

10.0; -; -; -;

19. 2.1966. 0902-0922 114 m

0	12.99	21.32	38.33	28.99
20	13.09	21.28	38.44	29.04
50	13.15	21.33	38.53	29.11
75	13.17	21.33	38.53	29.11

1; 22 m; 1; 10/10 Ac, Cu; SE 3 m/sec; 1011

11.8; 9.5; 10.3; 75 %

28. 4.1966. 1430-1449 115 m

0	16.30	20.88	37.72	27.78
20	15.03	21.17	38.24	28.47
75	14.34	21.31	38.49	28.83

0; 30 m; 1; 6/10 Ac, As; W 2 m/sec; 1004

17.2; 15.2; 16.0; 81 %

20.12.1965. 1309-1327 85 m

0	15.52	21.05	38.03	28.21
20	15.52	21.07	38.06	28.23
75	15.90	21.24	38.37	28.38

3; 20 m; 0; 10/10 Ns; SE 7 m/sec; 1013

12.9; 11.8; 13.1; 88 %

19. 2.1966. 1424-1442 86 m

0	12.19	20.78	37.54	28.54
20	12.19	20.95	37.84	28.87
50	12.53	21.16	38.22	29.00
75	12.91	21.29	38.46	29.11

2; 23 m; 1; 10/10 Ac, Cu, Sc; SE 5 m/sec; 1009

12.7; 10.4; 11.1; 75%

m	t°C	Cl‰	Sal‰	σt
21. 3.1966. 1315-1333 86 m				
0	11.97	20.63	37.27	28.39
20	11.86	20.82	37.61	28.66
75	13.76	21.22	38.33	28.83
1; 21; 1; 3/10 Cs; W 4 m/sec; 1018				
9.7; 4.3; 4.7; 39 %				
8.11.1965. 1235-1305 80 m				
0	19.64	21.17	38.24	27.35
20	19.54	21.19	38.28	27.40
75	19.14	21.26	38.40	27.62
0; 25 m; 1; 8 Cs; N 1-2 m/sec; 1021				
17.2; 16.0; 17.3; 89 %				
12. 1.1966. 1253-1310 83 m				
0	13.86	21.22	38.33	28.81
20	13.84	21.25	38.39	28.86
75	13.88	21.32	38.51	28.94
3; 25 m; 1; 9/10 Ac; NW 6 m/sec;				
10.6; -; -; -				
26. 4.1966. 0935-0955 82 m				
0	15.46	20.60	37.21	27.59
20	15.20	21.04	38.01	28.26
75	14.44	21.29	38.46	28.79
2; 32 m; 2; 8/10 Cs; NW 6 m/sec; 1006				
16.2; 14.4; 15.2; 83 %				
30. 4.1966. 0910-0927 80 m				
0	15.30	20.72	37.43	27.79
20	14.99	20.90	37.75	28.11
75	13.76	21.22	38.33	28.83
0; 22 m; 2; 6/10 Ac, Cs; 1 m/sec; 1006				
18.0; 14.6; 14.4; 70 %				

34 (123) VIS
43°06' N 16°22' E

m	t°C	Cl‰	Sal‰	σt
5.12.1965. 1818-1837 78 m				
0	16.68	21.30	38.48	28.27
20	17.14	21.34	38.55	28.22
75	17.06	21.34	38.55	28.25
2; -; -; 3/10 Ac; E 5 m/sec; 1005				
11.4; 8.7; 9.3; 69 %				
18. 2.1966. 1028-1050 82 m				
0	12.45	20.81	37.59	28.52
20	12.41	20.83	37.63	28.56
50	12.28	20.84	37.65	28.61
75	12.33	20.94	37.83	28.73
2; 19 m; 2; 6/10 As, Ac, Cu, Cs; NW 5 m/sec; 1008				
12.1; 10.6; 11.9; 84 %				
20. 3.1966. 110-1126 83 m				
0	12.34	20.76	37.94	28.49
20	12.38	20.84	37.65	28.60
75	14.11	21.44	38.73	29.06
2; 22 m; 1; 0; NE 4 m/sec; 1018				
11.7; 7.9; 7.8; 56 %				

35 (123) VIS
43°02'N 16°16' E

8.11.1965. 1350–1421 105 m

m	t°C	Cl‰	Sal‰	σt
0	19.44	21.16	38.22	27.39
20	19.30	21.22	38.33	27.51
75	16.10	21.27	38.42	28.38

1; 25 m; 1; 10 Cu, Sc; N 3 m/sec; 1021
17.2; 16.1; 17.5; 89 %

4.12.1965. 1428–1456 100 m

m	t°C	Cl‰	Sal‰	σt
0	17.06	21.30	38.48	28.18
20	16.96	21.32	38.51	28.22
75	17.00	21.35	38.57	28.27

3; 23 m; 2; 6/12 Cu, Ns; N 9 m/sec; 994
11.0; 8.8; 9.9; 75 %

12. 1.1966. 1155–1210 106 m

m	t°C	Cl‰	Sal‰	σt
0	13.96	21.20	38.30	28.77
20	13.98	21.25	38.39	28.82
75	13.90	21.32	38.51	28.94

1; 30; 1; 6/10 Cs, Ac; SW 2 m/sec; 990
10.8; -; -; -

18. 2.1966. 1125–1146 103 m

m	t°C	Cl‰	Sal‰	σt
0	12.51	20.84	37.65	28.56
20	12.77	21.02	37.97	28.76
50	12.95	21.08	38.08	28.80
75	13.32	21.25	38.39	28.96

2; 20 m; 2; 5/10 Ac, Cu, Sc; NW 6 m/sec; 1008
12.4; 10.7; 11.9; 84 %

20. 3.1966. 1215–1235 104 m

m	t°C	Cl‰	Sal‰	σt
0	12.75	21.00	37.94	28.74
20	12.71	21.15	38.21	28.96
75	14.16	21.44	38.73	29.04

1; 25 m; 1; 0; NE 5 m/sec; 1018
12.3; 6.7; 6.0; 42 %

26. 4.1966. 1055–1215 104 m

m	t°C	Cl‰	Sal‰	σt
0	15.84	20.98	37.90	28.03
20	15.44	21.20	38.30	28.43
75	14.60	21.34	38.55	28.81

2; 32 m; 2; 5/10 Cs; NW 5 m/sec; 1006
18.2; 14.4; 13.9; 66 %

m	t°C	Cl‰	Sal‰	σt

36 (123)
43°16' N 16°11' E

9.11.1965. 1055-1133 104 m

0	19.54	21.18	38.26	27.39
20	19.34	21.21	38.31	27.49
75	17.22	21.27	38.42	28.11

0; 29 m; 1; 6 Cs, Sc; 0; 1020
17.2; 15.8; 17.1; 87 %

5.12.1965. 1644-1702 108 m

0	16.80	21.25	38.39	28.17
20	16.78	21.30	38.48	28.25
75	16.72	21.31	38.49	28.28

1; -; -; 5/10 Cc, Ac; SE 3 m/sec; 1004
11.6; 8.7; 9.4; 69 %

11. 1.1966. 1353-1414 106 m

0	13.88	21.22	38.33	28.80
20	13.94	21.24	38.37	28.82
75	14.01	21.32	38.51	28.91

2; 25 m; 1; 10/10 Ac, Cu; E 3 m/sec;
9.8; 8.2; 9.9; 81 %

19. 2.1966. 1000-1018 106 m

0	12.77	21.26	38.40	29.02
20	13.15	21.27	38.42	29.02
50	13.13	21.33	38.53	29.11
75	13.10	21.34	38.55	29.13

1; 22 m; 10/10 Ac, Cu, Sc; SE 5 m/sec; 1011
11.9; 10.2; 11.2; 80 %

21. 3.1966. 1035-1054 106 m

0	12.42	21.30	38.48	29.23
20	12.95	21.43	38.71	29.30
75	(13.69)	21.43	38.71	(29.13)

1; 29 m; 1; 2/10 Cs; 0; 1019
8.5; 3.8; 4.8; 43 %

28. 4.1966. 1546 110 m

0	16.18	20.89	37.74	27.82
20	15.06	21.23	38.35	28.56
75	14.24	21.34	38.55	28.90

1; 30 m; 1; 10/10 Ac; W 2 m/sec; 1003
17.4; 15.6; 16.5; 83 %

37 (114)
43°13' N 15°56' E

9.11.1965. 0922-0950 125 m

0	19.22	21.19	38.28	27.49
20	19.20	21.28	38.44	27.62
75	15.78	21.30	38.48	28.49

1; 27 m; 1; 7 Cs; N 2 m/sec; 1020
17.5; 15.8; 16.8; 84 %

5.12.1965. 1353-1408 125 m

0	16.84	21.30	38.48	28.24
10	16.80	21.32	38.51	28.26
20	16.80	21.33	38.53	28.29
30	16.82	21.35	38.57	28.31
50	16.54	21.36	38.58	28.39
75	16.48	21.36	38.58	28.40

m	t°C	Cl‰	Sal‰	σt
11. 1.1966. 1519-1535 123 m				
0	13.92	21.22	38.33	28.80
20	13.93	21.28	38.44	28.88
75	13.93	21.34	38.55	28.96
2; 25 m; 1; 10/10 Cu, Ac, SE 3 m/sec; 1007				
10.0; 8.9; 10.5; 86 %				
18. 2.1966. 1725-1743 123 m				
0	13.11	21.32	38.51	29.10
20	13.11	21.33	38.53	29.12
50	13.11	21.34	38.55	29.12
75	13.04	21.35	38.57	29.16
2; 25 m; 1; 5/10 As, Cu, Sc; W 3 m/sec; 1011				
11.9; 9.8; 10.7; 76 %				
28. 4.1966. 1248-1305 122 m				
0	19.94	21.31	38.49	28.23
20	15.40	21.37	38.60	28.67
75	14.54	21.38	38.62	28.87
0; 33 m; 1; 8/10 Cs; 0; 1004				
19.2; 16.0; 16.0; 72 %				
38 (114) SVETAC				
43°04' N 15°44' E				
8.11.1965. 1755-1825 120 m				
0	19.18	21.22	38.33	27.55
20	18.86	21.27	38.42	27.69
75	15.45	21.28	38.44	28.54
1; -; -; 1 Cs; N 2 m/sec; 1020				
17.6; 17.7; -; 88 %				
21. 3.1966. 0920-0942				
0	13.42	21.39	38.64	29.14
20	13.38	21.46	38.77	29.25
75	12.73	21.48	38.80	29.41
1; 26 m; 1; 2/10 Cs; N 4 m/sec; 1019				
7.8; 2.3; 3.6; 35 %				
5.12.1965. 1010-1125 120 m				
0	16.64	21.28	38.44	28.26
10	16.62	21.36	38.58	28.38
20	16.54	21.35	38.57	28.39
30	16.22	21.36	38.58	28.46
50	15.90	21.36	38.58	28.54
75	15.36	21.36	38.58	28.66
100	14.98	21.39	38.64	28.79
115	14.98	21.42	38.69	28.83
1; 26 m; 1; 5/10 Ac, As; W 3 m/sec; 1004				
11.6; 8.2; 8.7; 63 %				
100	15.44	21.40	38.66	28.71
120	14.38	21.40	38.66	28.72
1; 29 m; 1; 5/10 Cc, Ac; E 2 m/sec; 1004				
12.6; 9.4; -; 66 %				

m	t°C	Cl‰	Sal‰	σt
11. 1.1966. 1656-1715 126 m				
0	13.81	21.23	38.35	28.83
20	13.86	21.28	38.44	28.90
75	13.89	21.36	38.58	29.00
3; -; -; 10/10 Ac, Cu; SE 10 m/sec; 1005				
11.0; 9.4; 10.7; 82 %				
20. 3.1966. 1622-1646 120 m				
0	13.80	21.35	38.57	29.00
20	13.46	21.38	38.62	29.12
75	13.35	21.39	38.64	29.16
1; 25 m; 1; 2/10 Cc; NE 2 m/sec; 1018				
11.8; 5.7; 5.0; 37 %				
39 (162) BRUSNIK				
42°58' N 15°44' E				
8.11.1965. 1630-1700 100 m				
0	19.28	21.20	38.30	27.49
20	19.20	21.27	38.42	27.61
75	15.64	21.29	38.46	28.52
0; 29; 1; 6 Cs; 0; 1021				
17.3; 15.9; 17.0; 86 %				
12. 1.1966. 0855-0912 115 m				
0	13.94	21.27	38.42	28.86
20	13.96	21.30	38.48	28.90
75	13.88	21.36	38.58	29.00
3; 22 m; 1; 9/10 Ac; SW 10 m/sec; 997				
10.6; 8.4; 9.6; 75 %				
18. 2.1966. 1535-1555 118 m				
0	13.39	21.34	38.55	29.07
20	13.30	21.36	38.58	29.12
50	13.09	21.36	38.58	29.16
75	13.06	21.37	38.60	29.18
3; 23 m; 1; 8/10 As, Cu, Sc; W 8 m/sec; 1010				
12.4; 9.9; 10.7; 74 %				
28. 4.1966. 1110-1135 120 m				
0	15.94	21.32	38.51	28.48
20	15.26	21.36	38.58	28.69
75	14.37	21.38	38.62	28.92
1; 34 m; 1; 7/10 Cs; 0; 1004				
18.9; 16.2; 16.5; 75 %				
5.12.1965. 0940-1005				
0	16.76	21.33	38.53	28.30
20	16.76	21.34	38.55	28.31
75	16.36	21.36	38.58	28.42
2; 25 m; 1; 8/10 Ac; W 3 m/sec; 1004				
11.5; 8.2; 8.6; 64 %				
18. 2.1966. 1422-1442 118 m				
0	13.42	21.28	38.44	28.98
20	13.42	21.31	38.49	29.02
50	13.42	21.33	38.53	29.05
75	13.12	21.36	38.58	29.15
3; 22 m; 1; 8/10 Cu, Sc; NW 7 m/sec; 1009				
12.5; 10.3; 11.0; 75 %				

m	t°C	Cl‰	Sal‰	σt
20. 3.1966. 1510–1527 115 m				
0	13.64	21.38	38.62	29.08
20	13.43	21.39	38.64	29.14
75	13.07	21.39	38.64	29.22
1; 24 m; 1; 2/10 Cc; N 1 m/sec; 1018				
12.9; 7.4; 6.5; 44 %				
28. 4.1966. 0930–0950 112 m				
0	16.60	21.27	38.42	28.26
20	15.23	21.38	38.62	28.73
75	14.44	21.39	38.64	28.84
1; 34 m; 1; 8/10 Ac; NW 1 m/sec; 1003				
17.2; 15.1; 15.6; 79 %				

40 (123) KOMIŽA
43°01' N 16°03' E

9.11.1965. 0710–0744 86 m				
0	19.22	21.18	38.26	27.48
20	19.20	21.22	38.33	27.54
75	16.26	21.25	38.39	28.30
2; 26 m; 1; 5 Cs; N 3–4 m/sec; 1019				
17.2; 16.2; 17.7; 90 %				
5.12.1965. 0820–0836 93 m				
0	16.80	21.33	38.53	28.29
20	16.80	21.35	38.57	28.32
75	16.26	21.35	38.57	28.44
1; 25 m; 1; 5/10 Ac; N 2 m/sec; 1003				
11.4; 8.4; 9.1; 67 %				
12. 1.1966. 1018–1038 98 m				
0	13.91	21.25	38.39	28.84
20	13.90	21.28	38.44	28.88
75	13.89	21.33	38.53	28.96
3; 25 m; 1; 8/10 Ac; SW 4 m/sec; 998				
10.6; -; -; -				
18. 2.1966. 1300–1317 100 m				
0	13.27	21.33	38.35	28.94
20	13.17	21.26	38.40	29.01
50	13.44	21.32	38.51	29.03
75	13.48	21.38	38.53	29.03
3; 23 m; 2; 10/10 Ac, Cu, Sc; NW 7 m/sec; 1009				
12.8; 11.2; 12.3; 83 %				
20. 3.1966. 1345–1404 93 m				
0	12.95	21.24	38.37	29.03
20	12.87	21.26	38.40	29.07
75	13.88	21.48	38.80	29.14
2; 27 m; 1; 0; NE 6 m/sec; 1018				
12.9; 7.8; 7.1; 47 %				
28. 4.1966. 0740–0802 91 m				
0	15.84	21.28	38.44	28.45
20	15.87	21.35	38.57	28.62
75	14.73	21.39	38.64	28.85
1; 32 m; 1; 9/10 Sc; 0; 1003				
17.2; 15.2; 16.0; 81 %				

m	t°C	Cl‰	Sal‰	σt
23. 6.1970. 1525-1578 90 m				
0	22.14	21.31	38.49	26.84
10	20.78	21.32	38.51	27.24
20	16.69	21.45	38.75	28.48
30	16.14	21.49	38.82	28.67
50	15.15	21.51	38.86	28.93
75	15.07	21.51	38.86	28.95
2; 32 m; 1; 0; SW 3 m/sec; 1018				
24.2; 20.0; 20.5; 68 %				
20. 8.1970. 1340-1415 91 m				
0	25.54	21.44	38.73	26.02
10	21.32	21.48	38.80	27.31
20	19.92	21.43	38.71	27.64
30	18.18	21.57	38.96	28.27
50	16.37	21.58	38.98	28.73
75	15.12	21.58	38.98	29.03
3; 24 m; 1; 0; SE 8 m/sec; 1010				
28.2; 21.2; 20.5; 54 %				
4.11.1970. 1602-1640 92 m				
0	18.64	21.39	38.64	27.92
10	18.43	21.49	38.82	28.12
20	18.32	21.40	38.66	28.02
30	18.37	21.41	38.68	28.03
50	18.27	21.41	38.68	28.04
75	17.57	21.41	38.68	28.22
1; 24 m; 1; 4/10 Cu, Ac, Ci; W 2 m/sec; 1018				
16.8; 14.4; 14.4; 76 %				

