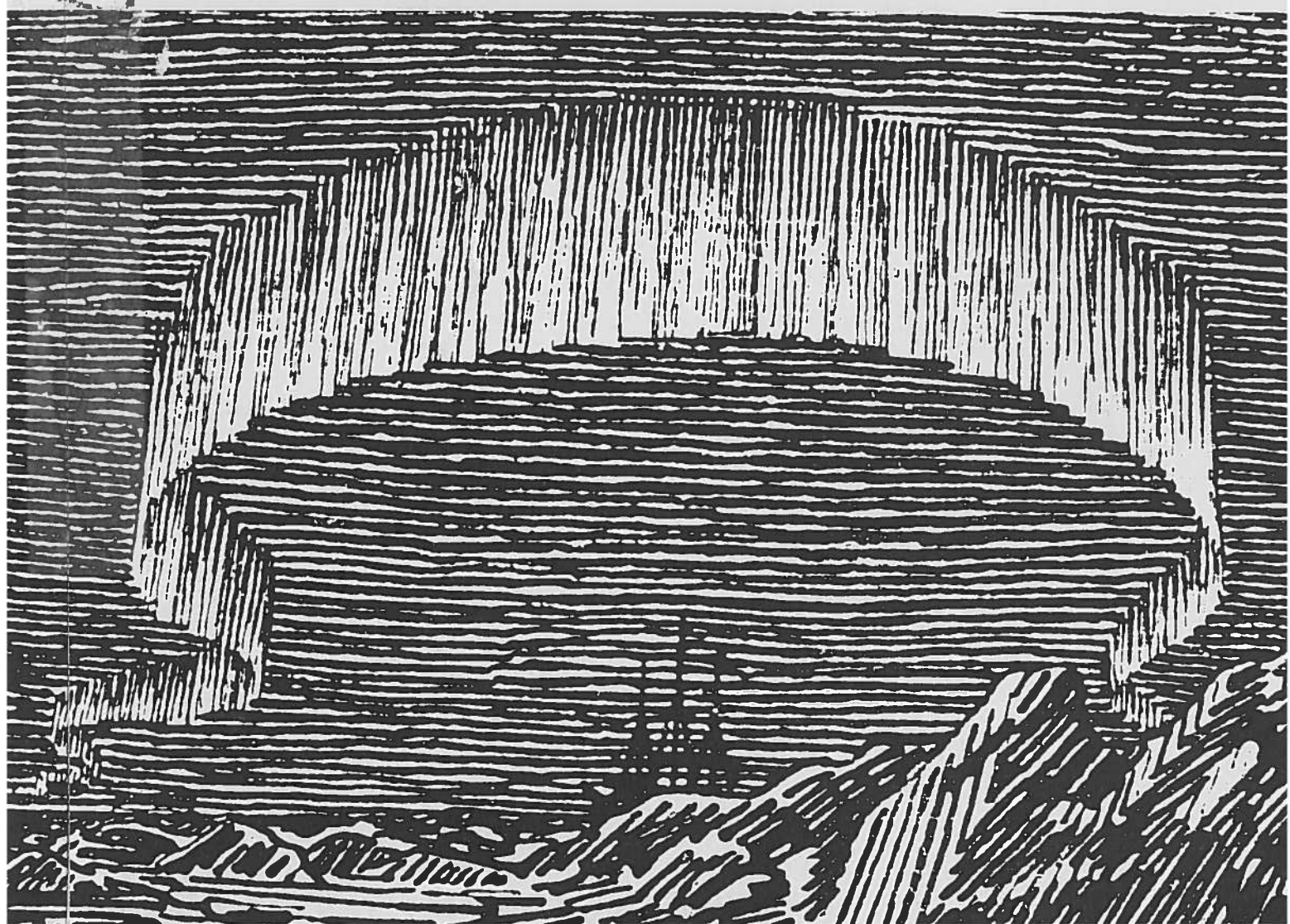


# THE AURORAL OBSERVATORY

TROMSØ

NORWAY

MAGNETIC OBSERVATIONS 1966



# THE AURORAL OBSERVATORY AT TROMSØ

( $\varphi = 69^{\circ} 39'.8$  N,  $\lambda = 18^{\circ} 56'.9$  E Gr.)

## MAGNETIC OBSERVATIONS 1966

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## GENERAL REMARKS

Our magnetic yearbook has now been subject to some alterations. The tables of Hourly Mean Values, the Resuming tables and the tables of International Quiet Days and Disturbed Days have been omitted.

