N.Z. DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

International Seismological Centre

APIA OBSERVATORY,

APIA, WESTERN SAMOA

ANNUAL REPORT

FOR

1945

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APIA OBSERVATORY

Annual Report for the Year 1945

International Seismological Centre

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Resident Staff, 1945

Director

J.W. Beagley M.Sc.(from December 8th)

Acting-Director

H.B. Sapsford B.Sc.(until December 7th)

Professional Assistants

A. Nicol	M.A.	(until 17th. November)
R.O. Davies	B.Sc.	(until 17th. November)
J.B. Owen	B.A.	(from 20th. August until 28th November)
G.F. Ridley	B.Sc.	(from 9th. November)
J.H. Croxton	B.Sc.	(from 8th December)

Meteorological Observers

(R.N.Z.A.F. Personnel)

Sgt. C. Scott		(until 6th. March)
Sgt. L.H.E. Mollring		(from 6th. March until 5th December)
M.D. Clark	A.C.I.	(until 19th. May)
A.A. Duncan	L.A.C.	(from 10th. May until 17th. November)

Locally Recruited Staff

Miss H.M. Sasse	Typiste	(until 30th. January)
Miss J. Leung Wai	"	(from 15th. January until 17th. August)
Miss Amanda Krone	"	(from 20th. August)
Siaosi Sumeo	Clerk	
Lafo Tuiletufuga	"	
Laulauga Motu	"	
Alaiva'a Leapai	"	
Otinelu Lio	"	
Ioane	"	
Laki Muliau	"	(until 4th. July)
Mu Tuiletufuga	Handyman	(from 4th. July)

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Apia Observatory, Western Samoa

Report of the Director for the year 1945

This report contains the results of observations made in Terrestrial Magnetism and Meteorology. Slight changes which have been made in the presentation of data will be referred to in the appropriate sections of the following text. The vertical component Weichert Seismograph was operated as usual and the horizontal component clock was sent to New Zealand for repair in April 1945. Because of staffing shortages the Seismological Section is not completed and so will be published in a separate bulletin. The automatic recording of the tides with the portable tide gauge No.11664 was continued. Hourly scalings of heights of the tide as well as the times and heights of the high and low waters have been forwarded to the United States Coast and Geodetic Survey in Washington.

Control:

Until December 7th. 1945 the Observatory was maintained as a Branch of the Meteorological Office of the New Zealand Air Department. On December 8th. the control of the institution reverted to the Department of Scientific and Industrial Research which assumed responsibility for the conduct of all geophysical activities viz. terrestrial magnetism seismology and tidal observations. The meteorological work continued to be carried out by Air Department Officers to whom all facilities were made available.

Staff:

Concomitant with the change in control Mr. Beagley assumed the duties of Director, while F/Lt. H.B. Sapsford who had been Acting Director commenced demobilisation leave. The Meteorological Officer in charge of the Meteorological Section was F/O J.H. Croxton.

Terrestrial Magnetism 1945

The programme of continuous photographic recording of horizontal intensity (H) declination (D) and vertical intensity (Z) was maintained throughout the year. Some loss of record occurred in (Z) during February and March due to a clock

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defect while further clock trouble was responsible for loss of (Z) record during the major part of the month of April. Owing to delay in arrival of the supply of photographic paper loss of record occured in all elements during the month of November. Regular weekly absolute observations were carried out with C.I.W. magnetometer No.9 and Schulze earth inductor No.2.

Intercomparison Observations:

Mr. J.W. Beagley of Christchurch Magnetic Observatory visited Apia during October 1945 for the purpose of making intercomparison observations with C.I.W. magnetometer No.27 and was assisted by F/O Nicol of the Apia Observatory Staff.

Changes in Presentation of Data:

Scale values and base line values have been tabulated in a more precise form, diurnal variation of all elements International Quiet Days have been corrected for non-cyclic change and tabulations of Fourier Coefficients of the average Seasonal Diurnal Variation have been introduced.

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Co-ordinates of Transit Pier

Latitude	13° 48' 26"	South
Longitude	171° 46' 30" of Greenwich	West or 11h 27m 6s west
Altitude	Two metres above mean sea level	

Standards of Time

Greenwich Mean Time is used in terrestrial magnetism and seismology (12h = Greenwich midday). Zone Time (165° west of Greenwich) is used in meteorology.