41 (173) PALAGRUŽ
42°26' N 16°16' E

m	t°C	Cl‰	Sal‰	σt
7.11.1965. 1140-1204 165 m				
0	18.24	21.23	38.35	27.80
26. 7.1970. 1625-1700 110 m				
0	22.40	21.21	38.31	26.63
10	21.55	21.35	38.57	27.07
20	17.45	21.36	38.58	28.16
30	16.43	21.41	38.68	28.49
50	15.40	21.42	38.69	28.74
75	14.90	21.43	38.71	28.87
2; 27 m; 2; 3/10 Cs, Ac; NW 4 m/sec; 1010				
23.4; 20.2; 21.6; 75 %				
30. 9.1970. 1700-1730 92 m				
0	21.46	21.34	38.55	27.08
10	21.36	21.34	38.55	27.10
20	17.63	21.34	38.55	28.10
30	17.22	21.35	38.57	28.21
50	16.10	21.36	38.58	28.41
75	15.36	21.42	38.69	28.74
1; 35 m; -; 2/10 Cs; NW 1 m/sec; 1022				
18.1; 12.4; 10.5; 50 %				
17.12.1965. 1107-1125 165 m				
0	14.98	21.23	38.35	28.57

m	t°C	Cl‰	Sal‰	σt
20	18.22	21.25	38.39	27.84
75	13.76	21.28	38.44	28.91
0; 22 m; 2; 9 Cs; 0; 1020				
17.2; 14.5; 14.7; 75 %				

m	t°C	Cl‰	Sal‰	σt
20	14.90	21.29	38.46	28.67
75	14.64	21.33	38.53	28.79
2-3; 25 m; 2; 7/10 Cu; SE 6 m/sec; 1014				
13.7; 10.5; 10.8; 69 %				

16. 2.1966. 1522-1540 105 m

m	t°C	Cl‰	Sal‰	σt
0	13.90	21.34	38.55	28.97
20	13.61	21.34	38.55	29.03
50	13.44	21.35	38.57	29.09
75	13.39	21.37	38.60	29.12
0; 23 m; 1; 3/10 Cs, Cu; 0; 1002				
11.3; 9.1; 9.9; 73 %				

19. 3.1966. 1336-1354 103 m

m	t°C	Cl‰	Sal‰	σt
0	14.44	21.41	38.68	28.94
20	14.12	21.45	38.75	29.07
75	14.02	21.47	38.78	29.12
1; 29 m; 1; 4/10 Cs, Ac; NE 1 m/sec; 1012				
12.5; 6.9; 6.0; 41 %				

29. 4.1966. 1040-1100 112 m

m	t°C	Cl‰	Sal‰	σt
0	16.48	21.33	38.53	28.36
20	15.20	21.37	38.60	28.72
75	14.63	21.39	38.64	28.87
1; 34 m; 2; 9/10 Cs, As; NW 2 m/sec; 1003				
17.0; 15.4; 16.4; 85 %				

44 (172) SUŠAC

42°49' N 16°32' E

7.11.1965. 0722-0851 115 m

m	t°C	Cl‰	Sal‰	σt
0	19.50	21.25	38.39	27.50
20	19.46	21.28	38.44	27.55
75	16.94	21.29	38.46	28.20
0; 22 m; 2; 8 Cs, Ac; 0; 1019				
14.1; 12.5; 13.4; 84 %				

4.12.1965. 1240-1257 120 m

m	t°C	Cl‰	Sal‰	σt
0	16.64	21.33	38.53	28.33
20	16.69	21.36	38.58	28.35
75	16.60	21.37	38.60	28.39
0; 25 m; 2; 10/10 Cu; NW 2 m/sec; 994				
11.0; 9.1; 10.2; 79 %				

m	t°C	Cl‰	Sal‰	σt

16. 2.1966. 0953-1012 138 m

0	13.60	21.20	38.30	28.84
20	13.66	21.24	38.37	28.88
50	13.69	21.34	38.55	29.01
75	13.88	21.35	38.57	28.99

0; 23 m; 1; 0; 0; 1003

11.4; 8.2; 8.8; 65 %

19. 3.1966. 0805-0819 123 m

0	13.11	21.10	38.12	28.80
20	13.95	21.46	38.77	29.13
75	14.23	21.53	38.89	29.24

1; 23 m; 2; 4/10 Cs, Cc; NE 2 m/sec; 1012

10.5; 6.2; 6.7; 53 %

27. 4.1966. 1000-1020 120 m

0	15.84	21.17	38.24	28.30
20	15.48	21.37	38.60	28.66
75	14.64	21.39	38.64	28.87

2; 34 m; 1; 10/10 Ac, Cs; 0; 1006

18.1; 16.2; 17.2; 83 %

45 (172) VELALUKA

42°58' N 16°32' E

8.11.1965. 0700-0731 91 m

0	19.50	21.22	38.33	27.45
20	19.46	21.25	38.39	27.51
75	18.44	21.28	38.44	27.82

0; 29 m; 1; 6 Cs, Ac; 0; 1019

14.8; 13.9; 15.0; 89 %

4.12.1965. 0843-0900 97 m

0	17.32	21.35	38.57	28.19
20	17.34	21.36	38.58	28.19
75	17.30	21.38	38.62	28.23

3; 20 m; 1; 10 Cu, Nb; N 6 m/sec; 992

9.5; 7.6; 9.1; 77 %

12. 1.1966. 1510-1536 98 m

0	13.98	21.18	38.26	28.72
20	14.00	21.25	38.39	28.82
75	13.90	21.30	38.48	28.91

2; 24 m; 1; 9/10 Ac; NW 2 m/sec; 999

11.2; -; -; -

18. 2.1966. 0820-0840 93 m

0	12.10	20.47	36.98	28.12
20	12.27	20.56	37.14	28.21
50	13.17	21.08	38.08	28.74
75	13.74	21.25	38.39	28.88

3; 16 m; 1; 10/10 Cu, Cn; N 7 m/sec; 1006.5

11.8; 10.4; 11.7; 84 %

m	t°C	Cl‰	Sal‰	σt

20. 3.1966. 0910-0928 98 m

0	12.32	20.53	37.09	28.17
20	12.58	21.01	37.95	28.77
75	13.98	21.14	38.19	28.67

4; 22 m; 1; 0; NE 10 m/sec; 1017

11.7; 7.1; 6.8; 49 %

27. 4.1966. 0829-0846 91 m

0	15.54	20.70	37.39	27.71
20	15.20	21.03	37.99	28.25
75	14.38	21.32	38.51	28.83

2; 28 m; 1; 10/10 Cs, Ac; 0; 1006

17.2; 15.6; 16.7; 85 %

46 (123) BOL

43°15' N 16°39' E

8.11.1965. 1030-1101 72 m

0	19.56	21.15	38.21	27.35
20	19.50	21.18	38.26	27.39
65	19.44	21.24	38.37	27.51

0; 29 m; 1; 5 Cs, Sc; 0; 1021

16.2; 15.1; 16.5; 89 %

3.12.1965. 0944-1011 72 m

0	17.36	20.82	37.61	27.45
20	17.32	21.31	38.49	28.12
60	17.30	21.36	38.58	28.20

3; 20 m; 1; 10 As, Ac; E 11 m/sec; 999

16.2; 15.1; 16.5; 89 %

12. 1.1966. 1357-1416 73 m

0	13.90	21.19	38.28	28.77
20	13.92	21.24	38.37	28.83
65	13.88	21.31	38.49	28.93

3; 23 m; 1; 6/10 Ac; NW 5 m/sec; 999

11.2; -; -; -

18. 2.1966. 0930-0949 72 m

0	12.38	20.86	37.68	28.61
20	12.37	20.87	37.70	28.61
50	12.40	20.89	37.74	28.64
65	12.40	20.94	37.83	28.72

2; 19 m; 2; 7/10 As, Cu; NW 4 m/sec; 1008

11.9; 10.4; 11.6; 82 %

20. 3.1966. 1020-1039 76 m

0	11.89	20.96	37.86	28.87
20	12.48	20.98	37.90	28.76
65	(13.90)	21.01	37.95	(28.50)

2; 25 m; 1; 0; NE 5 m/sec; 1018

11.2; 6.3; 6.1; 46 %

26. 4.1966. 0840-0905 71 m

0	15.35	20.56	37.14	27.56
20	14.97	20.88	37.72	28.09
65	14.38	21.12	38.15	28.55

2; 30 m; 2; 8/10 Cs; NW 4 m/sec; 1006

16.4; 14.2; 14.7; 79 %

47 (124) HRAČKI KANAL
43°26' N 16°35' E

9.11.1965. 1550-1623 86 m

m	t°C	Cl‰	Sal‰	σt
0	19.16	21.12	38.15	27.40
20	19.14	21.13	38.17	27.44
75	14.86	21.15	38.21	28.49

0; 25 m; 1; 10 Ac; 0; 1020
17.6; 15.2; 15.7; 78 %

6.12.1965. 0935-0950 83 m

m	t°C	Cl‰	Sal‰	σt
0	16.14	21.18	38.26	28.24
20	16.72	21.26	38.40	28.21
75	16.80	21.32	38.51	28.27

3-4; 21 m; 1; 10/10 Ac; SE 8 m/sec; 1006
13.7; 11.0; 11.2; 71 %

16. 1.1966. 1858-1912 81 m

m	t°C	Cl‰	Sal‰	σt
0	12.88	20.94	37.83	28.62
20	12.98	21.00	37.94	28.69
75	13.22	21.23	38.35	28.96

1; -; -; -; N 3 m/sec; 1001
9.8; -; -; -

19. 2.1966. 1240-1257 82 m

m	t°C	Cl‰	Sal‰	σt
0	12.40	21.02	37.97	28.82
20	12.39	21.05	38.03	28.88
50	12.44	21.17	38.24	29.03
75	12.74	21.21	38.31	29.03

1; 19 m; 1; 10/10 Cu, Sc; SE 3 m/sec; 1011
11.8; 10.3; 11.5; 83 %

21. 3.1966. 1500-1518 82 m

m	t°C	Cl‰	Sal‰	σt
0	11.89	20.82	37.61	28.66
20	11.88	20.85	37.66	28.70
75	13.29	21.26	38.40	28.98

2; 17 m; 1; 4/10 Cs; W 8 m/sec; 1017
10.0; 6.0; 6.7; 54 %

30. 4.1966. 0735-0751 81 m

m	t°C	Cl‰	Sal‰	σt
0	15.74	20.63	37.27	27.56
20	15.45	20.69	37.38	27.72
75	13.40	21.05	38.03	28.66

2; 23 m; 1; 10/10 Ac; NE 6 m/sec; 1006
20.1; 14.8; 12.0; 46 %

49 (124) OMIŠ
43°23' N 16°44' E

5.11.1965. 1020-1045 72 m

m	t°C	Cl‰	Sal‰	σt
0	18.42	20.88	37.72	27.27
20	18.78	20.94	37.83	27.26
67	16.58	21.19	38.28	28.15

2.12.1965. 1147-1230 73 m

m	t°C	Cl‰	Sal‰	σt
0	16.16	20.56	37.14	27.37
10	16.16	20.58	37.18	27.41
20	16.84	21.02	37.97	27.85
30	16.08	21.09	38.10	27.91

m	t°C	Cl‰	Sal‰	σt
2; 17 m; 1; 6 Cs, Cu; SE 5-6 m/sec; 1018				
18.6; 17.2; 18.7; 87 %				
16. 1.1966. 1622-1636 73 m				
0	12.78	21.01	37.95	28.74
20	12.90	21.03	37.99	28.75
65	13.06	21.10	38.12	28.81
1; 14 m; 0; 10/10 Cu, Ns; E 3 m/sec; 1000				
11.0; -; -; -;				
16. 3.1966. 1210-1230 73 m				
0	12.34	20.70	37.39	28.40
20	12.09	20.80	37.57	28.59
60	12.68	20.89	37.74	28.60
2; 15 m; 2; 8/10 As, Ac, Cu; N 4 m/sec; 1005				
7.9; 2.8; 4.1; 38 %				
50 (124) SUMARTIN				
43°15' N 16°56' E				
5.11.1965. 1220-1247 65 m				
0	19.30	21.13	38.17	27.39
20	19.28	21.20	38.30	27.49
60	16.56	21.25	38.39	28.24
2; 18 m; 1; 10 Cc; SE 6-7 m/sec; 1019				
19.4; 17.8; 19.3; 86 %				
50	17.02	21.17	38.24	28.02
70	(16.36)	21.21	38.31	(28.23)
1; 17 m; 2; 1 Cu; NE 5 m/sec; 1003				
11.4; 4.2; 3.5; 26 %				
15. 2.1966. 1216-1238 72 m				
0	12.43	20.44	36.92	28.01
10	12.42	20.52	37.07	28.14
20	12.41	20.80	37.57	28.53
60	12.75	21.01	37.95	28.75
2; 15 m; 2; 2/10 Cu; NE 6 m/sec; 999				
12.5; 7.7; 7.4; 51 %				
25. 4.1966. 1217-1236 71 m				
0	15.33	20.37	36.80	27.32
20	13.36	20.88	37.72	28.43
65	12.90	21.03	37.99	28.74
1; 24 m; 2; 2/10 Ac; E 4 m/sec; 1005				
17.4; 13.6; 12.7; 64 %				
2.12.1965. 1351-1436 65 m				
0	16.52	20.85	37.66	27.69
10	17.05	21.00	37.94	27.78
20	17.03	21.00	37.94	27.78
30	16.87	21.17	38.24	28.05
50	(17.00)	21.22	38.33	(28.09)
60	16.85	21.28	38.44	28.20
2; 18 m; 2; 00; NE 8 m/sec; 1001				
12.6; 7.0; 6.3; 43 %				

m	t°C	Cl‰	Sal‰	σt

16. 1.1966. 1445-1502 65 m

0	13.08	21.01	37.95	28.68
20	13.26	21.08	38.08	28.74
60	13.23	21.26	38.40	29.00

2; 16 m; 0; 10/10 Cu, Ns; SE 6 m/sec; 1001

11.0; -; -; -;

18. 3.1966. 1028-1044 68 m

0	11.51	20.61	37.23	28.43
20	11.97	20.71	37.41	28.48
60	11.96	20.81	37.59	28.62

3; 16 m; 2; 10/10 Ac, Cu; N 9 m/sec; 1010

10.5; 6.3; 6.8; 53 %

15. 2.1966. 1430-1452 66 m

0	12.53	20.41	36.87	28.97
10	12.48	20.92	37.79	28.68
20	12.48	20.95	37.84	28.71
60	12.72	21.07	38.06	28.84

1; 15 m; 2; 1/10 Cu; N 2 m/sec; 998

14.2; 9.2; 8.3; 51 %

25. 4.1966. 1415-1435 66 m

0	15.34	20.40	36.85	27.34
20	13.30	20.98	37.90	28.59
60	13.64	21.20	38.30	28.84

0; 35 m; 2; 3/10 Ac; 0; 1004.5

17.8; 15.6; 16.3; 80 %

51 (124) KORČULANSKI KANAL

43°03' N 16°45' E

8.11.1965. 0844-0916 64 m

0	19.40	21.14	38.19	27.38
20	19.36	21.19	38.28	27.45
55	19.28	21.27	38.42	27.59

1; 25 m; 1; 6 Cs, Ac; E 1-2 m/sec; 1019

15.4; 14.2; 15.3; 88 %

3.12.1965. 0750-0824 70 m

0	16.80	21.07	38.06	27.93
20	16.82	21.17	38.24	28.07
65	16.76	21.23	38.35	28.17

2; 17 m; 1; 10 As, Ac; E 5 m/sec; 1001

11.2; 6.8; 6.9; 52 %

16. 1.1966. 0823-0845 65 m

0	13.04	21.08	38.08	28.79
20	13.12	21.14	38.19	28.85
55	13.28	21.27	38.42	29.00

2; 20 m; 0; 10/10 Ac, Cu; E 4 m/sec; 1002

10.2; -; -; -;

16. 2.1966. 0725-0745 68 m

0	12.23	20.86	37.68	28.64
10	12.23	20.96	37.86	28.79
20	12.23	21.00	37.94	28.85
50	12.58	21.14	38.19	28.96

1; 19 m; 1; 0; NE 4 m/sec; 1002

10.7; 7.9; 8.8; 68 %

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt

18. 3.1966. 1700-1714 70 m

0	11.89	20.64	37.29	28.41
25	12.57	20.95	37.84	28.70
55	13.82	21.14	38.19	28.73

3; -; 1; 4/10 Cs, As; N 10 m/sec; 1008

11.9; 6.3; 5.9; 42 %

26. 4.1966. 0655-0712 65 m

0	15.40	20.84	37.65	27.94
20	14.60	20.91	37.77	28.21
55	14.05	21.28	38.44	28.85

0; 29 m; 2; 8/10 Cs; 0; 1006

16.4; 15.2; 16.5; 88 %

52 (172) LASTOVO

42°49' N 16°50' E

7.11.1965. 1805-1834 90 m

0	19.48	21.25	38.39	27.51
20	19.36	21.25	38.39	27.54
75	19.18	21.32	38.51	27.68

0; -; -; 0; 0; 1020

17.4; 14.8; 15.1; 76 %

4.12.1965. 1036-1052 92 m

0	16.68	21.23	38.35	28.18
10	16.68	21.30	38.48	28.28
20	16.68	21.31	38.49	28.28
30	16.66	21.33	38.53	28.32
50	16.66	21.35	38.57	28.36
75	16.60	21.36	38.58	28.38
85	16.44	21.36	38.58	28.41

0; 25 m; 0; 10 Cu, Ns; 0; 994

10.6; 8.4; 9.6; 75 %

16. 2.1966. 1920-1940 90 m

0	12.84	20.92	37.79	28.61
20	12.97	21.05	38.03	28.76
50	13.30	21.08	38.08	28.74
75	13.56	21.21	38.31	28.86

1; -; -; 4/10 Cs, As, Ac; SW 4 m/sec; 1003

11.7; 8.8; 9.3; 67 %

20. 3.1966. 0725-0742 90 m

0	12.44	20.93	37.81	28.70
20	12.83	21.07	38.06	28.81
75	(14.08)	21.16	38.22	(28.68)

2; 21 m; 1; 3/10 Cu, Ac; NE 5 m/sec; 1016

10.9; 6.7; 7.0; 55 %

65 (123) PAKLENI OTOCI
43°10' N 16°21' E

19. 4.1968. 1630-1720 71 m

m	t°C	Cl‰	Sal‰	σt
0	15.59	21.15	38.21	28.34
10	14.99	21.19	38.28	28.52
20	14.62	21.25	38.39	28.69
50	13.77	21.27	38.42	28.90