The monthly means of estimated quiet hourly values appear in the tables of Quiet Mean Values.

The tables of K-indices have been retained. In addition we have included tables of special geomagnetic events, i. e.:

Sudden Storm Commencements (ssc)

Sudden Impulses (si), Bays (b, bp, bs, bps)

Pulsations (pc, pi, pg)

The following recording sets are in operation:

Normal (Bamberg, 20 mm/h)

D: 4,77  $\gamma$ /mm = 1,45 min/mm

H: 5,33  $\gamma$ /mm

Z: 7,15  $\gamma$ /mm

Insensitive (La Cour, 20 mm/h)

D: 10,5  $\gamma$ /mm = 3,20 min/mm

H: 23,5  $\gamma$ /mm

Z: 21,3  $\gamma$ /mm

Pulsation (Grenet, 6 mm/min).

Copies of the registrations are available, preferably on 35 mm film.

TROMSØ. DECLINATION, D=0 DEG. E + TABULAR QUANTITIES EXPRESSED IN TENTH OF MINUTES.  
QUIET MEAN VALUES.

JANUARY 1966																							
40	38	40	36	33	33	33	28	29	28	21	18	40	21	25	27	30	29	36	39	38	37	37	
FEBRUARY 1966																							
39	41	40	34	40	42	40	38	37	28	24	18	16	18	22	24	25	26	30	31	36	36	34	35
MARCH 1966																							
40	47	58	56	52	52	51	42	40	20	11	10	11	22	25	30	28	32	29	34	36	36	33	
APRIL 1966																							
41	47	58	60	73	73	73	69	59	43	11	-1	-7	0	6	18	21	20	17	14	21	22	25	26
MAY 1966																							
70	74	77	88	89	89	85	78	55	28	3	-20	-27	-27	-12	-3	-2	-1	-2	2	13	28	30	40
JUNE 1966																							
81	83	87	95	109	99	99	82	61	33	3	-21	-30	-28	-10	-3	-5	1	-0	-4	8	26	35	47
JULY 1966																							
81	90	99	104	105	105	102	89	70	50	9	-17	-31	-30	-22	-15	-12	-9	-12	-9	4	17	40	54
AUGUST 1966																							
45	80	91	100	111	112	108	92	64	31	3	-22	-37	-30	-11	1	5	2	-2	3	12	25	24	35
SEPTEMBER 1966																							
67	77	85	89	84	87	75	62	41	29	4	-5	-1	12	18	29	37	34	30	34	32	44	51	63
OCTOBER 1966																							
48	59	63	65	50	57	61	56	44	29	17	11	8	13	20	24	21	24	22	28	30	44	49	50
NOVEMBER 1966																							
40	44	41	37	37	38	37	38	35	26	13	7	9	10	15	14	15	20	25	32	35	36	39	41
DECEMBER 1966																							
35	38	35	31	31	28	24	20	16	19	13	7	9	11	12	11	11	13	19	26	31	31	26	31

TROMSØ. HORIZONTAL INTENSITY, H=11100+TABULAR QUANTITIES EXPRESSED IN GAMMA.  
QUIET MEAN VALUES.

JANUARY 1966																											
59	59	59	61	61	61	61	59	58	58	59	59	59	59	59	60	60	60	60	61	60	61	61	60	60			
FEBRUARY 1966																											
66	67	68	68	68	67	65	63	51	62	63	65	66	68	69	70	70	70	67	67	68	65	65					
MARCH 1966																											
71	70	71	70	71	70	68	64	60	57	57	57	62	62	67							73	74	72	71			
APRIL 1966																											
76	76	76	76	73	72	66	59	53													82	83	81	79	78	78	79
MAY 1966																											
73	74	75	73	72	70	65	60	53	47	50	50	53	62	78	86	94	97	97	93	83	77	74	72				
JUNE 1966																											
74	79	77	75	73	70	64	57	49	46	48	49	58	64	68	68	65	77	80	91	75	68	65	65				
JULY 1966																											
66	69	70	77	71	67	62	55	49	44	44	50	59	71	78	83	84	89	90	89	84	74	64	60				
AUGUST 1966																											
70	75	81	81	76	71	63	54	46	46	51	58	69	77	82	85	88	93	82	84	80	77	72	75				
SEPTEMBER 1966																											
66	70	67	64	67	66	59	51	48	51	58	65	68	68	74	73	76	76	78	78	70	69	58	55				
OCTOBER 1966																											
77	76	74	74	73	73	70	67	63	59	57	61	66	68	70	72	78	79	84	81	81	78	76	77				
NOVEMBER 1966																											
70	70	73	74	77	78	75	73	70	69	69	69	71	75	75	78	80	79	79	76	79	77	74	69				
DECEMBER 1966																											
72	71	70	70	73	76	76	73	71	71	71	72	75	77	77	78	79	80	82	80	81	78	76	72				

TROMSØ. VERTICAL INTENSITY, Z=51000+TABULAR QUANTITIES EXPRESSED IN GAMMA.  
QUIET MEAN VALUES.