1945	Adopted Scale - Values	
	H	Z γ/mm.
January	2.25γ + 0.0038n	1.53
February	2.25γ + 0.0038n	1.56
March	2.26γ + 0.0040n	1.57
April	2.25γ + 0.0038n	1.55
May	2.25γ + 0.0038n	1.60
June	2.24γ + 0.0036n	1.61
July	2.24γ + 0.0038n	1.64
August	2.25γ + 0.0038n	1.64
September	2.25γ + 0.0038n	1.65
October	2.26γ + 0.0036n	1.67
November	2.27γ + 0.0042n	1.31
December	2.25γ + 0.0036n	1.31

BASE-LINES OF THE HORIZONTAL FORCE MAGNETOGRAPH IN 1945

Date	Adopted Value of Base-line	Date	Adopted Value of Base-line
1945	γ	1945	γ
January 1	34740	July 20	34741
" 21	34739	" 21	34742
February 4	34738	" 24	34743
" 18	34737	" 25	34745
March 6	34736	" 30	34746
" 22	34735	August 1	34747
April 1	34734	" 3	34748
" 19	34733	" 5	34749
May 1	34732	" 13	34748
" 11	34731	" 22	34747
" 19	34732	" 27	34746
" 30	34733	September 4	34745
June 5	34734	" 10	34744
" 10	34735	" 16	34743
" 20	34736	October 8	34742
July 2	34737	November 3	34741
" 10	34738	" 19	34740
" 15	34739	December 13	34739

BASE-LINES OF THE MAGNETIC DECLINATION MAGNETOGRAPH IN 1945

Date	Adopted Value of Base-line	Date	Adopted Value of Base-line
1945		1945	
January 1	10° 28'.0	November 1	10° 27'.9
August 1	10° 27'.5		

BASE-LINES OF THE VERTICAL FORCE MAGNETOGRAPH IN 1945

Date	Adopted Value of Base-line	Date	Adopted Value of Base-line
1945	γ	1945	γ
January 1	20602	October 4	20603
February 16	20603	" 8	20602
May 1	20604	" 12	20601
June 20	20603	" 17	20600
August 5	20604	" 21	20599
" 13	20605	" 27	20598
" 19	20606	" 30	20597
" 25	20607	November 3	20596
September 2	20608	" 7	20595
" 8	20609	" 11	20594
" 13	20608	" 15	20593
" 16	20607	" 20	20592
" 21	20606	" 25	20591
" 25	20605	" 26	20614
" 29	20604	December 13	20615

November 26d., discontinuity of Zb of +23γ

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Mean Values of Magnetic Elements, 1945

All Days

	D	H	X	Y	Z
	East	gamma	gamma	gamma	gamma
January	11°09'.91	34860.8	34201.2	6750.4	20653.5
February	11°10'.07	34862.0	34201.9	6753.7	20653.6
March	11°10'.56	34850.4	34189.5	6754.9	20654.1
April	11°10'.75	34847.4	34186.2	6756.2	---
May	11°11'.07	34855.5	34193.5	6760.9	20654.2
June	11°11'.36	34862.4	34199.7	6765.5	20653.4
July	11°11'.83	34861.6	34198.0	6769.7	20654.4
August	11°11'.87	34869.9	34206.1	6771.6	20652.9
September	11°12'.07	34871.2	34207.0	6773.8	20654.6
October	11°12'.11	34861.7	34197.6	6772.5	20649.8
November	11°12'.66	34877.1	34211.6	6780.9	20643.5
December	11°12'.66	34860.4	34195.2	6777.7	20640.5
YEAR	11°11'.41	34861.7	34199.0	6765.6	20651.3