0; 21 m; 1; 0; 0; 0; 1020
18.4; 16.4; 17.3; 82 %

18. 5.1968. 1551-1640 70 m

m	t°C	Cl‰	Sal‰	σt
0	18.48	20.94	37.83	27.34
10	17.90	21.08	38.08	27.68
20	17.59	21.15	21.15	28.47
50	13.97	21.18	21.18	28.73

1; -; -; 7/10 Ac, Cu; W 1 m/sec; 1008
19.6; 16.8; 17.2; 73 %

21. 6.1968. 1344-1359 70 m

m	t°C	Cl‰	Sal‰	σt
0	23.16	20.90	37.75	25.98
10	22.66	21.01	37.95	26.28
20	22.14	21.01	37.97	26.45
50	19.04	21.19	38.28	27.54

1; 22 m; 1; 0; SW 2 m/sec; 1011
24.2; 22.2; 25.5; 84 %

25. 7.1968. 1530-1610 68 m

m	t°C	Cl‰	Sal‰	σt
0	22.12	20.63	37.27	25.93
10	22.06	20.69	37.38	26.04
20	21.87	20.71	37.41	26.11
50	16.05	21.26	38.40	28.37

2; -; 1; 7/10 Cs, Ac; SE 9 m/sec; 1013
23.2; 21.2; 23.9; 84 %

16. 8.1968. 1414-1460 60 m

m	t°C	Cl‰	Sal‰	σt
0	22.60	21.16	38.22	26.51
10	22.32	21.32	38.51	26.82
20	20.83	21.39	38.64	28.09
50	15.76	21.48	38.80	28.74

1; 24 m; 2; 0; S 7 m/sec; 1010
23.9; 22.9; 27.5; 92 %

26. 9.1968. 1445-1515 68 m

m	t°C	Cl‰	Sal‰	σt
0	21.36	21.34	38.55	27.11
10	21.27	21.34	38.55	27.14
20	21.18	21.35	38.57	27.18
50	16.31	21.36	38.58	28.29

2; 23 m; 2; 0; NW 5 m/sec; 1019
22.2; 16.8; 15.5; 58 %

15.10.1968. 1355-1420 60 m

m	t°C	Cl‰	Sal‰	σt
0	20.63	21.26	38.40	27.20
10	20.42	21.30	38.48	27.32
20	20.39	21.43	38.71	27.50
50	15.87	21.47	38.78	28.70

2; 26 m; 2; 0; NW 4 m/sec; 1014
21.0; 17.4; 17.5; 70 %

12.11.1968. 1311-1346 63 m

m	t°C	Cl‰	Sal‰	σt
0	17.82	21.10	38.12	27.72
10	17.84	21.14	38.19	27.77
20	17.90	21.16	38.22	27.78
50	17.80	21.33	38.53	28.04

1; 19 m; 1; 10/10 Ns; E 3 m/sec; 1009
15.1; 13.5; 14.4; 84 %

m	t°C	Cl‰	Sal‰	σt

19.12.1968. 1231-1255 65 m

0	15.00	21.09	38.10	28.37
10	12.54	21.21	38.31	28.49
20	15.40	21.35	38.57	28.65
50	15.66	21.36	38.58	28.66

1; 15 m; 0; 10/10 Cu, Cb; SW 2 m/sec; 996

14.2; 13.2; 14.5; 90 %

8. 4.1969. 1505-1547 70 m

0	14.04	20.45	36.94	27.69
10	13.72	20.70	37.39	28.11
20	13.72	20.81	37.59	28.26
50	13.78	21.13	38.17	28.70

1; 16 m; 2; 1/10 Ac; SW 4 m/sec; 1010

14.2; 10.1; 9.7; 60 %

18. 6.1969. 1037-1100 68 m

0	20.96	20.45	36.94	26.00
10	19.54	20.98	37.90	27.12
20	17.62	21.46	38.77	28.27
50	14.93	21.39	38.64	28.82

1; 21 m; 1; 2/10 Cs; NW 3 m/sec; 1004

21.6; 20.0; 23.3; 86 %

16. 8.1969. 1100-1150 68 m

0	22.90	20.78	37.54	25.90
10	20.82	20.91	37.77	26.67
20	16.10			
50	15.60	21.51	38.86	28.83

2; 18 m; 1; 4/10 Cs, Ac; E 7 m /sec; 993

25.8; 22.6; 25.2; 76 %

20. 1.1969. 1442-1522 69 m

0	13.94	21.23	38.35	28.80
10	13.96	21.25	38.39	28.83
20	13.94	21.28	38.44	28.88
50	13.86	21.30	38.48	28.93

2; 15 m; 1; 2/10 Cs; NE 7 m/sec; 1010

12.2; 6.8; 6.3; 44 %

12. 5.1969. 1430-1525 69 m

0	17.49	20.64	37.29	27.16
10	17.12	20.73	37.45	27.38
20	16.40	20.87	37.70	27.75
50	14.72	21.40	38.66	28.87

1; 20 m; 2; 1/10 Cs; W 6 m/sec; 1015

18.9; 16.9; 17.6; 81 %

18. 7.1969. 1325-1405 68 m

0	20.24	21.06	38.04	27.03
10	18.53	21.13	38.17	27.58
20	16.58	21.34	38.55	28.36
50	15.11	21.48	38.80	28.90

1; 20 m; 1; -; W 2 m/sec; 1012

21.6; 20.4; 23.2; 90 %

10. 9.1969. 1142-1155 62 m

0	23.45	20.40	36.85	25.15
10	23.18	21.17	38.24	26.35
20	22.48	21.23	38.25	26.64
50	15.72	21.42	38.69	28.66

0; 24 m; 2; 9/10 As; 0; 1002

25.0; -; -; -;

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt
7.10.1969. 1626-1655 62 m					**3.11.1969. 1455-1520 68 m**				
0	22.08	21.23	38.35	26.76	0	20.31	21.33	38.53	27.39
10	22.04	21.33	38.53	26.91	10	20.35	21.35	38.57	27.45
20	21.88	21.35	38.57	26.98	20	20.22	21.38	38.62	27.48
50	18.05	21.45	38.75	28.15	50	20.13	21.46	38.77	27.62
1; 20 m; 2; 0; N 5 m/sec; 1019					1; -; -; 1/10 Cu; W 1 B; 1014				
21.2; 15.4; 13.6; 54 %					18.3; 15.1; 14.8; 70 %				
70 a (63)									
44°08' N 14°50' E									
2. 8.1969. 0913-0950 61 m					**3.10.1969. 0726-0811 61 m**				
0	22.99	20.93	37.81	26.09	0	21.48	20.49	37.01	25.91
10	22.82	21.03	37.99	26.27	10	21.99	20.73	37.45	26.10
20	20.83	21.08	38.08	26.90	20	22.18	21.02	37.97	26.45
30	17.46	21.40	38.66	28.22	30	21.62	21.25	38.39	26.92
40	16.07	21.44	38.73	28.61	40	18.10	21.31	38.49	27.92
50	15.52	21.46	38.77	28.77	50	16.64	21.35	38.57	28.37
60	15.14	21.25	38.87	28.94	60	16.06	21.46	38.77	28.64
0; 24 m; 2; 0; N 1 m/sec; 1006					1; 24 m; 2; 0; NE 1 m/sec; 1014.5				
25.2; 20.4; 20.9; 66 %					18.4; 18.8; 14.1; 65 %				
24.12.1969. 1450-1520 61 m					**29. 3.1970. 1115-1139 61 m**				
0	14.96	21.22	38.33	28.55	0	12.50	20.77	37.52	28.47
10	14.97	21.22	38.33	28.56	10	12.48	20.79	37.56	28.50
20	14.98	21.26	38.40	28.61	20	12.48	20.90	37.75	28.64
30	15.00	21.27	38.42	28.62	30	12.56	20.96	37.86	28.71
40	14.98	21.28	38.44	28.64	40	12.52	20.96	37.86	28.71
50	15.04	21.31	38.49	28.66	50	12.54	(20.87)	(37.70)	(28.60)
60	14.99	21.29	38.46	28.66	60	12.56	21.02	37.97	28.80
2; 16 m; 2; 8 As, Ci; NE 1-2 m/sec; 994					2; -; 2; 0; NE 2 m/sec; 1005.0				
11.3; 7.0; 7.1; 53 %					8.9; 4.6; 5.6; 48 %				

70 b (63)
44°08' N 14°49' E

3.10.1960. 0858-0941 61 m

m	t°C	Cl‰	Sal‰	σt
0	21.48	20.24	36.56	25.57
10	22.14	20.94	37.83	26.34
20	21.24	21.24	38.37	27.00
30	17.62	21.40	38.66	28.18
40	17.52	21.42	38.69	28.23
50	16.32	21.40	38.66	28.50
60	15.43	21.43	38.71	28.74

1; 24 m; 2; 0; 0; 1015.0
20.4; 14.6; 12.8; 53 %

2. 8.1969. 1052-1147 62 m

m	t°C	Cl‰	Sal‰	σt
0	23.76	20.88	37.72	25.59
10	23.27	20.94	37.83	26.02
20	21.83	21.07	38.06	26.60
30	17.07	21.37	38.60	28.28
40	16.02	21.44	38.73	28.62
50	15.09	21.47	38.78	28.88
60	15.00	21.47	38.78	28.90

-; 29 m; 2; 0; -; 1006
25.8; 21.0; 21.7; 65 %

24.12.1969. 1540-1603 62 m

m	t°C	Cl‰	Sal‰	σt
0	14.96	21.24	38.37	28.60
10	15.00	21.27	38.42	28.62
20	14.97	21.28	38.44	28.64
30	14.96	21.29	38.46	28.66
40	14.94	21.30	38.48	28.68
50	14.94	21.31	38.49	28.70
60	14.94	21.31	38.49	28.70

2; 15 m; 2; 8 As, Ci; NE 1-2 m/sec; 994.0
11.3; 7.1; 7.2; 54 %

29. 3.1970. 1203-1223 62 m

m	t°C	Cl‰	Sal‰	σt
0	12.56	20.89	37.74	28.62
10	12.44	20.89	37.74	28.65
20	12.37	20.90	37.75	28.66
30	12.60	20.92	37.79	28.66
40	12.57	21.06	38.04	28.86
50	12.46	21.07	38.06	28.90
60	12.45	21.08	38.08	28.90

2; 20 m; 2; 0; NW 4 m/sec; 1005.0
10.1; 5.0; 5.3; 44 %

70 c (63)
44°09' N 14°49' E

2. 8.1969. 0800-0846 61 m

m	t°C	Cl‰	Sal‰	σt
0	22.97	20.88	37.72	26.06
10	22.02	21.02	37.97	26.49
20	20.37	21.18	38.26	27.17
30	16.74	21.42	38.69	28.42
40	15.79	21.48	38.80	28.74
50	15.44	21.51	38.86	28.87
60	15.04	21.53	38.89	28.98

0-1; 25 m; 2; 0; N 3 m/sec; 1006.0
24.2; 19.8; 20.1; 67 %

3.10.1969. 0630-0711 61 m

m	t°C	Cl‰	Sal‰	σt
0	21.45	20.30	36.67	25.66
10	21.91	20.68	37.36	26.06
20	22.33	21.02	37.97	26.41
30	21.22	21.19	38.28	26.95
40	19.61	21.37	38.60	27.62
50	16.82	21.33	38.53	28.29
60	15.50	21.37	38.60	28.64

1; 24 m; 2; 0; NE 1 m/sec; 1014.5
18.0; 14.6; 14.4; 70 %

m	t°C	Cl‰	Sal‰	σt
24.12.1969. 1419-1442 61 m				
0	14.85	21.23	38.35	28.60
10	14.94	21.39	38.64	28.80
20	14.94	21.39	38.64	28.80
30	14.95	21.40	38.66	28.81
40	14.90	21.40	38.66	28.82
50	14.92	21.39	38.64	28.81
60	14.74	21.40	38.66	28.86
2; 16 m; 2; 8 As, Ci; NE 1-2 m/sec; -; 11.9; 8.2; 8.4; 59 %				
29. 3.1970. 1040-1104 61 m				
0	12.40	20.83	37.63	28.58
10	12.38	20.84	37.65	28.60
20	12.30	20.84	37.65	28.60
30	12.52	20.94	37.83	28.70
40	12.53	20.98	37.90	28.74
50	12.52	21.01	37.95	28.79
60	12.52	21.02	37.97	28.81
2; 20 m; 2; 0; NE 3 m/sec; 1005.0 8.8; 4.0; 4.9; 44 %				

76 (102)
43°59' N 14°40' E

m	t°C	Cl‰	Sal‰	σt
30. 9.1965. 1510-1605 65 m				
0	20.78	21.15	38.21	27.02
10	20.52	21.15	38.21	27.09
20	20.45	21.15	38.21	27.12
30	19.12	21.21	38.31	27.54
50	15.24	21.30	38.48	28.62
1; -; 1; 0; S 2 m/sec; 1015 20.4; 16.4; 16.0; 67 %				

78 (63)
44°11' N 14°05' E

m	t°C	Cl‰	Sal‰	σt
1.10.1965. 1705-1745 67 m				
0	20.45	21.00	37.94	26.91
10	20.00	21.05	38.03	27.09
20	19.98	21.05	38.03	27.10
30	15.75	21.30	38.43	28.50
50	14.03	21.30	38.48	28.89
0; -; 1; 0; 0; 1015 20.2; 18.6; 20.4; 86 %				

79 (113) BLITVENICA
43°28' N 15°27' E

m	t°C	Cl‰	Sal‰	σt
19. 7.1970. 1220-1330 215 m				
0	21.10	21.26	38.39	27.06
10	19.62	21.27	38.42	27.49
20	16.50	21.39	38.64	28.44
30	16.30	21.43	38.71	28.55
50	15.20	21.46	38.77	28.85
75	14.78	21.44	38.73	28.92
100	13.69	21.39	38.64	29.08
150	12.38	21.28	38.44	29.20
175	11.73			
1; 30 m; 2; 0; SW 2 m/sec; 1012 20.3; 16.2; 15.6; 65 %				
31.10.1970. 1015-1118 205 m				
0	17.95	21.35	38.57	27.20
10	17.80	21.44	38.73	27.72
20	17.64	21.41	38.68	28.48
30	17.40	21.40	38.66	28.50
50	16.25	21.45	38.75	28.83
75	15.35	21.41	38.68	28.87
100	15.05	21.41	38.68	29.12
150	14.74	21.41	38.68	29.39
175	13.11	21.33	38.53	29.40
1; 26 m; 4/10 Cu; 0; 1022 16.4; 14.2; 14.7; 79 %				

m	t°C	Cl‰	Sal‰	σt

79 a (113) BLITVENICA
43°34' N 15°17' E

29. 9.1965. 1900-2015

0	20.80	21.25	38.39	27.15
10	20.78	21.25	38.39	27.16
20	20.58	21.25	38.39	27.20
30	16.57	21.32	38.51	28.33
50	15.35	21.34	38.55	28.67
75	15.20	21.39	38.64	28.75
100	15.20	21.43	38.71	28.80

1; -; 1; 0; N 1 m/sec; 1015
21.0; 16.3; 15.4; 62 %

122 (23) ROVINJ
44°57' N 13°25' E

24. 7.1965. 0915-0935

0	25.08	19.48	35.19	23.49
10	22.75	20.91	37.77	26.12
30	17.60	20.92	37.79	27.52

147 (182)
42°30' N 17°57' E

29. 7.1965. 2110-2127 200 m

0	24.81	21.14	38.19	25.83
200	13.88	21.32	38.60	29.02

0; -; -; 0; 0; -;
24.2; 20.0; 20.5; 68 %

86 (101)
43°50' N 14°21' E

1.10.1965. 1205-1300 69 m

0	20.38	20.82	37.61	26.68
10	20.36	21.05	38.03	26.99
20	20.26	21.05	38.03	27.02
30	17.22	21.19	38.28	27.99
50	15.52	21.31	38.49	28.56

0; 26 m; 1; 0; 0; 1015
21.0; 18.4; 19.5; 78 %

146 (182)
42°38' N 17°57' E

29. 7.1965. 2242-2256 100 m

0	24.30	21.05	38.03	25.88
100	14.72	21.10	38.12	28.45

0; -; -; 0; 0; -;
23.9; 19.9; 20.3; 68 %

148 (184)
42°26,8'N 17°57' E

29. 7.1965. 2012-2034 300 m

0	24.71	21.11	38.13	25.81
300	13.47	21.35	38.57	29.08

0; -; -; 0; 0; -;
24.9; 20.1; 20.0; 63 %

m	t°C	Cl‰	Sal‰	σt

149 (184)
42°25' N 17°57' E

29. 7.1965. 1915–1938 400 m

0	24.80	21.10	38.12	25.79
400	13.47	21.36	38.58	29.08

0; 25 m; -; 0; 0; -;
24.5; 19.5; 19.5; 65 %

150 (184)
42°24' N 17°57' E

29. 7.1965. 1827–1852 500 m

0	24.90	21.12	38.15	25.79
500	13.22	21.27	38.42	29.02

0; 27 m; -; 0; 0; -;
24.6; 19.2; 18.7; 60 %

151 (184)
42°23.5' N 17°57' E

29. 7.1965. 1730–1758 700 m

0	25.10	21.11	38.13	25.71
600	13.15	21.29	38.46	29.06

0; 26 m; -; 0; SW 1 m/sec; -;
25.0; 20.0; 20.0; 63 %

152 (184)
42°22' N 17°57' E

29. 7.1965. 1637–1706 800 m

0	25.10	21.09	38.10	25.69
700	13.07	21.33	38.53	29.13

0; 25 m; -; 0; SW 1 m/sec; -;
25.8; 20.3; 20.2; 61 %

153 (184)
42°20' N 17°57' E

29. 7.1965. 1333–1609 800 m

0	25.10	21.11	38.13	25.71
800	12.93	21.33	38.53	29.16

1; 26 m; -; 0; SW 2 m/sec; -;
25.4; 20.6; 21.1; 65 %

154 (184)
42°19.5' N 17°57' E

29. 7.1965. 1243–1327 900 m

0	25.15	21.17	38.24	25.77
900	12.90	21.31	38.49	29.14

1; 27 m; -; 0; SW 1 m/sec; -;
25.5; 20.0; 19.6; 60 %

m	t°C	Cl‰	Sal‰	σt

155 (184)
42°18' N 17°57' E

29. 7.1965. 1127-1210 1000 m

0	25.30	21.16	38.22	25.72
1000	12.70	21.32	38.51	29.19

2; 30 m; -; 0; SW 3 m/sec; -;
25.6; 20.6; 20.9; 64 %

156 (184)
42°15' N 17°57' E

29. 7.1965. 0955-1042

0	24.80	21.25	38.39	25.99
1100	12.38	21.30	38.48	29.23

2; 32 m; -; 0; SW 3 m/sec; -;
24.8; 18.5; 17.1; 55 %

157 (184)
42°10.9' N 17°57' E

29. 7.1965. 0758-0900 1200

0	24.60	21.02	37.97	25.74
1200	12.68	21.26	38.40	29.11

2; 31 m; -; 0; SW 2 m/sec; -;
24.1; 20.6; 22.0; 74 %

158 (101)
43°58.7' N 14°08.8' E

7. 8.1969. 1155-1243 72 m

0	26.44	20.64	37.29	24.64
10	24.37	20.81	37.39	25.36
20	21.64	21.09	38.10	26.68
30	15.92	21.22	38.33	28.32
40	14.93	21.39	38.64	28.80
50	14.53	21.47	38.78	29.00
60	13.55	21.40	38.66	29.12
70	13.02	21.44	38.73	29.30