JANUARY 1966																							
112	112	112	112	113	112	112	113	113	114	114	116	117	117	118	118	118	118	117	117	116	113	112	112
FEBRUARY 1966																							
115	116	115	116	115	114	115	115	115	116	118	121	122	122	122	120	120	121	120	122	120	116	112	112
MARCH 1966																							
120	120	122	122	120	122	123	123	123	122	123	125	126	127	128	130	130	129	130	130	124	120	118	118
APRIL 1966																							
128	129	129	129	128	128	129	129	130	132	129	128	130	132	137	139	137	135	132	128	126	126	125	123
MAY 1966																							
111	116	120	122	123	123	124	123	124	124	122	124	129	135	141	146	144	138	131	128	122	123	122	121
JUNE 1966																							
125	127	130	126	128	127	129	128	128	128	129	130	133	134	140	142	143	141	135	130	128	121	121	119
JULY 1966																							
128	129	128	126	131	129	131	132	133	134	132	132	134	136	136	142	139	139	137	136	135	131	129	129
AUGUST 1966																							
134	130	131	135	132	133	132	131	132	132	135	136	136	138	138	141	141	139	134	136	134	133	130	
SEPTEMBER 1966																							
150	153	150	150	157	156	155	155	156	154	153	153	158	163	165	155	152	156	155	157	159	158	155	155
OCTOBER 1966																							
145	146	145	146	147	147	149	150	151	152	153	153	153	155	155	155	154	153	155	156	156	152	150	152
NOVEMBER 1966																							
143	147	146	146	148	148	149	150	154	155	155	155	157	158	159	158	158	161	159	157	155	156	155	153
DECEMBER 1966																							
150	151	154	155	155	156	156	155	155	157	158	159	158	158	158	163	162	165	164	164	158	158	152	152

TROMSO.

K-INDICES FOR THREE-HOUR INTERVAL

RANGE 2000 GAMMA FOR K=9. SCALE VALUES U=4.77 GAMMA H=5.33 GAMMA Z=7.15 GAMMA

JANUARY 1966

Table with 31 rows and 10 columns of numerical data for January 1966.

FEBRUARY 1966

Table with 28 rows and 10 columns of numerical data for February 1966.

MARCH 1966

Table with 31 rows and 10 columns of numerical data for March 1966.

APRIL 1966

Table with 30 rows and 10 columns of numerical data for April 1966.

TROMSO.

K-INDICES FOR THREE-HOUR INTERVAL

RANGE 2000 GAMMA FOR K=9. SCALE VALUES D=4.77 GAMMA H=5.33 GAMMA Z=7.15 GAMMA

MAY 1966

Table with 31 rows and 10 columns of numerical data for May 1966.

JUNE 1966

Table with 30 rows and 10 columns of numerical data for June 1966.

JULY 1966

Table with 31 rows and 10 columns of numerical data for July 1966.

AUGUST 1966

Table with 31 rows and 10 columns of numerical data for August 1966.

TROMSO.

K-INDICES FOR THREE-HOUR INTERVAL

RANGE 2000 GAMMA FOR K=9. SCALE VALUES U=4.77 GAMMA H=5.33 GAMMA Z=7.15 GAMMA

SEPTEMBER 1966

Table with 30 rows and 10 columns of numerical data for September 1966.

OCTOBER 1966

Table with 31 rows and 10 columns of numerical data for October 1966.

NOVEMBER 1966

Table with 30 rows and 10 columns of numerical data for November 1966.

DECEMBER 1966

Table with 31 rows and 10 columns of numerical data for December 1966.