International Quiet Days

	D	H	X	Y	Z
	East	gamma	gamma	gamma	gamma
January	11°09'.86	34864.2	34204.4	6750.6	20653.0
February	11°10'.08	34867.4	34207.3	6753.4	20653.2
March	11°10'.62	34860.6	34199.4	6757.4	20654.0
April	11°10'.90	34855.6	34193.9	6759.3	---
May	11°10'.94	34857.8	34196.0	6760.0	20653.8
June	11°11'.52	34863.0	34200.0	6766.6	20653.0
July	11°11'.92	34871.8	34207.5	6772.4	20653.6
August	11°11'.90	34879.2	34215.1	6773.7	20651.0
September	11°12'.18	34880.0	34215.3	6776.6	20654.6
October	11°12'.24	34872.6	34208.0	6775.8	20650.4
November	11°12'.72	34877.8	34212.2	6781.6	20645.8
December	11°12'.80	34874.0	34208.3	6781.7	20639.4
YEAR	11°11'.47	34868.7	34205.6	6767.4	20651.1

DIURNAL VARIATION OF HORIZONTAL INTENSITY
International Quiet Days, 1945
Corrected for non-cyclic change. Unit: One Gamma

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G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+24.3	+23.5	+27.2	+13.6	+ 4.9	+12.4	+15.0	+19.2	+23.5	+25.3	+30.1	+42.2
1- 2	+ 8.3	+16.6	+19.7	+ 5.8	+ 1.6	+ 8.9	+ 7.0	+11.3	+13.0	+13.1	+19.8	+28.8
2- 3	- 3.9	+ 7.7	+ 9.3	- 0.9	- 2.9	+ 2.9	+ 0.3	+ 2.7	+ 2.6	+ 2.7	+ 8.9	+16.2
3- 4	-10.3	- 1.0	- 4.0	- 5.5	- 7.7	- 3.0	- 4.9	- 4.2	- 5.0	- 3.7	- 2.7	- 4.3
4- 5	- 8.5	- 6.8	- 7.1	- 5.8	- 6.0	- 6.0	- 7.2	- 7.8	- 8.2	- 8.6	-11.8	-12.5
5- 6	- 7.6	- 9.9	-10.7	- 7.4	- 6.3	- 6.5	- 7.2	- 8.9	- 9.2	-10.0	-15.7	-14.9
6- 7	- 6.4	-12.0	-11.8	- 8.5	- 7.2	- 6.5	- 7.7	- 9.3	-11.5	-10.6	-16.8	-13.9