0; 24 m; 1; 0; 0; 1009
25.8; 22.2; 24.4; 73 %

1.10.1969. 1149-1233 72 m

0	21.94	20.61	37.23	25.94
10	21.86	20.94	37.83	26.42
20	19.69	21.24	38.37	27.43
30	15.62	21.39	38.64	28.65
40	15.00	21.52	38.87	28.97
50	13.86	21.45	38.75	29.12
60	13.58	21.52	38.87	29.29
70	13.35	21.52	38.87	29.33

1; 24 m; 1; 8 Cs; E 2 m/sec; 1011
20.5; 19.6; 22.3; 93 %

m	t°C	Cl‰	Sal‰	σt
23.12.1969. 0930-0951 73 m				
0	14.51	21.27	38.42	28.73
10	14.44	21.28	38.44	28.77
20	14.37	21.28	38.44	28.78
30	14.38	21.30	38.48	28.80
40	14.38	21.31	38.49	28.81
50	14.36	21.30	38.48	28.81
60	14.35	21.32	38.51	28.84
70	14.35	21.33	38.53	28.86
2-3; 16 m; 1; 10 Ac, As, Cu, Ns; SE 5 m/sec; 996				
10.0; 7.5; 8.5; 70 %				

158 a (101)
43°58.7' N 14°07.8' E

m	t°C	Cl‰	Sal‰	σt
7. 8.1969. 1015-1117 71 m				
0	25.93	20.61	37.23	24.76
10	22.97	20.86	37.68	25.99
20	21.95	21.12	38.15	26.64
30	15.20	21.13	38.17	28.38
40	14.99	21.37	38.60	28.76
50	14.44	21.50	38.84	29.07
60	13.12	21.56	38.95	29.44
70	13.07	21.59	39.00	29.49
0; 23 m; 1; 0; 0; 1009				
25.6; 23.1; 26.4; 80 %				
23.12.1969. 1011-1039 73 m				
0	14.50	21.26	38.40	28.72
10	14.39	21.28	38.44	28.78
20	14.38	21.29	38.46	28.80
30	14.37	21.29	38.46	28.81
40	14.35	21.30	38.48	28.81
50	14.34	21.30	38.48	28.82
60	14.35	21.31	38.49	28.82
70	14.35	(21.24)	(38.37)	(28.73)
2-3; 16 m; 1; 10 Ac, As, Cu, Ns; E 5 m/sec; -;				
10.2; 8.0; 9.2; 74 %				

m	t°C	Cl‰	Sal‰	σt
2. 4.1970. 1216-1250 73 m				
0	12.46	20.90	37.75	28.65
10	12.50	20.97	37.88	28.73
20	12.42	20.98	37.90	28.77
30	12.34	21.03	37.99	28.86
40	12.02	21.03	37.99	28.92
50	12.00	21.16	38.22	29.11
60	12.00	21.17	38.24	29.12
70	11.96	21.18	38.26	29.14
1; 20 m; 2; 9 Ci, Cu, Ac; 0; 1000				
12.2; 3.8; 10.5; 74 %				
1.10.1969. 1359-1448 73 m				
0	21.96	20.46	36.96	25.72
10	22.20	20.97	37.88	26.36
20	19.24	21.33	38.53	27.68
30	16.01	21.33	38.53	28.46
40	14.73	21.48	38.80	28.97
50	14.47	21.51	38.86	29.08
60	14.34	21.58	38.98	29.13
70	13.38	21.60	39.02	29.44
1; 22 m; 1; 7 Cs, Ci; E 2 m/sec; 1010				
21.2; 18.6; 19.7; 78 %				
2. 4.1970. 1440-1452 73 m				
0	12.54	20.98	37.90	28.75
10	12.42	20.99	37.92	28.80
20	12.40	21.01	37.95	28.81
30	12.37	21.03	37.99	28.85
40	12.35	21.07	38.06	28.91
50	12.16	21.07	38.06	28.95
60	12.00	21.08	38.08	28.99
70	11.93	21.08	38.08	29.01
1; 22 m; 2; 8 Ac, Ci; SE 3 m/sec; 1000				
13.4; 10.2; 10.3; 67 %				

m	t°C	Cl‰	Sal‰	σt
28. 7.1970. 1745-1820 73 m				
0	23.60	21.21	38.31	26.28
10	22.30	21.22	38.33	26.67
20	16.20	21.27	38.42	28.34
30	15.50	21.32	38.51	28.58
50	13.70	21.33	38.53	29.00
70	13.55	21.36	38.58	29.06
1; 24 m; 2; 2/10 Cs; NW 2 m/sec; 1017				
23.4; 21.2; 23.7; 82 %				
23. 8.1970. 0810-0900 73 m				
0	25.10	21.39	38.64	26.08
10	24.96	21.42	38.69	26.16
20	21.92	21.45	38.75	27.10
30	16.76	21.48	38.80	28.50
50	14.73			
70	13.68	21.51	38.86	29.26
2; 26 m; -; 3/10 Ac; SW 5 m/sec; 1010				
22.8; 17.2; 15.9; 57 %				
158 b (101)				
43°59.7' N 14°07.8' E				
7. 8.1969. 1257-1340 73 m				
0	26.20	20.60	37.20	24.66
10	23.42	20.75	37.48	25.70
20	21.67	21.08	38.08	26.66
30	16.52	21.13	38.17	28.08
40	15.05	21.28	38.44	28.63
50	14.47	21.46	38.75	29.00
60	13.72	21.37	38.60	29.04
70	13.00	21.38	38.62	29.20
0; 23 m; 1; 0; 0; 1009				
26.3; 24.0; 28.3; 82 %				
1.10.1969. 1255-1340 73 m				
0	21.95	20.66	37.32	26.01
10	22.28	21.13	38.17	26.56
20	19.35	21.32	38.51	27.63
30	15.94	21.36	38.58	28.52
40	14.89	21.46	38.77	28.92
50	14.13	21.44	38.73	29.05
60	14.12	21.57	38.96	29.24
70	13.35	21.58	38.98	29.42
1; 23 m; 1; 8 C; E 2 m/sec; 1010				
21.0; 18.9; 20.3; 81 %				
23.12.1969. 0850-0918 73 m				
0	14.50	21.27	38.42	28.73
10	14.43	21.30	38.40	28.80
20	14.42	21.25	38.39	28.72
30	14.42	21.30	38.48	28.80
40	14.42	21.31	38.49	28.81
50	14.38	21.31	38.49	28.82
60	14.38	21.31	38.49	28.82
70	14.40	21.26	38.40	28.74
1-3; 17 m; 1; 10 Ac, As, Cu; SE 4-5 m/sec; 996				
9.9; 7.4; 8.6; 71 %				
2. 4.1970. 1205-1347 73 m				
0	12.54	20.96	37.86	28.72
10	12.48	20.98	37.90	28.76
20	12.38	20.98	37.90	28.78
30	12.46	21.03	37.99	28.84
40	12.50	21.11	38.13	28.93
50	12.18	21.09	38.10	28.97
60	12.10	21.12	38.15	29.02
70	11.90	21.13	38.17	29.08
1; 20 m; 2; 9 Ci, St, Ac; SE 3 m/sec; 1000				
13.1; 10.1; 10.2; 68 %				

159 (123)
43°05' N 16°07' E

29. 5.1970. 0630-0730 90 m

m	t°C	Cl‰	Sal‰	σt
0	17.35	21.24	38.37	28.02
10	16.83	21.31	38.49	28.35
20	16.37	21.32	38.51	28.38
30	16.19	21.39	38.64	28.52
50	15.15	21.41	38.68	28.79
75	14.75	21.51	38.86	29.02

2; 24 m; 1; 0; NW 3 m/sec; 1013
16.1; 13.0; 12.9; 71 %

26. 7.1970. 1410-1445 93 m

m	t°C	Cl‰	Sal‰	σt
0	22.54	21.28	38.44	26.69
10	21.35	21.31	38.49	27.06
20	16.85	21.34	38.55	28.30
30	16.26	21.44	38.73	28.57
50	15.44	21.43	38.71	28.74
75	15.05	21.46	38.77	28.88

3; 29 m; 2; 3/10 Cs, Ac; SW 4 m/sec; 1010
23.8; 20.4; 21.7; 74 %

30. 9.1970. 1446-1524 92 m

m	t°C	Cl‰	Sal‰	σt
0	21.54	21.26	38.40	26.95
10	21.34	21.30	38.48	27.06
20	18.64	21.34	38.55	27.84
30	17.67	21.35	38.57	28.10
50	16.32	21.35	38.57	28.43
75	15.45	21.44	38.73	28.76

1; 39 m; 2; 1/10 Cs; N 1 m/sec; 1022
18.6; 13.0; 11.2; 53 %

23. 6.1970. 1315-1337 91 m

m	t°C	Cl‰	Sal‰	σt
0	22.74	20.90	37.75	26.10
10	20.40	20.92	37.79	26.79
20	17.46	21.24	38.37	28.00
30	15.99	21.39	38.64	28.57
50	15.08	21.50	38.84	28.93
75	14.70	21.51	38.86	29.03

2; 32 m; 1; 0; SW 3 m/sec; 1018
23.6; 18.4; 17.7; 61 %

20. 8.1970. 1102-1137 91 m

m	t°C	Cl‰	Sal‰	σt
0	25.80	21.40	38.66	25.88
10	21.56	21.53	38.89	27.30
20	17.14	21.57	38.96	28.53
30	16.42	21.63	39.05	28.78
50	15.55	21.61	39.04	28.97
75	14.98			

2; 25 m; 2; 0; SE 7 m/sec; 1010
27.8; 20.4; 19.1; 51 %

4.11.1970. 1402-1435 92 m

m	t°C	Cl‰	Sal‰	σt
0	18.64	21.39	38.64	27.92
10	18.36	21.40	38.66	28.00
20	18.28	21.40	38.66	28.02
30	18.25	21.41	38.68	28.04
50	18.24	21.41	38.68	28.04
75	17.08	21.42	38.69	28.34

0; 23 m; 1; 3/10 Ac; 0; 1018
17.2; 14.4; 14.5; 74 %

160 (162)
42°57' N 15°34' E

24. 6.1970. 0845-0926 169 m

m	t°C	Cl‰	Sal‰	σt
0	22.45	21.18	38.26	26.58
10	20.44	21.24	38.37	27.22
20	17.71	21.33	38.53	28.06
30	16.10	21.35	38.57	28.48
50	14.65	21.38	38.62	28.86
75	13.15	21.38	38.53	29.12
100	12.77	21.33	38.53	29.19
150	11.68	21.34	38.55	29.43

0; 30 m; 1; 0; SW 1 m/sec; 1016
23.0; 20.6; 22.7; 81 %

21. 8.1970. 1120-1150

m	t°C	Cl‰	Sal‰	σt
0	26.00	21.31	38.49	25.68
10	21.56	21.33	38.53	27.04
20	17.70	21.56	38.95	28.39
30	17.62	21.55	38.93	28.40
50	15.54	21.58	38.98	28.83
75	14.85	21.61	39.04	29.14

2; 31 m; 1; 2/10 Ac; E 2 m/sec; 1005
26.4; 22.2; 24.0; -;

5.11.1970. 1025-1100

m	t°C	Cl‰	Sal‰	σt
0	18.06	21.35	38.57	28.00
10	18.02	21.36	38.58	28.03
20	17.36	21.36	38.58	28.18
30	17.26	21.37	38.60	28.22
50	15.54	21.38	38.62	28.66
75	15.06	21.40	38.66	28.80

0; 29 m; 1; 5/10 Cs; 0; 1018
18.1; 16.6; 17.5; 84 %

27. 7.1970. 0945-1020 135 m

m	t°C	Cl‰	Sal‰	σt
0	22.65	21.31	38.49	26.69
10	22.55	21.32	38.51	26.74
20	17.55	21.34	38.55	28.12
30	16.36	21.35	38.57	28.42
50	15.06	21.40	38.66	28.70
75	13.95	21.41	38.69	29.06

2; 29 m; 2; 0; N 3 m/sec; 1016
22.6; 17.4; 16.4; 60 %

5.10.1970. 1030-1105 158 m

m	t°C	Cl‰	Sal‰	σt
0	20.27	21.37	38.60	27.45
10	20.15	21.39	38.64	27.51
20	20.04	21.40	38.66	27.56
30	16.54	21.39	38.64	28.44
50	15.60	21.37	38.60	28.63
75	15.12	21.39	38.64	28.77

2; 38 m; 2; 3/10 Cs, Ac; SW 2 m/sec; 1016
19.6; 15.3; 14.4; 63 %

161 (124)
43°24' N 16°53.4' E

8. 9.1966. 1024-1117 33 m

m	t°C	Cl‰	Sal‰	σt
0	19.20	20.13	36.36	26.03
5	20.75	20.80	37.57	26.53
10	20.56	20.83	37.63	26.63
20	20.32	20.89	37.74	26.78
30	18.78	21.09	38.10	27.47
32	18.40	21.10	38.12	27.58

-; 24 m; -; 0; -; 1016

8. 9.1966. 1140-1210 38 m

m	t°C	Cl‰	Sal‰	σt
0	19.88	20.11	36.33	25.84
5	21.77	20.50	37.03	25.85
10	20.65	20.74	37.47	26.48
20	20.20	20.90	37.75	26.82
30	17.64	21.14	38.19	27.82
37	17.17	21.16	38.22	28.04

-; 24 m; -; 0; -; 1016

30. 3.1967. 1634-1733 38 m

m	t°C	Cl‰	Sal‰	σt
0	11.74	18.35	33.15	25.19
5	11.73	20.41	36.87	28.11
10	11.70	20.45	36.94	28.17
20	11.77	20.74	37.47	28.57
30	11.73	20.75	37.48	28.60
37	11.66	20.96	37.86	28.90

30. 3.1967. 1748-1831 34 m

m	t°C	Cl‰	Sal‰	σt
0	11.77	18.62	33.64	25.59
5	11.78	20.26	36.60	27.90
10	11.69	20.43	36.89	28.12
20	11.74	20.46	36.96	28.18
30	11.73	20.78	37.54	28.64
33	11.70	20.85	37.66	28.72

0; -; -; -; 0; 1

28. 9.1967. 1300-1355 34 m

m	t°C	Cl‰	Sal‰	σt
0	21.38	20.33	36.73	25.72
5	21.90	20.82	37.61	26.25
10	21.85	21.03	37.99	26.57
20	21.80	21.19	38.28	26.78
30	21.52	21.21	38.31	26.90
33	21.32	21.25	38.39	27.00

0; 22 m; 1; 0; 0; 1020

23.6; 21.4; 24.0; 82 %

28. 9.1967. 1405-1453 39 m

m	t°C	Cl‰	Sal‰	σt
0	23.22	20.31	36.69	25.16
5	21.62	20.83	37.63	26.34
10	21.84	21.01	37.95	26.52
20	21.82	21.16	38.22	26.74
30	21.47	21.27	38.42	26.98
37	21.40	21.29	38.46	27.03

0; 22 m; 1; 0; 0; 1020

23.6; 21.4; 24.0; 82 %

m	t°C	Cl‰	Sal‰	σt	m	t°C	Cl‰	Sal‰	σt

162 (124) MAKARSKA
43°23.8' N 16°53.4' E

8. 9.1966. 1735-1850 67 m

0	22.97	20.48	37.00	25.48
5	22.05	20.58	37.18	25.88
10	21.95	20.69	37.38	26.06
20	21.11	20.90	37.75	26.57
30	18.15	21.06	38.04	27.58
40	16.27	21.14	38.19	28.15
50	14.93	21.15	38.21	28.48
64	14.35	21.17	38.24	28.63

0; -; -; 0; 0; 1016
24.1; 18.1; 16.7; 56 %

20. 3.1967. 1355-1515 70 m

0	11.87	19.17	34.63	26.34
5	11.96	19.77	35.71	27.17
10	11.90	20.28	36.64	27.90
20	11.67	20.66	37.32	28.47
30	11.70	20.74	37.47	28.58
40	11.65	20.87	37.70	28.76
50	11.41	20.87	37.70	28.81
64	11.38	20.94	37.83	28.93

0; 17 m; 1; -; 0; 1017
12.4; 11.0; 12.1; 85 %

29. 9.1967. 0927-1047 71 m

0	22.64	20.82	37.61	26.03
5	22.65	20.83	37.63	26.10
10	21.93	20.86	37.68	26.28
20	22.01	21.00	37.94	26.47
30	21.53	21.07	38.06	26.68
40	21.28	21.09	38.10	26.79
50	17.70	21.13	38.17	27.78
65	14.70	21.21	38.31	28.60