JANUARY 1966  
SUDDEN COMMENCEMENTS  
7 1501 SSC\* + + - - B  
20 1320 SSC + + + C

FEBRUARY 1966  
SUDDEN COMMENCEMENTS  
3 1321 SSC - + + B  
4 1927 SSC - - - B  
10 2118 SSC - - - B  
22 1325 SSC + + + B

MARCH 1966  
SUDDEN COMMENCEMENTS  
9 2030 SSC\* - - - B  
23 0751 SSC\* - - - B  
28 0821 SSC + - + C  
30 2010 SSC + + - B

APRIL 1966  
SUDDEN COMMENCEMENTS  
1 1236 SSC\* + + - - B  
4 2015 SSC\* - + + - B  
6 1839 SSC + - + A  
21 2030 SSC + - - C  
29 1939 SSC + + - B

JANUARY 1966  
BAYS  
NONE

FEBRUARY 1966  
BAYS  
NONE

MARCH 1966  
BAYS  
NONE

APRIL 1966  
BAYS  
23 1505 B + - - A

JANUARY 1966  
SUDDEN IMPULSES  
2 1951 SI + + - B  
4 1936 SI - - + B  
18 1951 SI - - - B  
31 2134 SI + + + B

FEBRUARY 1966  
SUDDEN IMPULSES  
7 2041 SI - - - B  
16 2230 SI - - - B

MARCH 1966  
SUDDEN IMPULSES  
20 1915 SI + + + B  
30 1010 SI + - - A

APRIL 1966  
SUDDEN IMPULSES  
4 2107 SI - - + B  
14 2113 SI + + - B  
22 2033 SI - + + B  
30 2006 SI - - - B

MAY 1966  
SUDDEN COMMENCEMENTS  
2 0953 SSC + - - B  
8 0957 SSC + + + B  
16 2003 SSC\* + + + A  
17 1727 SSC + + + B  
30 1826 SSC + - - B

JUNE 1966  
SUDDEN COMMENCEMENTS  
2 0900 SSC\* + + - B  
3 1618 SSC + - - B  
15 2009 SSC - + + C  
22 2307 SSC\* - + + B  
30 1918 SSC + + + B

JULY 1966  
SUDDEN COMMENCEMENTS  
8 1439 SSC + - - C  
  
JULY 1966  
BAYS  
18 1600 BPS + + + B

AUGUST 1966  
SUDDEN COMMENCEMENTS  
4 2130 SSC\* + + - B  
29 1312 SSC\* + + + B  
30 1042 SSC\* + + + B

MAY 1966  
BAYS  
22 1431 B + - - A

JUNE 1966  
BAYS  
6 2152 BP - + - B  
13 2013 BPS + + + B  
29 1342 BPS + - - B

JULY 1966  
SUDDEN IMPULSES  
3 2027 SI + + + B  
11 1545 SI + - - B  
15 1500 SI - - - B  
19 2350 SI - - - B  
27 0605 SI + - - B

AUGUST 1966  
BAYS  
NONE

MAY 1966  
SUDDEN IMPULSES  
4 2024 SI + - - B  
5 1826 SI - - - B  
13 1538 SI + - + B  
19 2003 SI - + + B  
29 1945 SI + + - B

JUNE 1966  
SUDDEN IMPULSES  
7 0334 SI - - - A  
9 2132 SI - + - B  
11 1800 SI + - - B  
16 2321 SI - + + A  
18 1927 SI + + - B  
20 1949 SI + - - B

AUGUST 1966  
SUDDEN IMPULSES  
3 0954 SI - - - B  
9 1933 SI - + - B  
15 2200 SI - - - B  
20 2241 SI - - - B  
25 2028 SI - - - C

SEPTEMBER 1966  
SUDDEN COMMENCEMENTS  
14 1510 SSC + - - B  
18 2107 SSC + + + B  
25 1909 SSC + - + B  
26 1240 SSC - + + B  
27 1020 SSC + + - B

OCTOBER 1966  
SUDDEN COMMENCEMENTS  
13 0934 SSC\* + + - B  
23 2013 SSC + + - B

NOVEMBER 1966  
SUDDEN COMMENCEMENTS  
7 2015 SSC - - - C  
18 1103 SSC + - - B

DECEMBER 1966  
SUDDEN COMMENCEMENTS  
21 1333 SSC + - - B  
22 1855 SSC + + + B

SEPTEMBER 1966  
BAYS  
16 1112 BP + - - B

OCTOBER 1966  
BAYS  
NONE

NOVEMBER 1966  
BAYS  
20 1230 BP + - - B

DECEMBER 1966  
BAYS  
11 1810 BP + + + B

SEPTEMBER 1966  
SUDDEN IMPULSES  
11 2103 SI - - - B  
22 2023 SI - - - B  
24 2328 SI - + + B  
28 2221 SI - - + B

OCTOBER 1966  
SUDDEN IMPULSES  
3 2132 SI - + - B  
7 2155 SI - - - B  
13 1926 SI + + + B

NOVEMBER 1966  
SUDDEN IMPULSES  
19 2124 SI - + + B

DECEMBER 1966  
SUDDEN IMPULSES  
7 2030 SI - - - B  
14 0010 SI + - - B  
19 2024 SI + + + B  
22 0440 SI + + - B

JANUARY 1900  
PC1  
13 0927 1105 A 3.1  
14 0559 0850 A 3.6  
17 23-- 0300 3 4.7  
19 1029 12-- 3 3.4  
20 0240 0354 3 3.6