7- 8	- 5.7	-11.6	-12.3	- 8.5	- 7.6	- 7.2	- 8.3	-10.0	-12.5	-10.9	-17.3	-13.9
8- 9	- 5.5	-10.9	-13.1	- 7.6	- 6.5	- 8.0	- 8.4	- 9.8	-12.9	-11.3	-17.3	-12.4
9-10	- 4.9	-11.2	-12.2	- 7.0	- 7.0	- 7.7	- 9.4	- 8.9	-13.1	-10.5	-16.4	-12.0
10-11	- 6.4	-11.0	-11.7	- 6.1	- 5.7	- 8.3	- 9.3	- 8.9	-12.9	-10.3	-15.3	-12.6
11-12	- 7.2	-11.3	-10.9	- 5.5	- 6.3	- 6.8	- 8.1	- 8.6	-12.2	-11.2	-15.7	-13.2
12-13	- 7.4	-11.0	-10.8	- 4.8	- 6.8	- 6.6	- 7.6	- 8.8	-11.8	-11.4	-16.4	-13.2
13-14	- 8.6	-10.5	- 9.7	- 5.7	- 3.7	- 5.6	- 6.9	- 9.0	-11.4	-11.0	-15.1	-13.0
14-15	- 7.6	-10.2	- 9.7	- 6.1	- 2.7	- 4.7	- 5.3	- 8.5	-10.9	-10.1	-14.9	-13.4
15-16	- 7.7	- 9.4	- 9.0	- 6.0	- 1.8	- 3.5	- 4.0	- 7.5	-10.3	- 9.9	-15.0	-13.2
16-17	- 8.7	- 6.3	- 8.9	- 4.2	- 0.9	- 2.8	- 3.4	- 5.2	-10.3	- 9.3	-14.9	-12.6
17-18	- 8.1	- 5.6	- 8.1	- 2.1	+ 2.6	- 1.0	- 1.3	- 2.2	- 6.9	- 6.5	-13.1	-11.7
18-19	- 4.2	- 3.8	- 6.0	- 0.7	+ 7.4	+ 3.9	+ 3.1	+ 3.3	+ 0.3	- 1.8	- 7.4	- 8.3
19-20	+ 4.0	+ 3.5	+ 1.5	+ 3.6	+11.3	+ 8.9	+ 7.4	+10.5	+10.6	+ 6.6	+ 9.1	+ 0.7
20-21	+10.0	+12.4	+11.7	+ 9.2	+14.0	+10.2	+10.4	+15.2	+20.2	+15.8	+25.6	+13.3
21-22	+20.3	+22.4	+24.0	+17.1	+14.9	+12.8	+13.9	+18.6	+29.4	+26.7	+39.5	+27.9
22-23	+29.5	+28.1	+30.7	+23.3	+13.9	+13.3	+18.3	+21.7	+34.2	+33.9	+46.3	+35.8
23-24	+32.5	+27.4	+31.5	+21.6	+10.0	+13.1	+18.4	+21.9	+31.4	+31.9	+47.4	+36.4
R	42.8	40.1	44.6	31.8	22.6	21.6	27.8	31.9	47.3	45.3	64.7	57.1
N	+18.5	- 1.7	+ 8.0	+ 6.0	+ 3.0	+ 3.6	+ 6.0	+ 8.4	+10.1	+10.3	- 1.8	+ 5.2