0; 29 m; 1; 0; SE 2 m/sec; 1020

163 (133) PODGORA
43°13.3' N 17°06.3' E

9. 9.1966. 1230-1325 52 m

0	22.72	19.93	36.00	24.79
5	22.57	20.13	36.36	25.12
10	22.03	20.59	37.19	25.89
20	19.95	21.09	38.10	27.16
30	17.52	21.23	38.35	27.99
40	16.35	21.28	38.44	28.33
50	15.53	21.29	38.46	28.54

-; 21 m; -; -; -; 1015
25.3; 21.1; 22.1; 69 %

31. 3.1967. 1355-1442 52 m

0	12.44	18.84	34.04	25.77
5	12.18	19.67	35.53	27.00
10	12.14	20.25	36.58	27.81
20	12.14	20.78	37.54	28.56
30	11.76	20.88	37.72	28.76
40	11.86	20.91	37.77	28.79
50	11.57	20.93	37.81	28.87

2; -; -; -; SE 5 m/sec; 1012
13.4; 11.2; 11.9; 77 %

m	t°C	Cl‰	Sal‰	σt

29. 9.1967. 1333-1438 52 m

0	23.22	19.72	35.62	24.35
5	22.50	20.09	36.29	25.06
10	22.54	20.62	37.25	25.78
20	22.19	20.79	37.56	26.12
30	21.88	20.82	37.61	26.26
40	21.37	21.02	37.97	26.67
50	17.88	21.15	38.21	27.78

0; 27 m; 1; 0; 0; 1019

25.3; 21.3; 22.8; 70 %

165 (24)

45°08.1' N 13°35' E

19. 7.1965. 1100-1120 34 m

0	23.90	19.72	35.62	24.16
10	21.80	20.61	37.23	25.98
28	17.63	20.69	37.38	27.20

1; 18 m; 2; 0; NW 3 m/sec; 1015

166 (24)

45°07.6' N 13°37' E

19. 7.1965. 1335-1355

0	24.10	19.94	36.02	24.40
10	22.90	20.60	37.21	25.94
29	18.22	20.82	37.61	27.24

2; 22.5 m; 2; 0; NW 3 m/sec; 1015

167 (24)

45°06' N 13°33.5' E

23. 7.1965. 0920-0940 32 m

0	24.72	20.02	36.17	24.34
10	21.83	20.72	37.43	26.13
30	12.50	20.89	37.74	28.63

168 (24)

45°047.7' N 13°32.2' E

23. 7.1965. 0810-0835 32 m

0	24.15	19.99	36.11	24.45
10	22.20	20.72	37.43	26.02
31	17.42	20.86	37.68	27.49

169 (24)

45°04' N 13°31' E

24. 7.1965. 1725-1745

0	24.20	20.06	36.24	24.74
10	21.91	20.66	37.32	26.02
16	18.00	20.86	37.68	27.34

170 (24)

45°04.5' N 13°33.9' E

24. 7.1965. 1645-1705

0	25.10	19.77	35.71	23.87
10	22.05	20.76	37.50	26.12
30	16.83	20.92	37.79	27.71

m	t°C	Cl‰	Sal‰	σt
171 (24)				
45°01.1'N 13°35.8'E				
24. 7.1965. 1620–1625				
0	24.22	19.88	35.91	24.28
10	22.70	20.64	37.29	25.77
28	14.55	20.86	37.68	28.15
172 (24)				
45°03'N 13°34'E				
24. 7.1965. 1210–1235				
0	24.68	19.68	35.55	23.88
10	22.75	20.70	37.39	25.83
30	17.60	20.91	37.77	27.51
173 (24)				
45°02.5'N 13°39.2'E				
0	25.15	19.89	35.93	24.01
10	22.06	20.65	37.30	25.96
29	16.46	20.86	37.68	27.72
174 (24)				
45°02.3'N 13°40.6'E				
0	25.15	19.89	35.93	24.02
10	22.06	20.65	37.30	25.96
29	16.46	20.86	37.68	27.71

T a b l e A 3

Resultant currents (24 h) at Station 9 - Stončica (depth 110 m)

Date		Direction			Velocity		Note
		Degrees	Compass	point	cm/s	knots	
Surface							
25 - 26 March	1967	315	NW	7	0.14		
26 - 27 June	1967	280	W	5	0.11		
10 - 11 September	1967	235	SW	6	0.12		
9 - 10 October	1967	323	NW	3	0.05		
10 - 11 November	1967	277	W	4	0.08		12 h
19 December	1967	3	N	9	0.17		16 h
16 - 17 Januar	1968	286	W	21	0.41		
16 - 17 February	1968	347	N	14	0.28		
17 - 18 March	1968	337	NW	18	0.34		
17 - 18 April	1968	319	NW	12	0.23		
16 - 17 May	1968	253	W	16	0.31		
20 - 21 June	1968	260	W	24	0.46		
23 - 24 July	1968	84	E	5	0.10		17 h
15 - 16 August	1968	257	W	11	0.22		
28 - 29 September	1968	12	N	15	0.30		23 h
15 - 16 October	1968	52	NE	12	0.23		
12 - 13 November	1968	126	SE	18	0.34		23 h
20 - 21 December	1968	259	W	11	0.21		23 h
22 - 23 January	1969	164	S	10	0.19		
25 - 26 February	1969	310	NW	20	0.38		
21 - 26 March	1969	26	NE	14	0.28		22 h
10 - 11 April	1969	353	W	9	0.17		
12 - 13 May	1969	187	S	4	0.08		
17 - 18 June	1969	272	W	14	0.27		
16 - 17 July	1969	45	NE	14	0.27		
14 - 15 August	1969	34	NE	7	0.14		
9 - 10 September	1969	76	E	6	0.12		
7 - 8 October	1969	360	N	9	0.18		
3 - 4 November	1969	34	NE	13	0.25		
15 December	1969	114	E	14	0.27		12 h
20 - 21 January	1970	13	N	24	0.46		
12 February	1970	315	NW	18	0.35		13 h
27 March	1970	312	NW	16	0.31		12 h
23 - 24 April	1970	322	NW	18	0.34		
13 - 14 May	1970	292	W	3	0.05		
12 - 13 June	1970	246	SW	6	0.12		
7 - 8 July	1970	37	NE	5	0.10		
11 - 12 August	1970	220	SW	9	0.17		
7 - 8 September	1970	135	SE	2	0.04		
6 - 7 October	1970	339	N	7	0.14		
7 - 8 November	1970	292	W	8	0.16		
17 - 18 December	1970	349	N	5	0.10		

Tabla A 3 - continued

Date		Direction		Velocity		Note
		Degrees	Compass point	cm/s	knots	
50 - meter depth						
25 - 26 March	1967	264	W	5	0,09	
26 - 27 June	1967	323	NW	5	0.10	
10 - 11 September	1967	360	N	8	0.16	
9 - 10 October	1967	173	S	4	0.08	
10 - 11 November	1967	4	N	14	0.29	12 h
19 December	1967	20	N	15	0.30	16 h
16 - 17 January	1968	280	W	19	0.36	
16 - 17 February	1968	331	NW	17	0.33	
17 - 18 March	1968	308	NW	14	0.29	
17 - 18 April	1968	357	N	10	0.19	
16 - 17 May	1968	184	S	8	0.15	
20 - 21 June	1968	309	NW	7	0.14	
23 - 24 July	1968	133	SE	10	0.19	17 h
15 - 16 August	1968	345	N	8	0.16	
28 - 29 September	1968	227	SW	8	0.16	23 h
15 - 16 October	1968	52	NE	6	0.11	
12 - 13 November	1968	336	NW	5	0.10	23 h
20 - 21 December	1968	312	NW	14	0.27	23 h
22 - 23 January	1969	321	SW	13	0.26	
25 - 26 February	1969	319	NW	14	0.28	
21 - 22 March	1969	57	NE	20	0.38	22 h
10 - 11 April	1969	40	NE	4	0.08	
12 - 13 May	1969	86	E	14	0.29	
17 - 18 June	1969	315	NW	1	0.01	
16 - 17 July	1969	307	NW	8	0.15	
14 - 15 August	1969	328	NW	8	0.15	
9 - 10 September	1969	45	NE	1	0.01	
7 - 8 October	1969	90	E	3	0.06	
3 - 4 November	1969	27	NE	20	0.38	
15 December	1969	117	E	15	0.30	12 h
20 - 21 January	1970	32	NE	21	0.40	
12 February	1970	324	NW	16	0.31	13 h
27 March	1970	298	NW	11	0.21	12 h
23 - 24 April	1970	292	W	27	0.53	
13 - 14 May	1970	248	W	3	0.05	
12 - 13 June	1970	318	NW	8	0.15	
7 - 8 July	1970	72	E	7	0.13	
11 - 12 August	1970	308	NW	8	0.16	
7 - 8 September	1970	342	N	7	0.13	
6 - 7 October	1970	317	NW	11	0.22	
7 - 8 November	1970	315	NW	6	0.11	
17 - 18 December	1970	261	W	3	0.06	

Table A 3 - continued

Date		Direction		Velocity		Note
		Degrees	Compass point	cm/s	knots	
100 - meter depth						
25 - 26 March	1967	270	W	6	0.12	
26 - 27 June	1967	350	N	12	0.23	
10 - 11 September	1967	349	N	13	0.25	
9 - 10 October	1967	201	S	4	0.09	
10 - 11 November	1967	216	SE	7	0.14	12 h
19 December	1967	348	N	13	0.24	16 h
16 - 17 January	1968	283	W	14	0.27	
16 - 17 February	1968	332	NW	18	0.36	
17 - 18 March	1968	301	NW	16	0.31	
17 - 18 April	1968	354	N	5	0.10	
16 - 17 May	1968	349	N	3	0.05	
20 - 21 June	1968	225	SW	3	0.06	
23 - 24 July	1968	250	W	8	0.15	17 h
15 - 16 August	1968	311	NW	10	0.20	
28 - 29 September	1968	185	S	11	0.21	23 h
15 - 16 October	1968	187	S	4	0.08	
12 - 13 November	1968	5	N	6	0.12	23 h
20 - 21 December	1968	288	W	10	0.20	23 h
22 - 23 January	1969	231	SW	7	0.14	
25 - 26 February	1969	315	NW	8	0.16	
21 - 22 March	1969	17	N	20	0.38	22 h
10 - 11 April	1969	360	N	3	0.06	
12 - 13 May	1969	79	E	13	0.25	
17 - 18 June	1969	360	N	7	0.14	
16 - 17 July	1969	345	N	6	0.11	
14 - 15 August	1969	15	N	6	0.11	
9 - 10 September	1969	360	N	3	0.05	
7 - 8 October	1969	90	E	1	0.02	
3 - 4 November	1969	323	NW	5	0.10	
15 December	1969	92	E	13	0.26	
20 - 21 January	1970	28	NE	20	0.38	
12 February	1970	334	NW	19	0.37	13 h
27 March	1970	284	W	6	0.12	12 h
23 - 24 April	1970	182	S	9	0.17	
13 - 14 May	1970	234	SW	11	0.22	
12 - 13 June	1970	280	W	6	0.11	
7 - 8 July	1970	45	NE	5	0.10	
11 - 12 August	1970	308	NW	8	0.16	
7 - 8 September	1970	7	N	4	0.08	
6 - 7 October	1970	239	SW	6	0.12	
7 - 8 November	1970	27	NE	2	0.04	
17 - 18 December	1970	287	W	5	0.10	

Table A 4

Resultant currents (24 h) at Station 10 - Sušac (depth 135 m)

Date		Direction		Velocity		Note
		Degrees	Compass point	cm/s	knots	
Surface						
26 - 27 March	1967	329	NW	15	0.29	
24 - 25 June	1967	40	NE	8	0.16	
8 - 9 September	1967	323	NW	21	0.40	
14 - 15 March	1968	5	N	18	0.35	18 h
18 - 19 June	1968	302	NW	28	0.54	
24 - 25 September	1968	337	NW	25	0.48	13 h
22 - 23 December	1968	14	N	15	0.30	
50 - meter depth						
26 - 27 March	1967	307	NW	10	0.20	
24 - 25 June	1967	45	NE	5	0.10	
8 - 9 September	1967	320	NW	13	0.25	
14 - 15 March	1968	57	NE	9	0.17	18 h
18 - 19 June	1968	275	W	18	0.36	
24 - 25 September	1968	328	NW	11	0.22	13 h
22 - 23 December	1968	5	N	12	0.23	
100 - meter depth						
26 - 27 March	1967	304	NW	11	0.22	
24 - 25 June	1967	3	N	3	0.05	
8 - 9 September	1967	293	NW	7	0.15	
14 - 15 March	1968	351	N	6	0.12	18 h
18 - 19 June	1968	282	NW	19	0.38	
24 - 25 September	1968	352	N	4	0.07	13 h
22 - 23 December	1968	360	N	12	0.23	

Table A 5

Resultant currents (24 h) at Station 11 (depth 175 m)

Date		Direction Degrees	Compass point	Velocity cm/s	knots	Note
Surface						
16 - 17 March	1969	325	NW	36	0.70	22 h
14 - 15 June	1969	64	NE	13	0.25	
6 - 7 September	1969	275	W	12	0.23	
13 - 14 December	1969	292	W	25	0.48	
13 April	1970	62	NE	8	0.15	12 h
8 - 9 June	1970	23	NE	17	0.33	
4 - 5 September	1970	338	N	3	0.05	
12 - 13 December	1970	281	W	13	0.26	
50 meter depth						
16 - 17 March	1969	319	NW	30	0.57	22 h
14 - 15 June	1969	85	E	6	0.12	
6 - 7 September	1969	216	SW	5	0.09	
13 - 14 December	1969	283	W	19	0.37	
13 April	1970	51	NE	3	0.06	12 h
8 - 9 June	1970	9	N	3	0.06	
4 - 5 September	1970	263	W	8	0.16	
12 - 13 December	1970	263	W	13	0.26	
100 - meter depth						
16 - 17 March	1969	318	NW	29	0.55	22 h
14 - 15 June	1969	106	E	8	0.15	
6 - 7 September	1969	79	E	5	0.10	
13 - 14 December	1969	290	W	12	0.23	
13 April	1970	76	E	6	0.12	12 h
8 - 9 June	1970	6	N	5	0.10	
4 - 5 September	1970	279	W	3	0.06	
12 - 13 December	1970	266	W	7	0.13	

Table A 6

Resultant currents (24 h) at Station 70 b (depth 62 m)

Date		Direction		Velocity		Note
		Degrees	Compass point	cm/s	knots	
Surface						
7 - 8 August	1969	140	SE	13	0.24	
3 - 4 October	1969	155	SE	16	0.31	
24 - 25 December	1969	285	W	6	0.12	
29 - 30 March	1970	259	W	8	0.15	
30 meter depth						
7 - 8 August	1969	276	W	5	0.10	
3 - 4 October	1969	238	SW	5	0.10	
24 - 25 December	1969	315	NW	5	0.10	
29 - 30 March	1970	249	SW	7	0.14	
58 meter depth						
7 - 8 August	1969	281	W	11	0.21	
3 - 4 October	1969	141	SE	11	0.21	
24 - 25 December	1969	320	NW	4	0.08	
29 - 30 March	1970	207	SW	2	0.04	

T a b l e A 7

Resultant currents (24 h) at Station 158 a (depth 71 m)

Date			Direction		Velocity		Note
			Compass point	Degrees	cm/s	knots	
Surface							
6 - 7	August	1969	NW	321	7	0.14	
1 - 2	October	1969	NW	337	4	0.08	
23 - 24	December	1969	SW	243	5	0.10	
2 - 3	April	1970	S	187	4	0.08	20 h
30 meter depth							
6 - 7	August	1969	NW	320	4	0.08	
1 - 2	October	1969	NW	301	6	0.12	
23 - 24	December	1969	SW	232	4	0.17	
2 - 3	April	1970	S	209	7	0.14	20 h
68 meter depth							
6 - 7	August	1969	SE	135	2	0.03	
1 - 2	October	1969	N	342	3	0.06	
23 - 24	December	1969	W	256	2	0.04	
2 - 3	April	1970	SW	215	6	0.12	20 h

Table A 8

Experiments with drift-bottles

No. of bottle	Liberation station	Date of liberation	Recovery position (approsimate)	Date of recovery	Number of days between the liberation and the recovery	Shortest distance of drift in miles	Approximate speed in knots	Finder
4	15	16. VI 1968.	Gallipolli 40°03'N 17°58'E	26.VIII 1968.	72	185	0.11	Giovanni Vinci, Parabita (Lecce)
15	13	17. VI 1968.	Ferruzzano (R.C.) 38°10'N 15°40'E	18.VIII 1968.	63	375	0.25	Nunziato Alberto, Ferruzzano (R.C.)
20	13	17. VI 1968.	O. Lastovo-Pasadur 42°46'N 16°50'E	17. II 1969.	246	47	too long delay	Crnić Petar, Lastovo
30	11	18. VI 1968.	O.Hvar-Sućuraj 43°7'N 17°10'E	24. IX 1968.	99	59	0.03	Pavlović Nikola, Sućuraj (O.Hvar)
37	9	21. VI 1968.	Brindizi 40°39'N 17°58'E	8. XII 1968.	175	158	0.04	Barbara Nicola, Carovigno
39	9	21. VI 1968.	Ischitella (Mt. Gargano) 41°56'N 15°51'E	15.VIII 1968.	56	70	0.05	Vicenzo Jacovangelo, Ischitella
40	9	21. VI 1968.	O. Sv. Andrija 43°01'N 15°42'E	10. III 1969.	too long delay	26	-	Zanki Ante, O.Sv.Andrija
44	15	19. IX 1968.	Meledugno (Otranto) Torre Dorso 40°16'N 18°26'E	29. X 1968.	41	115	0.15	Palano Nicola, Martino (Lecce)
50	15	19. IX 1968.	Catanzaro 38°46'N 16°50'E	26. I 1969.	130	220	0.07	Zoleo Francesco, Catanzaro
57	11	20. IX 1968.	O.Kasela-Kornati 43°44'N 15°23'E	14. X 1968.	25	80	0.13	Božikov Mira, Murter