JANUARY 1900  
PC5  
2 0408 0508 B 156.0  
  
JANUARY 1966  
PC6  
NONE

FEBRUARY 1900  
PC1  
1 0855 0933 A 2.5  
8 10-- 13-- A 3.9  
15 0740 0900 B 2.8  
15 1000 1226 A 2.4  
19 0900 1035 B 2.9  
23 1155 1413 B 3.8

FEBRUARY 1900  
PC5  
NONE  
  
FEBRUARY 1966  
PC6  
NONE

JANUARY 1906  
PC2  
29 1532 1740 3 6.0

JANUARY 1966  
PI1  
NONE

FEBRUARY 1966  
PC2  
NONE

FEBRUARY 1966  
PI1  
NONE

JANUARY 1966  
PC3  
2 0726 0929 3 32.1  
4 0742 0810 3 33.0  
6 0814 1039 3 37.1  
7 1000 1040 3 38.8  
8 1522 1547 3 18.6  
9 0237 0850 3 36.8  
10 09-- 1020 3 30.0  
13 0418 06-- 3 38.4-42.5  
13 0800 0915 3 32.0  
13 1028 1127 3 39.1  
15 0504 1242 3 38.1  
19 0526 0828 3 24.4  
20 0644 0725 3 32.3  
22 23-- 03-- 3 32.3  
25 2324 2355 3 16.0  
28 0404 0850 3 44.0  
29 0309 04-- 3 19.6  
29 0917 1207 3 22.8

JANUARY 1966  
PI2  
1 1824 1902 B  
5 1218 1250 B  
5 2048 2108 B  
6 2110 2123 B  
12 1704 1715 B  
18 1045 1058 B  
27 1736 1746 B

FEBRUARY 1966  
PC3  
3 0625 1145 B 23.3  
4 0548 12-- B 23.1  
6 0935 1312 B 35.1  
6 22-- 0205 B 32.0  
7 0515 0605 B 17.8  
10 0823 10-- B 29.0  
11 0516 07-- B 44.5  
13 0500 0700 B 32.0  
18 0602 1215 B 38.8  
22 0440 0908 B 29.2  
22 0908 1002 B 43.0

FEBRUARY 1966  
PI2  
7 2136 2158 B  
11 1549 1605 B  
12 1532 1541 B

JANUARY 1966  
PG  
NONE

FEBRUARY 1966  
PC4

7 0845 1003 B 37.7  
7 1020 1125 B 50.6  
10 0225 0435 B 111.0  
12 0841 1143 B 46.0  
15 0848 1350 B 47.5  
16 0235 0338 A 102.2  
16 0650 0740 B 117.2  
18 1315 1615 B 61.0  
26 1105 1200 B 51.6  
26 1237 14-- B 54.3

FEBRUARY 1966  
PG  
NONE

JANUARY 1906  
PC4  
1 1653 1749 3 51.5  
3 09-- 12-- 3 47.6  
6 1100 1205 3 67.5  
11 0519 0605 3 51.6  
27 09-- 1047 3 49.1  
27 1234 1435 3 54.8

MARCH 1966  
PC1  
3 0720 1245 A 3.2  
3 1407 1600 3 4.4  
6 0925 1055 3 3.6  
8 0715 0900 A 2.6  
12 1400 1510 3 4.0  
13 0705 0740 3 2.6  
13 0830 1110 3 3.1