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DIURNAL VARIATION OF DECLINATION
International Quiet Days, 1945
Corrected for non-cyclic change
Unit: One tenth of a minute of arc.

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+17.3	+22.6	+16.1	+ 5.3	- 1.1	- 2.6	- 6.9	- 6.6	+ 3.6	+14.5	+21.5	+20.8
1- 2	+16.8	+26.7	+16.8	+15.4	+ 8.0	+ 7.1	+ 4.0	+ 7.4	+13.2	+18.2	+21.8	+22.2
2- 3	+15.2	+20.4	+14.1	+20.8	+14.4	+15.2	+ 7.8	+15.1	+17.1	+15.9	+18.2	+21.3
3- 4	+12.1	+11.7	+ 8.5	+15.0	+14.3	+13.4	+ 9.1	+14.2	+15.1	+12.5	+14.1	+15.2
4- 5	+ 7.5	+ 6.4	+ 4.8	+ 8.8	+10.3	+ 7.1	+ 4.9	+ 8.7	+11.2	+ 7.8	+10.3	+ 7.5
5- 6	+ 4.0	+ 5.1	+ 2.3	+ 5.4	+ 3.4	+ 3.1	- 1.3	+ 4.6	+ 5.8	+ 5.5	+11.0	+ 5.2
6- 7	+ 4.1	+ 6.1	+ 5.4	+ 4.2	+ 2.5	+ 1.8	- 0.4	+ 2.1	+ 4.7	+ 6.0	+10.8	+ 6.5
7- 8	+ 3.3	+ 5.2	+ 3.6	+ 3.0	+ 1.1	+ 0.5	- 2.2	+ 1.8	+ 3.9	+ 5.6	+ 8.1	+ 5.2
8- 9	+ 2.8	+ 3.3	+ 3.1	+ 1.6	- 1.0	- 1.7	- 1.7	- 0.5	+ 2.4	+ 3.1	+ 5.7	+ 2.7
9-10	+ 1.6	+ 1.1	+ 1.0	+ 0.6	- 0.6	- 2.0	- 1.1	- 1.6	+ 0.4	+ 2.4	+ 4.2	+ 0.6
10-11	+ 0.9	+ 0.2	- 0.7	+ 0.4	- 0.1	- 2.4	- 0.9	- 0.9	- 0.1	+ 1.5	+ 2.4	+ 0.7
11-12	+ 0.4	- 0.9	- 0.9	+ 0.4	- 1.4	- 2.7	0.0	- 1.1	- 1.3	- 0.1	+ 0.5	- 0.7
12-13	+ 0.2	- 1.6	- 1.2	- 0.8	- 1.4	- 2.8	0.0	- 0.6	- 1.6	0.0	- 0.6	- 1.6
13-14	0.0	- 1.3	- 2.1	- 1.2	- 0.8	- 2.7	+ 0.6	+ 0.3	+ 0.3	+ 1.3	- 1.1	- 0.9
14-15	- 1.1	- 1.2	- 0.7	- 0.6	+ 1.3	- 0.8	+ 1.5	+ 2.3	+ 0.7	+ 0.5	- 2.0	- 0.3
15-16	- 3.0	- 1.1	0.0	+ 1.0	+ 3.4	+ 2.6	+ 3.5	+ 3.4	+ 2.0	+ 1.0	- 2.6	0.0
16-17	- 6.2	- 2.1	+ 0.3	+ 1.0	+ 2.6	+ 2.5	+ 4.3	+ 4.3	+ 2.2	- 0.1	- 5.5	- 2.5
17-18	-15.3	- 7.0	- 1.6	+ 1.6	+ 1.9	+ 2.5	+ 6.8	+ 5.6	+ 2.1	- 3.8	-14.9	-11.0
18-19	-24.9	-18.1	-11.2	- 1.6	+ 2.1	+ 3.8	+ 8.8	+ 7.1	- 3.3	-10.6	-29.2	-24.7
19-20	-23.6	-26.5	-23.5	-12.8	- 4.2	- 1.5	+ 6.3	- 2.4	-14.4	-21.3	-35.8	-33.0
20-21	-19.9	-28.8	-26.2	-22.4	-11.9	- 7.5	- 4.7	-11.1	-20.2	-24.8	-29.7	-26.3
21-22	- 9.3	-19.5	-17.5	-23.0	-15.1	-10.8	-11.1	-18.2	-19.9	-22.9	-16.5	-14.6
22-23	+ 3.4	- 5.4	- 3.1	-17.0	-12.6	-12.4	-13.6	-17.5	-14.5	-12.3	- 1.2	- 1.5
23-24	+14.0	+ 9.7	+ 9.6	- 6.8	- 7.8	- 7.9	-12.2	-13.6	- 6.2	+ 2.8	+15.8	+12.0
N	- 6.2	- 3.2	- 3.0	- 0.1	+ 3.4	+ 6.3	- 5.7	+ 2.7	+ 6.0	+ 3.0	+ 6.1	- 2.7
A-a		28.3	18.9	22.0	15.8	18.0	11.3	16.7	18.7	18.3	11.5	23.8
B-a		0.5	2.4	2.8	4.8	6.6	11.0	8.7	3.8	1.4	0.7	1.6
A-b	42.2	55.5	43.0	43.0	29.5	27.6	22.7	33.3	37.3	43.0	57.6	55.2
B-b		27.7	26.5	24.6	18.5	16.2	22.4	25.3	22.4	26.1	46.8	33.0