Table A 8 - continued

No.of bottle	Liberation station	Date of liberation	Recovery position (approsimate)	Date of recovery	Number of days between the liberation and the recovery	Shortest distance of drift in miles	Approximate speed in knots	Finder
87	9	29. IX 1968.	S. Cataldo di Lecce 40°23'N 18°18'E	27. XI 1968.	60	184	0.13	Negro Pasquale, Struda (lecce)
100	15	12. III 1969.	Dugi otok, Veli Rat 44°09'N 14°49'E	25. V 1969.	70	175	0.10	Mirković Ljubomir, Dugi otok, Veli Rat
114	13	17. III 1969.	O. Mljet 42°47'N 17°22'E	8. V 1969.	53	67	0.05	Hajdić Joško, Govedjari Mljet
99	15	12. III 1969.	O. Rava 44°01'N 15°03'E	29. V 1969.	79	165	0.09	Bobić Ljiljana, O. Rava - Zadar
151	11	14. VI 1969.	Mola di Bari (BA) 41°03,6'N 17°06'E	17. VII 1969.	33	100	0.13	Fanelli Gaetano, Mola di Bari
155	11	14. VI 1969.	Margherita di Savoia 41°22,5'N 16°09'E	7.VIII 1969.	54	75	0.06	Mulo Antonio, Milano
53	11	20. IX 1968.	Slisele (Cantanzaro) 39°46'N 16°50'E	25.VIII 1969.	237	290	0.05	Pettinato Mario, Catanzaro
101	11	16. III 1969.	Rimini 44°04'N 12°34'E	1. VII 1969.	107	175	0.07	R.J.Sheridan, Walton on Thames, Surrey
107	11	16. III 1969.	Pesaro 43°55'N 12°56'E	5. VI 1969.	81	160	0.08	Dragomanni T., Pesaro
218	3	2. IV 1970.	Isola Varano (Capoiale) 41°55,2'N 15°40'E	19. V 1970.	47	150	0.13	Giovanni Ferrandino, Sannicardo Gargano
168	9	18. VI 1969.	O.Vis (Postražje) 43°02'N 16°15'E	23. VI 1969.	6	3	0.02	Prošper Vojković, Podstražje (O. Vis)
90	9	29. IX 1968.	Brindisi 40°39'N 17°58'E	21. VII 1969.	too long delay	117	-	Tarchione Nino, Brindisi

Table A 8 - continued

No. of bottle	Liberation station	Date of liberation	Recovery position (approsimate)	Date of recovery	Number of days between the liberation and the recovery	Shortest distance of drift in miles	Approximate speed in knots	Finder
103	11	16. III 1969.	Torre Canne (Fasano) 40°50,6'N 17°28,5'E	17. VII 1969.	124	122	0.04	Anna Marangi, Ostuni
224	13	11. IV 1970.	S. Cataldo (Lecce) 40°23,4'N 18°18,4'E	14. VII 1970.	94	142	0.06	Montinara Luigi, Merine(Lecce)
215	3	9. III 1970.	Porto Cesareo (Lecce)	30. VI 1970.	113	310	0.11	Gabry Marini, Monteroni (Lecce)
320	3	15. XII 1970.	Chieuti Scalo (FG) 41°56'N 15°06'E	5. II 1971.	52	70	0.06	Dambra Gaetano, Chieuti Scalo (FG)
219	3	9. III 1970.	Laghi Almini (Lecce) 40°12'N 18°27'E	12. VI 1970.	95	240	0.11	Passeri Giovanna, Rimin (Forli)
161	3	16. VI 1969.	Santo Spirito (Bari) 40°59,6'N 16°45'E	16. VII 1969.	30	140	0.20	Palermo Savino, S. Spirito (Bari)
71	3	23. IX 1968.	Torre Mileto (Sannicardo Garganico) 41°55,7'N 15°37'E	7.VIII 1969.	too long delay	90	-	Martiono Anna, S. Nicardo Garganico (FG)
166	3	16. VI 1969.	Pesaro 43°55,5'N 12°54'E	15. XII 1969.	182	110	0.03	Brega Walter, Pesaro
187	3	8. IX 1969.	Monasterace M (R.C.) 38°27'N 16°30'E	22. X 1969.	44	370	0.35	Spano Giuseppe, Monasterace Mar. (R.C.)
280	3	6. IX 1970.	Foce Varano (FG) 41°55'N 15°48°E	29. IX 1970.	23	75	0.13	Giuseppe D'Avolio, Vico del Gargano
240	13	11. VI 1970.	Brindisi 40°39'N 17°58'E	29. VI 1970.	18	130	0.30	Raimondo Settimo, Brindisi
242	13	11. VI 1970.	Catania 37°30'N 15°05'E	18. X 1970.	129	430	0.14	Asti Pietro, Catania

Table A 8 - continued

No.of bottle	Liberation station	Date of liberation	Recovery position (approsimate)	Date of recovery	Number of days between the liberation and the recovery	Shortest distance of drift in miles	Aproximate speed in knots	Finder
117	13	17. II 1969.	Marina di Torre Cesarea (Lecce) 40°15'N 17°50'E	14. IX 1969.	181	230	0.05	Migliatta Ruggero, Lecce
146	13	13. VI 1969.	Brindisi 40°39'N 17°58'E	29. VI 1969.	16	125	0.03	Natali Giuseppe, Brindisi
246	13	11. VI 1970.	Brindisi 40°39'N 17°58'E	28. VII 1970.	47	125	0.11	Marra Mario, Brindisi
263	13	3. IX 1970.	Brindisi 40°39'N 17°58'E	16. X 1970.	43	125	0.12	Pinto Francesco, Fasano (BR)
137	15	12. VI 1969.	Siracusa 37°05'N 15°19'E	9. XI 1969.	150	360	0.10	Presti Domenico, Priolo (SR)
97	15	12. III 1969.	Torre Squillace (Lecce) 40°10'N 17°55'E	17.VIII 1969.	158	185	0.05	Doremi Pinccia, Copertino (Lecce)

Table A 9 - continued

Depth (m)	Cl_p	Cl_s	Cl_b	x	Renewal time (months) 1/3x
Mean				.19	1.7
	Sep.	Oct.			
0	21.27	21.25	19.40	.01	33.3
10	21.35	21.28	19.40	.03	11.1
20	21.38	21.30	19.40	.04	8.3
30	21.40	21.33	19.40	.03	11.1
40	21.41	21.35	19.40	.02	16.6
50	21.44	21.35	19.40	.04	8.3
60	21.45	21.36	19.40	.04	8.3
80	21.46	21.37	19.40	.04	8.3
100	21.48	21.41	19.40	.03	11.1
Mean				.03	11.1
	Oct.	Nov.			
0	21.25	21.31	21.60	.17	1.9
10	21.28	21.33	21.60	.15	2.1
20	21.30	21.35	21.60	.16	2.1
30	21.33	21.37	21.60	.14	2.3
40	21.35	21.38	21.60	.12	2.7
50	21.35	21.39	21.60	.16	2.1
60	21.36	21.40	21.60	.16	2.1
80	21.37	21.40	21.60	.13	2.5
100	21.41	21.42	21.60	.05	6.7
Mean				.13	2.5
	Nov.	Dec.			
0	21.31	21.29	19.40	.01	33.3
10	21.33	21.32	19.40	.00	∞
20	21.35	21.33	19.40	.01	33.3
30	21.37	21.33	19.40	.02	16.6
40	21.38	21.34	19.40	.02	16.6
50	21.39	21.35	19.40	.02	16.6
60	21.40	21.35	19.40	.02	16.6
80	21.40	21.37	19.40	.01	33.3
100	21.42	21.40	19.40	.00	∞
Mean				.01	33.3

T a b l e A 10

Water renewal calculation Station 25 (Kaštela Bay) - mean values
1965 - 1970

Min. Cl_b = 19.00 ‰ = 34.33 ‰ Sal.
Max. Cl_b = 21.30 ‰ = 38.48 ‰ Sal.

Depth (m)	Cl_p	Cl_s	Cl_b	x	Renewal time (months) 1/3x
	Jan.	Feb.			
0	19.53	19.25	19.00	.52	0.6
10	20.39	20.27	19.00	.08	4.0
20	20.64	20.65	21.30	.01	33.3
30	20.87	20.81	19.00	.03	11.1
35	20.99	20.91	19.00	.04	8.3
Mean				.06	5.6
	Feb.	March			
0	19.25	19.63	21.30	.18	1.9
10	20.27	20.12	19.00	.11	3.0
20	20.65	20.31	19.00	.20	1.7
30	20.81	20.61	19.00	.11	3.0
35	20.91	20.80	19.00	.05	6.7
Mean				.13	2.6
	March	April			
0	19.63	18.99	19.00	1.01	0.3
10	20.12	20.13	21.30	.00	∞
20	20.31	20.44	21.30	.13	2.6
30	20.61	20.66	21.30	.07	4.8
35	20.80	20.88	21.30	.16	2.1
Mean				.27	1.2
	April	May			
0	18.99	19.11	21.30	.05	6.7
10	20.13	20.39	21.30	.22	1.5
20	20.44	20.74	21.30	.34	1.0
30	20.66	20.81	21.30	.23	1.4
35	20.88	20.87	19.00	.00	∞
Mean				.16	2.1
	May	June			
0	19.11	19.08	19.00	.27	1.2
10	20.39	20.32	19.00	.05	6.7
20	20.74	20.85	21.30	.19	1.8
30	20.81	20.98	21.30	.34	1.0
35	20.87	21.04	21.30	.39	0.9
Mean				.24	1.4
	June	July			
0	19.08	20.35	21.30	.57	0.6
10	20.32	20.76	21.30	.44	0.7
20	20.85	20.96	21.30	.24	1.4
30	20.98	21.02	21.30	.12	2.8
35	21.04	21.06	21.30	.07	4.8
Mean				.28	1.3

Table A 10 - continued

Depth (m)	Cl_p	Cl_s	Cl_b	x	Renewal time (months) 1/3x
	July	Aug.			
0	20.35	20.00	19.00	.25	1.3
10	20.76	20.65	19.00	.06	5.6
20	20.96	21.07	21.30	.32	1.4
30	21.02	21.14	21.30	.42	0.8
35	21.06	21.17	21.30	.45	0.7
Mean				.30	1.1
	Aug.	Sep.			
0	20.00	19.79	19.00	.21	1.6
10	20.65	20.63	19.00	.01	33.3
20	21.07	20.95	19.00	.05	6.7
30	21.14	21.09	19.00	.02	16.7
35	21.17	21.12	19.00	.02	16.7
Mean				.06	5.6
	Sep.	Oct.			
0	19.79	20.10	21.30	.20	1.7
10	20.63	20.61	19.00	.01	33.3
20	20.95	20.94	19.00	.00	
30	21.09	21.09	19.00	.00	
35	21.12	21.16	21.30	.22	1.5
Mean				.08	4.2
	Oct.	Nov.			
0	20.10	20.10	19.00	.00	∞
10	20.61	20.61	19.00	.00	∞
20	20.94	20.87	19.00	.03	11.1
30	21.09	20.97	19.00	.05	6.7
35	21.16	21.00	19.00	.07	4.8
Mean				.03	11.1
	Nov.	Dec.			
0	20.10	19.86	19.00	.21	1.6
10	20.61	20.35	19.00	.16	2.1
20	20.87	20.82	19.00	.02	16.7
30	20.97	20.99	21.30	.06	5.6
35	21.00	21.05	21.30	.16	2.1
Mean				.12	2.8

T a b l e A 11

Water renewal calculation for Station 9 (Stončica) monthly values
1967 - 1968

Min. Cl_b = 19.40 ‰ = 35.05 ‰ Sal.
Max. Cl_b = 21.60 ‰ = 39.02 ‰ Sal.

Depth (m)	Cl_p	Cl_s	Cl_b	x	Renewal time (months) 1/3x
	29.12.67.	17. 1.68.			
0	21.44	21.46	21.60	.12	2.8
10	21.46	21.46	19.40	.00	∞
20	21.47	21.47	19.40	.00	∞
30	21.47	21.48	21.60	.07	4.8
50	21.49	21.48	19.40	.00	∞
75	21.49	21.49	19.40	.00	∞
100	21.50	21.49	19.40	.00	∞
Mean				.01	33.3
	17. 1.68.	16. 2.68.			
0	21.46	21.39	19.40	.03	11.1
10	21.46	21.43	19.40	.01	33.3
20	21.47	21.44	19.40	.01	33.3
30	21.48	21.44	19.40	.01	33.3
50	21.48	21.46	19.40	.00	∞
75	21.49	21.49	19.40	.00	∞
100	21.49	21.50	21.60	.09	3.7
Mean				.02	16.7
	16. 2.68.	17. 3.68.			
0	21.39	21.42	21.60	.14	2.4
10	21.43	21.43	19.40	.00	∞
20	21.44	21.44	19.40	.00	∞
30	21.44	21.45	21.60	.06	5.6
50	21.46	21.45	19.40	.00	∞
75	21.49	21.44	19.40	.02	16.7
100	21.50	21.44	19.40	.02	16.7
Mean				.03	11.1
	17. 3.68.	18. 4.68.			
0	21.42	21.17	19.40	.12	2.8
10	21.43	21.23	19.40	.09	3.7
20	21.44	21.30	19.40	.06	5.6
30	21.45	21.31	19.40	.06	5.6
50	21.45	21.43	19.40	.05	6.7
75	21.44	21.36	19.40	.03	11.1
100	21.44	21.43	19.40	.00	∞
Mean				.05	6.7

Table A 11 - continued

Depth(m)		Cl_p	Cl_s	Cl_b	x	Renewal time (months) 1/3x
		18. 4.68.	17. 5.68.			
0		21.17	20.92	19.40	.14	2.4
10		21.23	20.94	19.40	.15	2.2
20		21.30	21.27	19.40	.01	33.3
30		21.31	21.32	21.60	.03	11.1
50		21.34	21.38	21.60	.15	2.2
75		21.36	21.39	21.60	.12	2.8
100		21.43	21.39	19.40	.01	33.3
	Mean				.08	6.5
		17. 5.68.	20. 6.68.			
0		20.92	20.86	19.40	.03	11.1
10		20.94	21.30	21.60	.54	0.6
20		21.27	21.38	21.60	.33	1.0
30		21.32	21.40	21.60	.28	1.3
50		21.38	21.46	21.60	.36	0.9
75		21.39	21.46	21.60	.33	1.0
100		21.39	21.48	21.60	.42	0.8
	Mean				.32	1.0
		20. 6.68.	24. 7.68.			
0		20.86	21.21	21.60	.47	0.7
10		21.30	21.22	19.40	.04	8.3
20		21.38	21.48	21.60	.45	0.7
30		21.40	21.50	21.60	.50	0.7
50		21.46	21.50	21.60	.28	1.3
75		21.46	21.51	21.60	.35	0.9
100		21.48	21.51	21.60	.25	1.3
	Mean				.33	1.0
		24. 7.68.	15. 8.68.			
0		21.21	21.38	21.60	.43	0.8
10		21.22	21.44	21.60	.57	0.6
20		21.48	21.45	19.40	.01	33.3
30		21.50	21.45	19.40	.02	16.7
50		21.50	21.47	19.40	.01	33.3
75		21.51	21.50	19.40	.00	∞
100		21.51	21.54	21.60	.33	1.0
	Mean				.19	1.8
		15. 8.68.	26. 9.68.			
0		21.38	21.53	21.60	.68	0.5
10		21.44	21.53	21.60	.56	0.6
20		21.45	21.54	21.60	.60	0.6
30		21.45	21.56	21.60	.73	0.5
50		21.47	21.57	21.60	.76	0.4
75		21.50	21.58	21.60	.80	0.4
100		21.54	21.58	21.60	.66	0.5
	Mean				.68	0.5

T a b l e A 11 - continued

Depth (m)	Cl_p	Cl_s	Cl_b	x	Renewal time (months) 1/3x
	26. 9.68.	16.10.68.			
0	21.53	21.41	19.40	.05	6.7
10	21.53	21.42	19.40	.05	6.7
20	21.54	21.43	19.40	.05	6.7
30	21.56	21.53	19.40	.01	33.3
50	21.57	21.53	19.40	.01	33.3
75	21.58	21.55	19.40	.01	33.3
100	21.58	21.56	19.40	.00	∞
Mean				.02	16.7
	16.10.68.	13.11.68.			
0	21.41	21.17	19.40	.11	3.0
10	21.42	21.21	19.40	.10	3.3
20	21.43	21.25	19.40	.08	4.0
30	21.53	21.31	19.40	.10	3.3
50	21.53	21.38	19.40	.07	4.8
75	21.55	21.41	19.40	.06	5.6
100	21.56	21.44	19.40	.05	6.7
Mean				.08	4.0
	13.11.68.	20.12.68.			
0	21.17	21.30	21.60	.30	1.3
10	21.21	21.36	21.60	.38	0.9
20	21.25	21.37	21.60	.34	1.0
30	21.31	21.39	21.60	.27	1.2
50	21.38	21.41	21.60	.13	2.6
75	21.41	21.42	21.60	.05	2.6
100	21.44	21.45	21.60	.06	5.6
Mean				.21	1.6

Table A 12

Water renewal calculation for Station 11

1968

Min. Cl_b = 19.40 ‰ = 35.05 ‰ Sal.

Max. Cl_b = 21.60 ‰ = 39.02 ‰ Sal.