MARCH 1966  
PC5  
29 1210 1240 B 180.0

APRIL 1966  
PC1  
12 0445 0915 A 2.6-4.3  
16 1022 1410 B 2.9

APRIL 1966  
PC5  
NONE

MARCH 1966  
PC6  
NONE

APRIL 1966  
PC2  
14 03-- 0555 B 9.3

APRIL 1966  
PC6  
NONE

MARCH 1966  
PC2  
28 0956 1013 3 6.8  
30 2455 0225 3 8.3

MARCH 1966  
PI1  
5 1500 1527 B

APRIL 1966  
PC3  
1 0520 0620 B 44.5  
4 0800 1020 B 35.2  
5 0304 0412 B 25.4  
6 0625 1050 B 26.8  
7 0535 1008 B 25.4  
9 0922 1429 B 41.3  
14 1435 1627 B 17.1  
15 0400 1152 B 27.9  
16 0910 1125 B 41.3  
20 0710 1015 B 27.4  
21 03-- 0445 B 10.8-20.7  
22 1015 1235 B 23.1  
23 1122 15-- B 41.5  
24 2338 2435 B 18.6  
28 0520 1012 C 29.0  
30 09-- 12-- B 17.1

APRIL 1966  
PI1  
NONE

MARCH 1966  
PI2  
2 0223 0237 B  
  
MARCH 1966  
PG  
31 1028 1103 A 144.0

APRIL 1966  
PI2  
10 2032 2042 B  
12 2312 2327 B  
25 1915 1930 B  
25 2029 2052 B  
26 2042 2102 B

MARCH 1966  
PC3  
2 1032 1228 3 35.1  
4 1700 1910 3 12.4  
6 0500 0535 3 35.1  
10 0655 0755 3 32.0  
10 1013 1055 3 23.8  
12 0705 0847 3 32.0  
12 1015 1125 3 26.9  
15 0807 0843 3 25.3  
16 0235 0325 3 29.5  
16 0919 1140 3 29.8  
18 1007 1225 3 39.3  
21 1250 1320 3 36.2  
23 0255 0432 3 19.6  
25 0545 0605 3 22.1  
26 0200 0420 3 37.1  
29 0629 1155 3 25.8-32.9

APRIL 1966  
PG  
5 0200 0240 A 92.5

MARCH 1966  
PC4  
1 1000 1055 3 51.2  
1 1240 1430 3 54.8  
15 0500 0615 3 116.5  
15 1220 1301 3 139.5  
16 0140 0215 3 60.2  
17 0420 0655 A 127.2  
28 02-- 0408 3 45.6

APRIL 1966  
PC4  
2 1238 1452 B 52.2  
3 1110 1330 B 46.5  
4 0245 0335 B 65.2  
4 0400 0437 B 111.7  
4 1020 1115 A 123.0  
9 0654 0837 B 47.3  
10 0115 0630 B 46.0  
10 0852 0938 B 50.6  
11 0552 0625 A 45.5  
12 1424 1450 A 60.0  
18 0635 0740 B 49.1  
18 1038 1412 C 67.2  
19 0440 0930 B 47.6  
29 0948 1225 B 48.6

MAY 1966  
PC1  
5 1250 1325 A 3.9  
6 06-- 0825 C 4.9  
7 1145 1301 A 3.2-4.3  
8 1035 14-- 3 2.6-4.2  
9 0729 0805 3 3.1  
11 0800 0902 C 3.6  
13 0557 09-- 3 4.6  
16 1605 1927 3 4.4  
20 1435 1500 3 4.0  
31 10-- 1217 3 3.9

MAY 1966  
PC5  
NONE  
  
MAY 1966  
PC6  
NONE  
  
MAY 1966  
PI1  
NONE

JUNE 1966  
PC1  
6 0754 0820 B 3.3  
7 11-- 1615 A 4.7  
15 1212 1510 B 5.0  
  
JUNE 1966  
PC2  
NONE

JUNE 1966  
PC5  
NONE  
  
JUNE 1966  
PC6  
NONE  
  
JUNE 1966  
PI1  
NONE

MAY 1966  
PC2  
2 0600 0705 3 8.3  
6 2112 22-- 3 9.3  
17 0230 0415 3 8.2

MAY 1966  
PI2  
6 2032 2054 B  
10 2137 2200 B  
15 2053 2120 B

JUNE 1966  
PC3  
3 1128 1208 B 27.9-35.3  
4 0636 0945 B 43.5  
6 0140 05-- B 16.0  
12 03-- 0455 B 32.0  
15 2255 2425 B 16.5  
16 23-- 01-- B 11.8-15.5  
17 0330 0510 B 19.3  
19 0342 1215 B 33.0