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DIURNAL VARIATION OF X, 1945
International Quiet Days. Unit: One Gamma
Corrected for non-cyclic change.

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+20.4	+18.6	+23.5	+12.3	+ 5.0	+12.7	+16.1	+20.1	+22.3	+22.0	+25.3	+37.3
1- 2	+ 4.8	+11.0	+16.0	+ 2.7	0	+ 7.3	+ 6.1	+ 9.6	+10.2	+ 9.3	+15.1	+23.9
2- 3	- 6.8	+ 3.6	+ 6.4	- 5.0	- 5.7	- 0.1	- 1.2	- 0.3	- 0.8	- 0.5	+ 5.2	+11.7
3- 4	-11.5	- 3.3	- 5.6	- 8.2	-10.4	- 5.6	- 6.6	- 6.9	- 7.9	- 6.1	- 5.4	- 7.2
4- 5	- 8.8	- 7.9	- 7.9	- 7.4	- 7.9	- 7.3	- 8.0	-10.4	-10.2	-10.0	-13.6	-13.7
5- 6	- 8.2	-10.7	-10.9	- 8.1	- 6.8	- 7.0	- 6.8	- 9.6	-10.2	-10.9	-17.6	-15.6
6- 7	- 7.1	-13.0	-12.6	- 9.2	- 7.6	- 6.7	- 7.5	- 9.5	-12.2	-11.6	-18.6	-14.9
7- 8	- 5.8	-12.4	-12.8	- 8.9	- 7.7	- 7.2	- 7.7	-10.2	-13.0	-11.8	-18.5	-14.6
8- 9	- 5.9	-11.3	-13.5	- 7.8	- 6.2	- 7.5	- 7.9	- 9.5	-13.1	-11.7	-18.1	-12.7
9-10	- 5.1	-11.2	-12.2	- 7.0	- 6.7	- 7.2	- 9.0	- 8.4	-12.9	-10.8	-16.9	-11.9
10-11	- 6.5	-10.8	-11.3	- 6.1	- 5.6	- 7.7	- 8.9	- 8.5	-12.6	-10.4	-15.5	-12.5
11-12	- 7.1	-10.9	-10.5	- 5.4	- 5.9	- 6.1	- 7.9	- 8.2	-11.7	-11.0	-15.5	-12.8
12-13	- 7.3	-10.5	-10.3	- 4.9	- 6.4	- 5.9	- 7.5	- 8.5	-11.3	-11.2	-16.0	-12.6
13-14	- 8.4	-10.0	- 9.1	- 5.8	- 3.5	- 5.0	- 6.9	- 8.9	-11.2	-11.0	-14.6	-12.6
14-15	- 7.2	- 9.8	- 9.4	- 6.1	- 2.9	- 4.5	- 5.5	- 8.8	-10.8	-10.0	-14.2	-13.1
15-16	- 7.0	- 9.0	- 8.8	- 6.1	- 2.4	- 3.9	- 4.6	- 8.0	-10.5	- 9.9	-14.2	-12.9
16-17	- 7.3	- 5.8	- 8.8	- 4.3	- 1.4	- 3.2	- 4.2	- 5.9	-10.5	- 9.1	-13.5	-11.9
17-18	- 4.9	- 4.1	- 7.6	- 1.8	+ 2.2	- 1.5	- 2.6	- 3.3	- 7.2	- 5.6	- 9.9	- 9.3
18-19	+ 0.8	- 0.2	- 3.7	- 0.4	+ 6.8	+ 3.1	+ 1.3	+ 1.8	+ 0.9	+ 0.3	- 1.5	- 3.3
19-20	+ 8.6	+ 8.6	+ 6.1	+ 6.0	+11.2	+ 9.0	+ 6.0	+10.8	+13.2	+10.7	+15.9	+ 7.2
20-21	+13.7	+17.8	+16.6	+13.4	+16.1	+10.5	+11.1	+17.1	+22.8	+20.3	+30.9	+18.2
21-22	+21.7	+25.8	+27.0	+21.3	+17.6	+14.7	+15.8	+21.8	+32.7	+30.7	+41.9	+30.2
22-23	+28.2	+28.6	+30.7	+26.2	+16.1	+15.5	+20.6	+24.7	+36.4	+37.6	+45.6	+35.4
23-24	+29.1	+25.0	+29.0	+22.5	+11.3	+14.4	+20.4	+24.1	+33.0	+30.7	+43.4	+33.3
R	40.6	41.6	44.2	35.4	28.0	23.2	29.6	35.1	49.5	49.4	64.2	52.9

International Seismological Centre

DIURNAL VARIATION OF Y, 1945
International Quiet Days. Unit: One Gamma
Corrected for non-cyclic change.