Depth (m)	Cl_p	Cl_s	Cl_b	x
	17.12.67.	11. 3.68.		
0	21.39	21.39	19.40	.00
10	21.41	21.43	21.60	.10
20	21.42	21.44	21.60	.11
30	21.43	21.46	21.60	.17
50	21.43	21.50	21.60	.41
75	21.46	21.49	21.60	.21
100	21.47	21.51	21.60	.30
150	21.47	21.51	21.60	.30
170	21.48	21.52	21.60	.33
Mean				.21
	11. 3.68.	18. 6.68.		
0	21.39	21.37	19.40	.01
10	21.43	21.46	21.60	.17
20	21.44	21.43	19.40	.00
30	21.46	21.44	19.40	.00
50	21.50	21.49	19.40	.00
75	21.49	21.49	19.40	.00
100	21.51	21.48	19.40	.01
150	21.51	21.42	19.40	.04
170	21.52	21.37	19.40	.07
Mean				.03
	18. 6.68.	20. 9.68.		
0	21.37	21.43	21.60	.26
10	21.46	21.51	21.60	.35
20	21.43	21.44	21.60	.05
30	21.44	21.47	21.60	.18
50	21.49	21.47	19.40	.00
75	21.49	21.52	21.60	.27
100	21.48	21.51	21.60	.25
150	21.42	21.51	21.60	.50
170	21.37	21.56	21.60	.82
Mean				.29
	20. 9.68.	8.12.68.		
0	21.43	21.38	19.40	.02
10	21.51	21.38	19.40	.06
20	21.44	21.41	19.40	.01
30	21.47	21.41	19.40	.02
50	21.47	21.40	19.40	.03
75	21.52	21.41	19.40	.05
100	21.51	21.42	19.40	.04
150	21.51	21.45	19.40	.02
170	21.56	21.47	19.40	.04
Mean				.03
Over all mean				0.14

Renewal time (1/x) = 7 seasons = 21 months

Corrected with factor 10 = 2.1 months

Table A 13

Water renewal calculation Station 13 (Gargano)

1968

Min. Cl_b = 19.40 ‰ = 35.05 ‰ Sal.

Max. Cl_b = 21.60 ‰ = 39.02 ‰ Sal.

Depth (m)	Cl_p	Cl_s	Cl_b	x
	17.12.67.	10. 3.68.		
0	21.14	21.46	21.60	.69
10	21.32	21.48	21.60	.57
20	21.39	21.47	21.60	.38
30	21.41	21.48	21.60	.36
50	21.43	21.49	21.60	.35
75	21.45	21.49	21.60	.26
100	21.45	21.50	21.60	.33
115	21.47	21.50	21.60	.23
Mean				.39
	10. 3.68.	17. 6.68.		
0	21.46	21.04	19.40	.20
10	21.48	21.20	19.40	.13
20	21.47	21.37	19.40	.04
30	21.48	21.46	19.40	.00
50	21.49	21.49	19.40	.00
75	21.49	21.45	19.40	.01
100	21.50	21.43	19.40	.03
115	21.50	21.37	19.40	.06
Mean				.05
	17. 6.68.	20. 9.68.		
0	21.04	21.33	21.60	.51
10	21.20	21.34	21.60	.35
20	21.37	21.38	21.60	.04
30	21.46	21.45	19.40	.00
50	21.49	21.51	21.60	.18
75	21.45	21.47	21.60	.13
100	21.43	21.47	21.60	.23
115	21.37	21.42	21.60	.21
Mean				.20
	20. 9.68.	16.12.68.		
0	21.33	21.35	21.60	.07
10	21.34	21.37	21.60	.11
20	21.38	21.37	19.40	.00
30	21.45	21.39	19.40	.02
50	21.51	21.41	19.40	.04
75	21.47	21.43	19.40	.01
100	21.47	21.44	19.40	.01
115	21.42	21.46	21.60	.22
Mean				.06
Over all mean				0.17

Renewal time (1/x) = 6 seasons = 18 months

Corrected with factor 10 = 1.8 months

Table A 14

Average values of $P\text{-}PO_4$ content at Station 25 (Kaštela Bay = Kaštelanski zaliv) in mg/t

	1962		1963		1964		1965		1966		1967		1968		1969		1970		Averages
Jan.	4	2,2±0.3	4	1.5±0.5	4	1.4±0.5	4	1.8±0.7	4	1.4±0.5	4	1.6±0.9	4	2.4±1.1	4	2.2±0.8	4	2.3±2.1	1.86
Feb.	4	0.9±0.4	4	0.9±0.0	4	3.3±1.0	4	1.7±1.3	4	1.0±0.3	4	2.7±0.5	4	4.4±0.8	4	2.1±1.2	4	2.5±2.2	2.15
Mar.	4	3.6±5.3	4	1.0±0.7	4	0.8±0.4	4	0.1±0.3	4	0.4±0.4	4	1.1±1.2	4	2.4±2.1	4	0.9±0.9	4	3.6±3.6	1.54
Apr.	4	1.1±0.2	4	2.3±0.5	4	1.3±0.5	4	2.2±1.2	4	3.0±1.6	4	0.9±0.9	4	5.7±3.9	4	1.4±1.4	4	1.8±0.6	2.17
May	4	1.0±0.8	4	1.4±0.6	4	2.3±0.5	4	1.8±1.2	4	1.1±0.7	4	1.1±1.4	3	4.0±1.3	4	2.5±1.3	4	1.7±0.8	1.87
June	4	2.0±0.9	4	0.5±0.5	4	1.4±1.3	4	1.5±1.5	4	2.3±1.4	4	2.9±0.8	4	1.6±1.6	3	6.3±2.8	4	2.7±1.0	2.35
July	4	3.9±2.2	4	0.9±1.1	4	1.1±0.8	3	1.8±2.0	4	0.4±0.4	4	1.2±0.4	4	2.3±1.5	4	1.7±0.8	4	0.7±0.5	1.55
Aug.	3	3.8±0.8	4	1.5±0.7	4	0.1±0.4	4	3.9±1.3	4	1.3±1.6	4	2.2±2.2	4	1.8±1.8	4	1.4±0.5	4	3.3±2.3	2.13
Sep.	-	- -	2	2.5±1.6	4	1.6±1.1	4	1.9±1.8	4	2.9±0.2	4	3.0±1.5	4	6.3±2.7	4	1.6±1.3	4	1.6±1.1	2.66
Oct.	-	- -	4	1.9±1.0	4	0.8±1.3	4	2.0±0.2	4	2.8±0.4	4	- -	4	3.8±3.2	4	1.4±1.7	4	1.4±0.5	2.02
Nov.	-	- -	4	0.9±1.6	4	3.3±2.2	4	3.0±1.4	4	1.6±0.9	4	- -	4	2.1±2.2	3	2.3±0.1	4	4.4±2.0	2.49
Dec.	4	0.9±0.5	4	2.2±1.3	4	2.5±0.7		- -	3	1.4±0.4	4	4.0±2.4	4	4.2±0.6	4	1.5±3.3	4	2.3±1.2	3.36
Yearly average		2.15		1.44		1.64		1.96		1.63		2.05		3.42		2.09		2.35	2.10

Note: The first column for each year contains the numbers of analyses.

Table A 15

Average values of $P\text{-}PO_4$ content at Station 8 (Pelegrin) in mg/t

	1962		1963		1964		1965		1966		1967		1968		1970		Averages
Jan.	6	0.9±0.3	6	1.0±1.1	6	3.2±1.6	6	1.4±0.7	6	3.1±1.8	6	0.9±2.5	6	3.5±1.7			2.0
Feb.	6	2.2±1.8	6	0.9±0.4	6	2.8±4.0	6	1.7±0.7	6	1.1±1.6	6	4.3±1.3	-	-			2.15
Mar.	6	2.7±2.2	6	1.4±1.4	6	1.4±0.9	6	1.3±0.4	6	0.9±1.2	6	0.7±0.9	6	1.2±1.2			1.37
April	6	1.0±0.5	6	2.1±0.9	6	1.3±0.1	6	0.7±1.1	6	1.7±2.7	6	1.1±0.6	-	-			1.31
May	6	0.5±0.3	6	1.3±1.2	6	2.5±0.6	6	2.5±1.0	5	3.8±0.3	6	1.4±1.7	-	-			1.98
June	6	1.2±0.2	6	1.1±0.5	6	0.9±0.7	6	1.8±0.9	3	1.9±0.3	6	2.2±1.4					1.56
July	6	1.2±0.6	5	1.6±1.9	5	2.3±1.7	6	1.8±1.0	6	1.1±0.4	6	1.6±0.8					1.58
Aug.	4	2.5±2.8	5	1.1±0.7	6	1.9±2.8	5	2.7±2.3	6	1.5±1.2	6	2.2±0.5					1.96
Sep.	-	- -	4	1.6±0.2	6	1.5±1.1	6	2.4±1.4	6	2.4±1.0	6	4.5±1.5					2.46
Oct.	-	- -	6	1.4±0.7	6	1.5±0.7	6	1.4±1.4	6	1.7±2.0	6	3.7±5.1					1.92
Nov.	-	- -	6	2.9±1.7	6	2.4±1.5	6	1.7±0.4	6	3.1±0.9	6	3.9±2.4			6	3.0±1.8	2.84
Dec.	6	0.5±0.6	6	1.9±1.2	6	1.6±0.8	-	-	6	1.1±0.6	6	2.1±0.2			6	1.2±0.5	1.42
Yearly averages		1.42		1.51		1.93		1.75		1.93		2.38		2.35		2.17	1.88

Note: The first column for each year contains the numbers of analyses.

Table A 16

Average values of $P-PO_4$ content at Station 9 (Stončica) in mg/t

	1962		1963		1964		1965		1966		1967		1968		1969		1970		Average
Jan.	6	1.1±1.7	7	0.6±1.3	7	2.9±1.2	7	1.4±1.1	7	1.8±0.8	7	1.3±1.0	7	4.9±1.1	7	2.5±2.3	7	2.3±1.8	2.10
Feb.	7	2.3±2.0	7	0.8±0.5	-	-	7	2.8±1.1	7	1.5±1.2	7	2.1±2.3	7	2.4±0.9	7	2.0±2.0	7	2.1±2.5	2.01
Mar.	7	1.4±1.5	7	1.6±1.1	7	0.7±1.0	7	2.3±0.7	7	1.8±2.9	7	1.5±1.5	7	4.2±1.1	7	3.1±1.2	7	0.6±0.7	1.91
Apr.	7	1.1±0.5	7	1.5±0.3	7	1.2±0.8	7	0.8±1.2	7	2.5±3.3	7	2.6±1.1	7	5.2±3.1	7	1.8±0.6	7	1.2±1.0	1.98
May	7	1.1±0.8	7	1.0±0.7	7	2.0±2.0	7	2.4±1.9	7	1.1±0.9	7	2.7±1.5	5	4.2±2.9	7	3.0±1.1	7	1.1±1.2	2.06
June	7	0.5±1.4	7	1.7±1.6	7	1.8±1.0	7	3.2±0.9	7	3.9±1.7	7	1.9±1.3	7	4.8±3.4	7	4.4±3.4	7	2.4±1.1	2.74
July	7	1.7±2.0	7	2.8±1.4	6	2.1±2.1	7	1.7±0.9	7	1.4±1.5	7	1.5±0.3	7	4.6±8.5	7	1.7±1.7	7	1.8±1.8	2.14
Aug.	4	2.6±2.6	7	1.2±2.6	7	1.3±1.7	6	2.1±2.0	7	2.9±1.1	7	2.3±1.6	7	2.8±2.6	7	1.8±1.8	6	2.8±1.7	2.19
Sep.	-	-	7	1.1±0.8	7	2.0±1.2	7	2.2±0.9	7	1.5±1.5	7	3.1±2.6	7	5.1±5.1	7	2.1±1.6	7	2.5±2.5	2.45
Oct.	-	-	7	1.8±1.0	7	2.1±0.1	7	1.7±1.2	7	3.0±1.6	7	5.0±2.4	6	3.2±3.4	7	1.7±1.7	7	2.1±0.8	2.59
Nov.	-	-	7	2.1±1.8	7	1.7±1.3	7	1.9±0.2	7	2.0±1.6	7	3.4±3.4	7	4.0±3.5	6	2.1±1.9	7	2.7±1.4	2.49
Dec.	7	1.4±0.5	7	1.7±1.0	7	1.4±0.3	-	- -	7	1.0±1.9	7	3.9±4.2	7	3.2±1.7	6	2.4±4.0	7	2.0±1.3	2.12
Yearly averages		1.46		1.50		1.75		2.06		2.04		2.61		3.88		2.37		1.96	2.23

Note: The first column for each year contains the numbers of analyses.

Table A 17

Average values of $P\text{-}PO_4$ content at Station 13 (Gargano) in mg/t

	1962	1963	1964	1965	1966	1967	1968	Averages
Mar.	8 0.8±0.8	8 1.6±2.3	- -	7 2.0±2.0	8 1.5±3.2	8 1.7±2.6	8 2.9±2.8	1.75
June	8 1.1±0.5	8 1.2±2.2	8 1.8±1.0	8 3.2±1.7	8 1.0±1.6	8 1.4±2.4	5 2.5±0.6	1.73
Sep.	7 3.3±3.3	6 2.6±1.5	8 1.8±2.0	8 2.1±2.5	8 1.3±1.4	8 4.3±1.6	5 3.4±0.9	2.69
Dec.	8 1.1±1.3	- -	- -	8 1.0±1.2	8 1.9±1.1	8 2.2±2.7	- -	1.55
Yearly averages	1.56	1.78	1.78	2.07	1.43	2.41	2.96	1.93

Note: The first column for each year contains the numbers of analyses.

Table A 18

Average values of $P\text{-}PO_4$ content at Station 3 (Jabuka Basin = Jabučka kotlina) in mg/t

	1962		1966		1967		1968		1969		1970		Averages
March	6	3.3±2.2	-		10	3.6±1.7	10	1.9±2.7	6	1.9±1.6	10	1.1±2.0	2.37
June		-	10	0.9±1.3	10	3.7±1.3	-	- -	6	2.5±2.5	5	1.8±1.8	2.23
Sep.		-	10	1.8±1.0	10	4.0±2.5	5	5.1±3.0	6	2.6±3.6	5	4.2±1.9	3.53
Dec.		-	10	2.1±2.1	10	1.8±2.6	6	1.7±1.7	-	-	6	3.0±2.2	2.15
Yearly averages		3.32		1.60		3.27		2.90		2.31		2.53	2.57

Note: The first column of every year contains the numbers of analyses.

T a b l e A 19

Average values of $P\text{-}PO_4$ content at Station 15 (South Adriatic Basin = Južnojadranska kotlina) in mg/t

	1962		1966		1967		1968		1969		1970		Averages
March	12	2.2±3.4	-		15	3.2±2.1	14	2.7±2.9	8	3.1±4.3			2.81
June		-	16	2.0±2.0	15	3.1±2.3	5	4.2±1.3	8	3.5±2.6	8	4.8±1.6	3.25
Sep.		-	15	1.9±1.9	14	3.7±2.1	7	3.7±3.7	8	1.8±1.6	8	3.4±3.2	2.88
Dec.		-	15	1.9±3.1	15	3.1±2.5	7	2.8±1.0	8	1.5±0.9	8	2.8±2.9	2.42
Yearly averages		2.18		1.94		3.27		3.34		2.46		3.67	2.91

Note! The first column of every year contains the numbers of analyses.

Table A 20

Average values of total phosphorus (P-tot) Station 25 (Kaštela Bay = Kaštelanski zaliv) in mg/t

Months	1962	1963	1964	1965	1966	1967	1968	1969	1970	Averages
Jan.	4 7.8±2.5	4 4.0±1.9	3 6.2±3.4	-	4 10.1±3.0	4 5.1±7.1	-	4 4.5±2.6	4 7.7±3.9	6.49
Feb.	4 3.7±1.5	4 4.8±2.2	4 4.8±2.3	4 4.6±1.7	4 9.4±2.5	3 9.3±1.9	4 8.5±2.0	4 7.0±1.9	4 6.9±2.9	6.57
March	2 4.6±1.2	4 2.4±0.4	-	4 8.4±1.9	4 7.2±1.3	2 10.0±8.2	4 5.4±1.1	4 3.1±3.1	4 6.6±1.0	5.97
Apr.	4 2.8±1.4	4 3.4±5.9	-	4 5.6±2.0	4 5.3±1.3	4 5.7±2.4	4 11.0±3.9	4 4.7±1.3	4 7.7±1.5	5.78
May	4 4.7±2.8	4 6.6±5.2	4 6.9±2.5	4 5.0±1.3	4 4.8±3.0	4 3.6±4.0	2 9.3±3.6	4 6.0±4.2	4 3.6±1.5	5.63
June	4 2.0±2.5	4 5.4±1.1	4 1.3±0.4	4 2.0±1.3	3 5.0±5.3	4 8.2±5.3	4 2.8±2.5	3 7.9±3.1	3 6.8±2.0	4.61 mm
July	4 3.1±0.8	4 6.0±2.0	4 3.2±1.5	-	3 12.6±2.2	-	4 2.6±2.6	4 4.4±1.3	4 3.7±1.3	5.10
Aug.	4 7.4±3.8	4 5.5±1.5	2 6.6±0.9	3 12.8±0.5	4 4.2±1.5	2 11.0±0.2	4 2.9±1.7	4 5.8±1.7	4 6.1±3.5	6.93 M
Sep.	4 4.3±4.3	4 5.6±3.6	4 3.6±0.6	-	4 5.7±5.4	4 7.0±4.3	4 8.2±2.1	4 5.4±2.1	3 3.1±1.2	5.37
Oct.	-	-	4 2.3±0.7	4 7.7±5.1	4 4.8±1.0	-	3 4.7±1.4	4 7.0±5.4	4 6.4±5.0	5.49
Nov.	-	-	4 2.7±1.2	4 7.8±3.7	2 6.1±1.4	3 5.5±1.5	4 4.7±0.9	3 1.5±9.9	4 7.4±2.2	5.08 m
Dec.	4 4.4±0.5	4 7.9±1.60	1 9.7	4 8.7±6.8	2 6.9±0.4	-	4 5.7±1.8	4 6.6±5.4	2 7.9±2.4	7.23 MM
Averages	4.50 mm	5.17	4.74 m	6.93 M	6.86	7.28 MM	5.98	5.32	6.16	5.85 5.88

Note: The first column for each year represents the number of analyses.

Table A 21

Average values of total phosphorus (P-tot) at Station 8 (Pelegrin) in mg/t.