JUNE 1966  
PI2  
3 2310 2330 B  
6 2157 2220 B  
6 2305 2325 B  
11 0136 0147 B  
12 1844 1904 A  
20 1843 1900 B

MAY 1966  
PC3  
2 0953 1055 3 42.5  
5 0903 0938 3 41.5  
6 0838 0948 3 43.5  
11 0430 0720 3 41.5  
12 05-- 08-- 3 27.0  
12 09-- 1105 3 26.7  
13 0803 1022 3 26.9  
17 0450 0718 3 29.4  
20 0600 0640 3 21.7  
21 0248 0718 3 32.0  
30 0545 0925 3 32.8

MAY 1966  
PG  
NONE

JUNE 1966  
PC4  
5 1100 1243 B 47.0  
8 0200 0745 B 51.6  
9 1113 1433 B 56.8  
10 0415 0715 B 46.5  
13 04-- 1045 B 52.6  
14 0437 0615 B 48.5  
14 0625 0845 B 46.0  
16 1035 1245 B 50.0

JUNE 1966  
PG  
NONE

MAY 1966  
PC4  
3 0325 1141 3 53.0  
5 1323 1522 3 57.9  
7 0511 0701 3 45.5  
12 1145 1237 3 45.1  
21 0850 1047 3 47.5  
22 0621 1040 3 55.2  
28 0330 0945 3 56.3

JULY 1966  
PC1  
5 0627 0927 3 3.1  
8 0930 1120 3 3.1-4.1  
13 0245 09-- 3 2.8-4.1  
14 2001 2140 3 4.1  
16 0106 0620 3 3.1-3.9  
31 0820 0850 3 3.1  
31 1505 1707 3 3.6

JULY 1966  
PC5  
NONE  
  
JULY 1966  
PC6  
NONE  
  
JULY 1966  
PI1  
NONE

AUGUST 1966  
PC1  
5 0840 0955 B 2.8  
14 1537 1920 B 1.9-3.1  
15 0928 1115 B 3.1  
18 07-- 0830 C 3.1  
18 0950 1030 B 3.3  
18 1255 1527 B 3.9  
23 11-- 1310 B 3.1-4.1  
28 09-- 1004 A 3.0  
29 1319 1440 A 2.7

AUGUST 1966  
PC5  
NONE  
  
AUGUST 1966  
PC6  
NONE  
  
AUGUST 1966  
PI1  
NONE

JULY 1966  
PC2  
NONE

JULY 1966  
PC3  
1 2255 2455 3 19.0  
5 0200 0942 3 33.1  
5 09-- 12-- 3 18.8-29.4  
18 0755 1050 3 41.3  
20 0333 0655 3 27.9  
20 0950 1137 3 21.7  
22 2319 0150 3 16.6  
29 0755 0944 3 35.1  
30 0918 1137 3 44.5

JULY 1966  
PI2  
8 0201 0215 B  
18 1701 1725 B  
24 2152 2215 B

AUGUST 1966  
PC2  
19 1120 1325 B 6.4

AUGUST 1966  
PI2  
2 1940 1959 B  
2 2000 2017 B  
26 1038 1055 B  
27 2307 2328 B  
28 1800 1810 B  
28 1824 1836 B

JULY 1966  
PC4  
6 0200 0915 3 49.0  
6 1100 1208 3 45.6  
7 0244 1000 3 56.8  
14 1529 1730 3 79.5  
16 0500 1430 3 50.6  
19 0425 0907 3 48.5  
19 1110 1305 3 55.7  
25 0620 0930 3 55.8

JULY 1966  
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NONE

AUGUST 1966  
PC3  
1 0850 1155 B 37.7  
7 0600 1340 B 37.1  
8 0505 0852 B 40.1  
14 0740 1110 B 29.0  
18 1527 1620 B 15.5  
20 03-- 0909 B 27.0-35.1  
20 23-- 0547 B 11.4-37.1  
21 0850 1023 B 30.0  
22 0400 1015 A 27.4  
23 01-- 11-- B 12.8  
24 0618 1035 B 19.6  
25 0531 1047 B 25.8  
26 21-- 2422 B 19.0  
28 0636 11-- B 36.2  
29 0717 1210 B 42.2

AUGUST 1966  
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NONE

AUGUST 1966  
PC4  
2 0518 0815 B 50.1  
15 07-- 1528 B 53.0  
26 1844 1902 B 133.5  
28 11-- 1250 B 54.2



SEPTEMBER 1966  
PC1  
19 09-- 2.6

SEPTEMBER 1966  
PC2  
17 03-- 8.8  
19 1408 6.7

SEPTEMBER 1966  
PC3  
1 020 3 38.2  
5 0840 3 31.0  
6 08-- 09-- 3 22.8  
14 09-- 1225 3 39.2  
16 0500 0920 3 20.6  
16 1101 1537 3 24.8  
22 0246 0535 3 36.9  
22 0616 07-- 3 34.6-39.2  
22 0952 1045 3 33.6  
23 0245 0710 3 13.4-32.5  
26 03-- 3 23.8  
26 0545 3 22.2  
27 08-- 3 25.3