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+21.8	+27.0	+21.2	+ 7.9	- 0.2	- 0.2	- 4.0	- 2.9	+ 8.1	+19.2	+27.1	+28.7
1- 2	+18.3	+29.7	+20.5	+16.4	+ 8.3	+ 8.8	+ 5.3	+ 9.5	+15.6	+20.6	+25.5	+27.6
2- 3	+14.4	+21.8	+15.8	+20.5	+13.8	+15.7	+ 7.8	+15.5	+17.5	+16.3	+19.8	+24.3
3- 4	+10.1	+11.5	+ 7.7	+13.9	+12.8	+12.8	+ 8.1	+13.3	+14.1	+11.7	+13.5	+14.3
4- 5	+ 5.8	+ 5.1	+ 3.4	+ 7.7	+ 9.1	+ 5.9	+ 3.5	+ 7.2	+ 9.6	+ 6.1	+ 8.0	+ 5.1
5- 6	+ 2.5	+ 3.2	+ 0.3	+ 4.0	+ 2.2	+ 1.8	- 2.7	+ 2.9	+ 4.0	+ 3.6	+ 8.0	+ 2.3
6- 7	+ 2.9	+ 3.8	+ 3.1	+ 2.6	+ 1.1	+ 0.5	- 1.9	+ 0.3	+ 2.5	+ 4.0	+ 7.6	+ 3.8
7- 8	+ 2.2	+ 3.0	+ 1.2	+ 1.4	- 0.3	- 0.9	- 3.8	- 0.1	+ 1.5	+ 3.5	+ 4.8	+ 2.5
8- 9	+ 1.7	+ 1.2	+ 0.6	+ 0.2	- 2.2	- 3.2	- 3.3	- 2.4	- 0.1	+ 0.9	+ 2.4	+ 0.3
9-10	+ 0.7	- 1.0	- 1.3	- 0.7	- 1.9	- 3.5	- 2.9	- 3.2	- 2.1	+ 0.4	+ 1 1	- 1.7
10-11	- 0.3	- 1.9	- 2.9	- 0.8	- 1.2	- 4.0	- 2.7	- 2.6	- 2.6	- 0.5	- 0.5	- 1.7
11-12	- 1.0	- 3.1	- 3.0	- 0.7	- 2.6	- 4.0	- 1.5	- 2.7	- 3.6	- 2.2	- 2.5	- 3.2
12-13	- 1.2	- 3.7	- 3.2	- 1.7	- 2.7	- 4.0	- 1.4	- 2.3	- 3.8	- 2.2	- 3.7	- 4.1
13-14	- 1.6	- 3.3	- 3.9	- 2.3	- 1.5	- 3.8	- 0.7	- 1.4	- 1.9	- 0.8	- 4.0	- 3.4
14-15	- 2.5	- 2.9	- 2.5	- 1.8	+ 0.8	- 1.7	+ 0.5	+ 0.7	- 1.4	- 1.4	- 4.8	- 2.9
15-16	- 4.5	- 2.9	- 1.7	- 1.0	+ 3.0	+ 1.9	+ 2.7	+ 2.0	+ 0.0	- 0.9	- 5.4	- 2.5
16-17	- 7.8	- 3.3	- 1.4	- 0.7	+ 2.4	+ 2.0	+ 3.6	+ 3.3	+ 0.2	- 1.9	- 8.3	- 4.9
17-18	-16.8	- 8.0	- 3.1	+ 1.2	+ 2.4	+ 2.3	+ 6.5	+ 5.2	+ 0.8	- 5.0	-17.3	-13.2
18-19	-25.6	-18.7	-12.3	- 1.7	+ 3.5	+ 4.5	+ 9.4	+ 7.7	- 3.2	-10.9	-30.5	-26.2
19-20	-22.7	-25.7	-23.1	-12.1	- 2.0	+ 0.2	+ 7.7	- 0.4	-12.3	-19.9	-33.9	-32.7
20-21	-17.9	-26.3	-23.9	-20.5	- 9.0	- 5.5	- 2.7	- 8.2	-16.3	-21.7	-24.7	-23.6
21-22	- 5.4	-15.1	-12.9	-19.6	-12.2	- 8.3	- 8.4	-14.6	-14.2	-17.7	- 8.9	- 9.2
22-23	+ 9.0	- 0.0	+ 2.7	-12.5	- 9.9	- 9.8	-10.1	-13.3	- 7.9	- 5.8	- 7.6	+ 5.3
23-24	+20.1	+14.9	+15.5	- 2.7	- 5.9	- 5.4	- 8.6	- 9.4	- 0.2	+ 8.9	+24.7	+18.9

A-a	19.3	33.4	24.4	22.8	16.5	19.7	11.9	18.7	21.3	22.8	-	32.8
B-a	0.4	0.8	2.5	3.5	6.2	8.5	13.2	10.9	4.6	1.4	-	1.6
A-b	47.4	56.0	44.4	41.0	26.0	25.5	18.2	30.1	33.8	42.3	61.0	61.4
B-b	28.5	23.4	22.5	21.7	15.7	14.3	19.5	22.3	17.1	20.9	-	30.2

International Seismological Centre

DIURNAL VARIATION OF VERTICAL INTENSITY
International Quiet Days, 1945
Corrected for non-cyclic change. Unit: One Gamma