Months	1962	1963	1964	1965	1966	1967	1968	Averages
Jan.	5 5.2±1.6	6 3.6±2.4	6 3.8±3.8	-	6 7.9±3.7	4 3.9±2.0	6 7.6±2.5	5.33
Feb.	6 4.2±3.7	6 4.6±1.2	6 4.4±4.2	6 2.8±1.3	6 5.1±3.9	4 9.9±2.8	-	5.17
March	6 2.2±3.0	6 2.6±2.6	-	6 4.8±1.9	5 7.1±2.2	6 6.6±3.8	4 5.7±2.4	4.70
April	6 6.1±4.9	5 2.6±5.9	-	6 4.4±1.8	6 3.5±2.5	5 3.0±2.2	-	3.94
May	5 3.4±2.3	5 3.6±1.0	6 5.0±2.9	6 5.9±2.4	6 3.0±1.2	6 2.3±2.1	-	3.88 m
June	6 2.9±0.9	6 4.8±4.0	6 4.0±1.6	5 3.0±1.5	3 1.1±0.7	6 10.3±0.5	-	4.34
July	4 3.3±1.1	6 4.2±1.6	6 4.9±1.7	-	5 8.6±1.7	5 12.9±3.6	-	6.80 MM
Aug.	6 5.7±9.8	6 4.6±1.5	6 4.5±2.7	5 5.1±2.8	5 4.0±2.9	5 10.5±5.1	-	5.74 M
Sep.	6 3.2±0.8	6 3.4±0.6	6 3.4±1.5	-	6 4.3±1.1	5 10.4±10.0	-	4.96
Oct.	-	-	6 3.4±4.5	6 7.0±2.1	6 2.4±1.5	-	-	4.27
Nov.	-	6 8.0±5.0	6 2.3±2.4	5 3.8±3.8	-	5 4.2±4.2	-	4.59
Dec.	6 1.9±1.9	6 4.0±2.8	5 5.5±5.8	6 1.0±1.0	6 6.3±2.3	-	-	3.72 mm
Averages	3.81 mm	4.19	3.12	4.10 m	4.87	7.40.MM	6.65 M	4.79
								5.02

Note: The first column for each year represents the number of analyses.

Table A 22

Average values of total phosphorus (P-tot) at Station 9 (Stončica) in mg/t.

Months	1962	1963	1964	1965	1966	1967	1968	1969	1970	Averages
Jan.	6 4.9±4.3	7 3.1±1.7	7 2.2±1.1		7 9.2±4.6	7 3.4±2.0	6 6.8±3.2	7 3.0±1.4	7 4.0±3.7	4.58
Feb.	7 5.3±5.2	7 3.6±1.9	-	7 2.5±5.2	7 3.6±3.7	4 10.4±3.7	7 6.5±1.8	7 6.1±4.7	7 4.5±3.6	5.33 M
March	7 1.7±1.8	7 2.5±2.8	-	7 2.9±1.0	7 4.8±1.3	5 8.5±4.0	4 5.9±2.9	7 3.7±2.4	7 6.7±3.9	4.60
April	7 4.5±9.1	7 1.8±5.4	-	7 5.3±3.7	7 6.2±7.3	7 5.8±7.2	2 13.4±0.1	7 3.4±2.1	7 6.6±2.1	5.88 MM
May	7 3.2±4.0	6 4.4±2.8	6 3.5±0.4	7 7.1±2.1	3 6.2±3.3	7 3.5±4.5	2 6.9±3.3	7 6.1±5.7	7 3.4±1.9	4.92
June	7 2.4±2.8	7 3.7±4.8	5 10.5±4.3	3 3.8±5.1	7 2.3±1.8	7 2.7±6.3	5 7.4±7.6	7 5.0±1.6	6 5.3±1.8	4.79
July	7 3.0±6.5	7 4.7±1.8	7 4.2±2.6	3 7.8±3.7	6 5.5±2.7	7 -	7 5.9±8.2	7 4.3±7.2	7 2.2±2.7	4.69
Aug.	7 3.7±1.2	7 5.1±6.8	7 3.9±5.9	7 10.4±3.6	7 2.1±1.5	7 9.1±5.0	7 4.0±3.6	7 5.6±3.4	7 3.1±3.1	5.24
Sep.	6 3.1±0.9	6 5.2±0.8	5 4.1±6.1	7 -	7 3.4±2.5	7 -	7 10.0±4.8	7 3.6±8.8	7 4.0±1.9	4.77
Oct.	-	-	7 1.7±3.0	7 6.3±2.1	7 4.5±0.9	-	7 5.8±3.9	7 2.8±2.8	6 5.8±4.4	4.49 m
Nov.	-	6 8.2±3.8	6 2.0±1.9	7 3.7±1.8	-	7 1.8±3.6	7 5.1±2.3	6 2.6±4.1	7 6.2±4.2	4.24 mm
Dec.	6 4.93±5.7	6 7.4±5.1	7 2.4±9.6	7 1.1±1.3	7 6.2±2.0	-	7 5.6±6.8	6 5.9±3.1	5 6.1±2.4	4.96
Averages:	3.69 mm	4.54	3.83	5.11	4.92	5.66 M	6.89 MM	4.33	4.82	4.87
										4.87

Note: The first column for each year represents the number of analyses.

T a b l e A 23

Averages values of total phosphorus (P-tot) Station 13 (Gargano) in mg/t

Months	1962		1963		1964		1965		1966		1967		1968		Averages
March	8	3.9±3.9	8	4.7±2.0	-	7	2.5±1.0	6	4.4±1.4	6	6.9±5.6	5	6.3±1.8		4.78 m
June	8	3.5±2.8	8	3.1±2.0	8	5.4±5.4	6	5.7±2.5	7	8.7±1.8	8	5.5±4.5	5	7.7±7.7	5.66 M
Sep.	7	5.2±2.8	5	3.6±1.4	8	5.8±5.9	7	6.4±2.8	7	2.8±2.3	4	10.2±5.7	5	9.9±5.2	6.27 MM
Dec.	8	5.2-6.0		-	-	7	2.9±4.3	8	6.1±6.4		-		-		4.63 mm
Averages	4.47		3.80 mm		5.58		4.28 m		5.52		7.51 M		7.97 MM		5.34 5.52

Note: The first column for each year represents the number of analyses.

T a b l e A 24

Average values of total phosphorus (P-tot) at Station 3 (Jabuka Basin = Jabučka kotlina) in mg/t

Months	1962	1966	1967	1968	1969	1970	Averages
March	10 3.3±6.8	-	7 7.9±2.3	10 4.0±4.0	6 5.4±3.9	10 7.0±4.4	5.17 mm
June	-	8 9.9±1.0	10 7.0±5.6	-	6 6.2±2.2	-	7.68 MM
Sep.	-	10 5.9±6.6	9 3.2±7.0	6 8.2±7.3	5 7.7±6.5	6 5.1±2.7	6.26 M
Dec.	-	9 7.5±5.7	-	6 3.2±3.5	-	5 6.8±3.4	5.37 m
Averages	3.34 mm	7.78 MM	6.02	5.16 m	6.42	6.31	6.12 5.84

Note: The first column for each year represents the number of analyses.

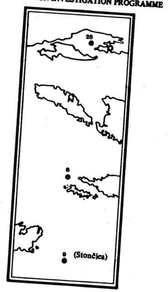
Table A 25

Averages values of total phosphorus (P-tot) at Station 15 (South Adriatic Basin = Južnojadranska kotlina) in mg/t

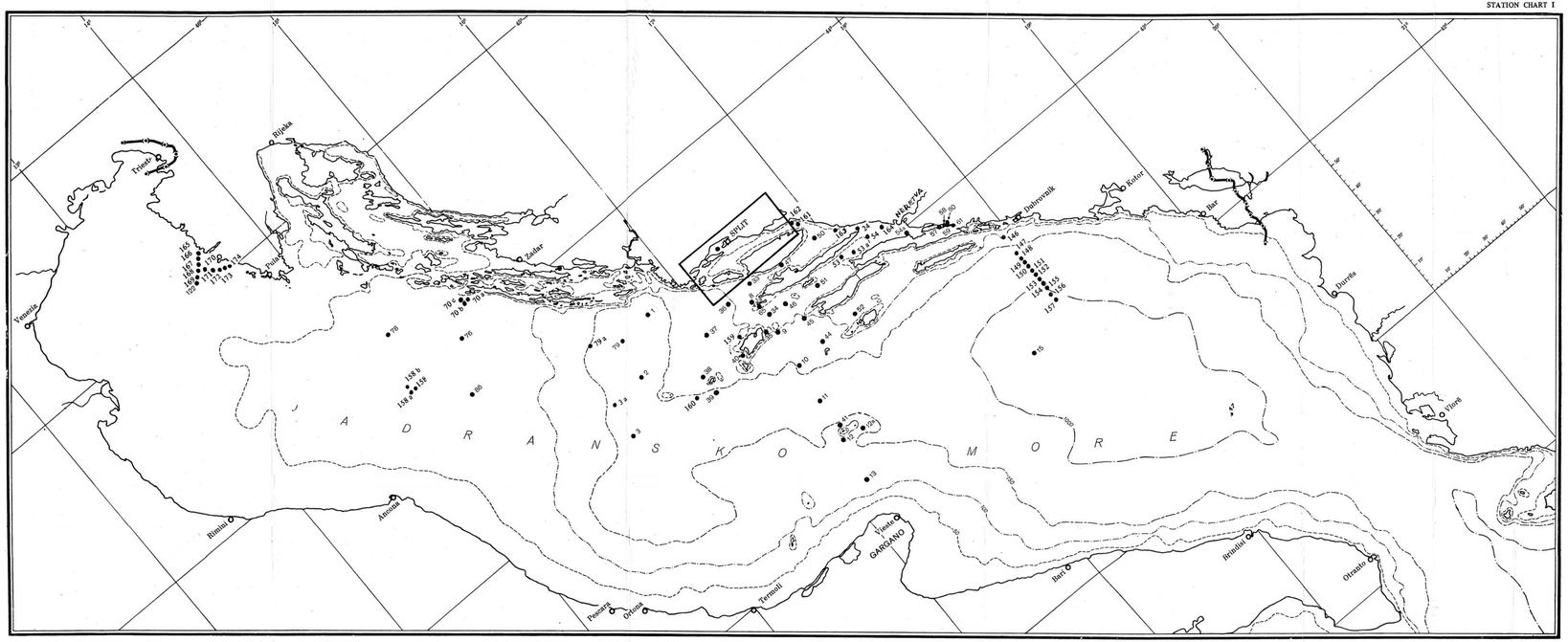
Months	1962	1966	1967	1968	1969	1970	Averages
March	16 3.5±	-	15 7.7±6.2	14 6.3±7.9	8 4.3±2.0	-	5.47 mm
June	-	10 10.9±2.8	15 7.4±6.8	8 6.2±4.1	8 5.8±4.2	-	7.58 MM
Sep.	-	15 4.7±2.3	5 9.6±5.0	8 7.0±7.0	5 6.2±4.8	8 3.9±2.4	6.86 M
Dec.	-	15 5.9±5.9	-	8 4.0±2.0	7 6.7±6.7	8 6.4±1.3	5.57 m
Averages	3.53 mm	7.15 M	8.25 MM	5.9	5.74	5.18 m	6.37
							5.96

Note: The first column for each year represents the number of analyses.

CHART III – STATIONS EMBRACED BY THE ORGANIC PRODUCTION INVESTIGATION PROGRAMME



STATION CHART I



STATION CHART II

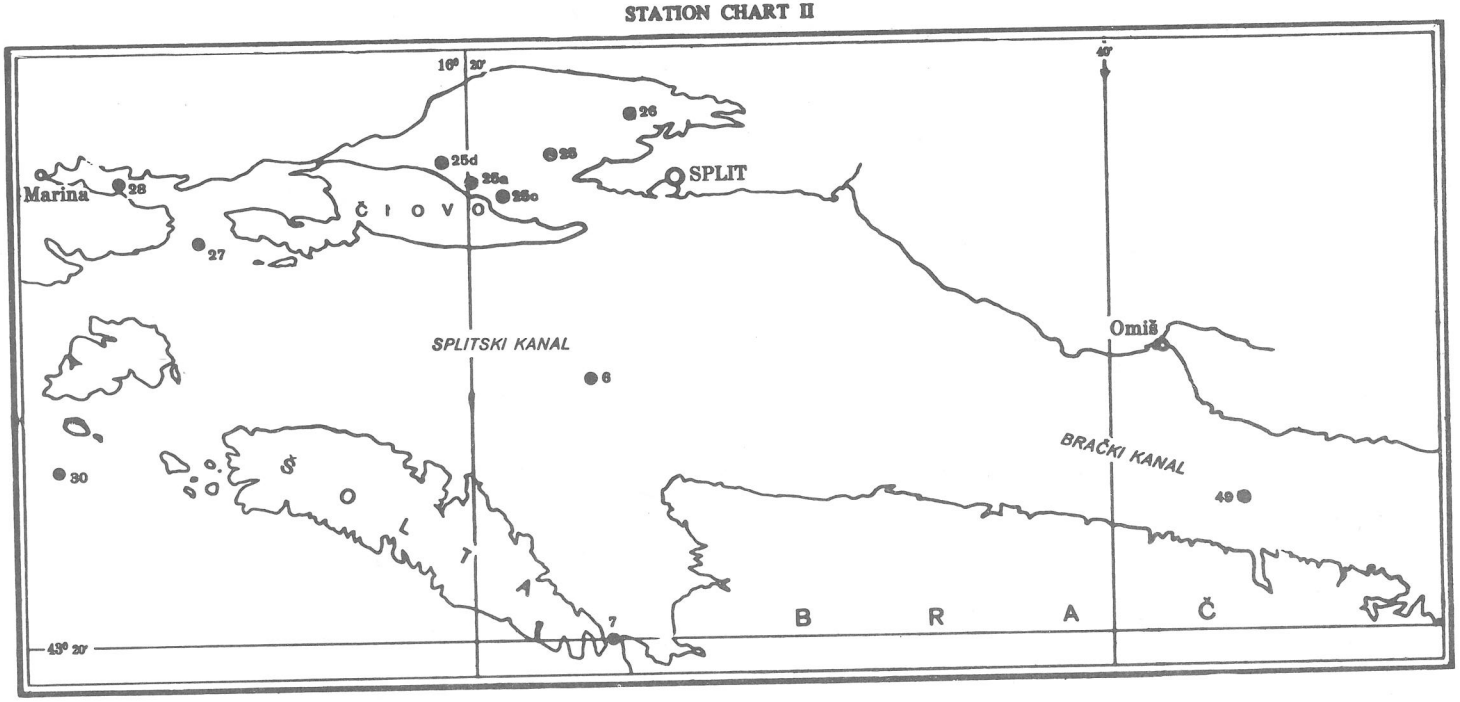
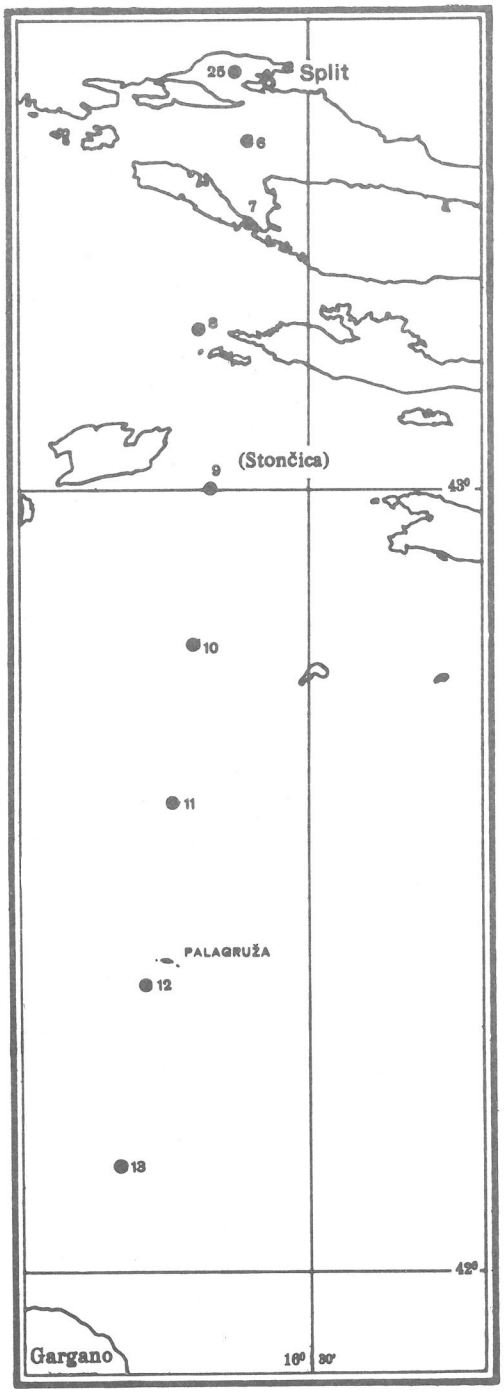


CHART IV – STATIONS SITUATED ALONG THE SPLIT – GARGANO PROFILE



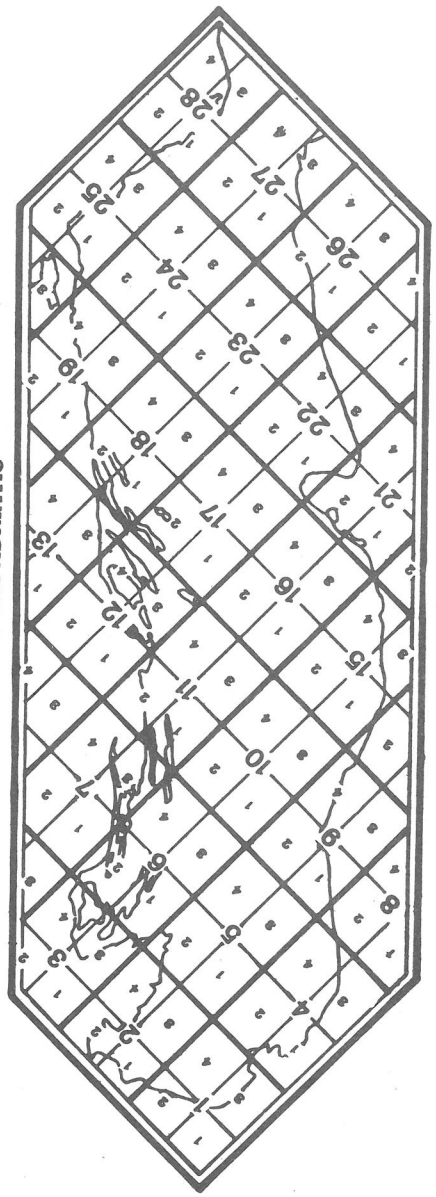


CHART V – ONE DEGREE AND ONE QUARTER DEGREE
NET MAP OF THE ADRIATIC