SEPTEMBER 1966  
PC4  
NONE

NOVEMBER 1966  
PC1  
10 12-- 1335 3 3.8  
13 1037 1200 3 4.2

NOVEMBER 1966  
PC2  
5 0703 0805 3 6.0  
5 23-- 01-- 3 6.7  
12 02-- 0425 3 7.5  
22 1242 1428 3 10.0

NOVEMBER 1966  
PC3  
4 02-- 1025 3 34.5  
5 0920 1125 3 25.5  
8 0456 1150 3 31.0  
9 0333 0700 3 31.0  
9 0713 1042 3 36.5  
10 0100 0710 3 36.5  
10 0742 09-- 3 22.0  
12 0500 0827 3 29.0-45.0  
12 0938 1100 3 38.0  
13 0504 0903 3 26.0  
14 04-- 0900 3 33.0  
15 0353 0820 3 39.5  
19 02-- 1245 4 29.0  
22 0228 0740 3 31.0  
22 1100 1140 3 32.3  
23 0335 0537 3 29.5  
23 0539 11-- 3 23.5-32.0

NOVEMBER 1966  
PC4  
4 0135 0207 3 72.0  
6 1158 1340 3 49.0

SEPTEMBER 1966  
PC5  
NONE

SEPTEMBER 1966  
PC6  
NONE

SEPTEMBER 1966  
PI1  
NONE

SEPTEMBER 1966  
PI2  
21 2255 2312 B  
21 2332 2345 C  
22 1638 1650 B

SEPTEMBER 1966  
PG  
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NOVEMBER 1966  
PC5  
NONE

NOVEMBER 1966  
PC6  
NONE

NOVEMBER 1966  
PI1  
NONE

NOVEMBER 1966  
PI2  
5 0800 0810 B  
9 1823 1836 B  
23 0103 0120 B

NOVEMBER 1966  
PG  
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OCTOBER 1966  
PC1  
9 1207 1235 B 4.0

OCTOBER 1966  
PC2  
4 13-- 19-- B 5.5

OCTOBER 1966  
PC3  
3 1112 1215 B 33.5  
7 0426 0828 B 33.2  
8 0534 0750 B 34.0  
10 0350 1104 B 35.5  
12 0613 0950 B 30.5  
13 0743 0950 B 30.5  
14 0722 1113 B 29.0  
19 0405 10-- B 37.0  
20 0705 0910 B 33.3  
27 0552 0935 B 36.5  
28 0503 0608 B 32.0  
28 0700 1040 B 40.2  
28 1100 1305 B 38.5  
29 0400 09-- B 36.0

OCTOBER 1966  
PC4  
8 02-- 0420 B 77.0  
11 1228 1440 B 52.0  
30 04-- 09-- B 64.5

DECEMBER 1966  
PC1  
NONE

DECEMBER 1966  
PC2  
NONE

DECEMBER 1966  
PC3  
2 04-- 0640 B 34.0  
2 0747 1115 B 37.0  
3 0650 0820 B 25.0-38.0  
7 03-- 13-- B 36.0  
8 0303 0546 B 32.5  
8 0614 0735 B 32.0  
8 0923 1200 B 27.0  
9 0640 0910 B 39.0  
10 0425 0800 B 30.0  
16 02-- 12-- B 37.0  
19 0245 13-- B 35.0  
20 0320 1145 B 24.0  
21 1000 1337 B 26.8-33.5  
23 02-- 1000 B 26.5

DECEMBER 1966  
PC4  
20 1145 1250 B 47.0

OCTOBER 1966  
PC5  
NONE

OCTOBER 1966  
PC6  
NONE

OCTOBER 1966  
PI1  
NONE

OCTOBER 1966  
PI2  
10 1906 1923 B  
14 1844 1856 B  
14 2230 2247 B  
19 2238 2255 B  
29 1946 1957 B

OCTOBER 1966  
PG  
NONE

DECEMBER 1966  
PC5  
NONE

DECEMBER 1966  
PC6  
NONE

DECEMBER 1966  
PI1  
NONE

DECEMBER 1966  
PI2  
11 1808 1822 B

DECEMBER 1966  
PG  
NONE