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+ 5.4	- 1.6	- 3.2	- 4.5	- 5.2	- 4.1	- 4.1	- 4.2	- 2.7	+ 1.0	+ 1.3	
1- 2	+ 3.7	- 2.5	- 3.8	- 4.2	- 4.9	- 5.2	- 3.8	- 4.4	- 4.3	0.0	+ 0.8	
2- 3	+ 0.4	- 3.3	- 4.7	- 3.9	- 3.8	- 4.3	- 2.1	- 5.4	- 4.6	- 0.1	- 0.3	
3- 4	- 1.8	- 4.1	- 4.3	- 2.1	- 4.2	- 2.3	- 0.8	- 5.9	- 3.6	- 1.1	- 2.2	
4- 5	- 2.9	- 4.4	- 3.1	- 0.6	- 4.1	- 2.0	- 1.1	- 3.9	- 3.1	- 2.5	- 3.8	
5- 6	- 3.4	- 3.4	- 2.7	- 1.1	- 2.6	- 1.5	- 1.6	- 2.3	- 2.3	- 2.0	- 3.1	
6- 7	- 2.5	- 1.8	- 1.2	- 1.2	- 1.3	- 1.0	- 1.3	- 0.5	- 1.1	- 1.2	- 2.4	
7- 8	- 2.2	- 0.5	- 0.4	- 0.6	- 0.6	- 0.4	- 0.8	- 0.5	- 0.4	- 0.8	- 1.6	
8- 9	- 1.2	+ 0.7	- 0.2	+ 0.3	+ 0.5	- 0.7	- 0.5	+ 0.2	+ 0.4	- 0.3	- 1.3	
9-10	- 0.3	+ 0.7	+ 0.5	+ 1.0	+ 0.9	- 0.6	+ 0.3	+ 0.8	+ 1.1	+ 0.7	- 0.8	
10-11	+ 0.2	+ 0.7	+ 1.1	+ 1.9	+ 1.2	- 0.1	+ 0.6	+ 0.8	+ 1.3	+ 1.1	- 0.4	
11-12	+ 1.7	+ 1.4	+ 1.7	+ 2.1	+ 1.3	+ 0.5	+ 1.1	+ 0.6	+ 1.5	+ 1.4	+ 0.1	
12-13	+ 2.0	+ 1.6	+ 2.4	+ 2.4	+ 1.8	+ 0.8	+ 1.6	+ 1.2	+ 2.0	+ 1.6	+ 0.2	
13-14	+ 2.5	+ 2.6	+ 2.7	+ 2.9	+ 1.5	+ 1.5	+ 2.5	+ 1.8	+ 2.7	+ 2.0	+ 0.9	
14-15	+ 3.2	+ 3.1	+ 3.3	+ 2.9	+ 1.8	+ 2.1	+ 2.6	+ 2.6	+ 3.1	+ 2.1	+ 1.2	
15-16	+ 2.3	+ 3.3	+ 3.5	+ 2.8	+ 2.5	+ 2.4	+ 3.1	+ 3.4	+ 3.3	+ 1.7	+ 2.2	
16-17	+ 1.6	+ 3.7	+ 3.8	+ 2.1	+ 2.7	+ 2.7	+ 3.1	+ 4.0	+ 3.6	+ 1.5	+ 2.7	
17-18	0.0	+ 3.3	+ 3.4	+ 1.6	+ 2.8	+ 2.6	+ 3.2	+ 4.5	+ 3.2	+ 0.8	+ 2.2	
18-19	- 1.7	+ 2.0	+ 2.6	+ 1.8	+ 4.1	+ 2.8	+ 3.5	+ 4.5	+ 2.3	- 1.6	+ 0.6	
19-20	- 3.6	- 0.4	+ 0.7	+ 1.7	+ 4.6	+ 2.9	+ 3.0	+ 3.7	+ 0.3	- 3.4	- 0.3	
20-21	- 4.7	- 1.0	+ 0.1	+ 0.6	+ 3.5	+ 2.0	+ 0.5	+ 1.3	- 1.1	- 3.1	- 0.6	
21-22	- 2.4	- 0.3	- 0.9	- 0.9	+ 2.2	+ 0.7	- 1.8	- 0.1	- 2.2	- 1.1	0.0	
22-23	+ 1.0	+ 1.3	- 0.7	- 1.5	- 1.2	- 1.1	- 2.7	- 2.6	- 1.6	+ 0.9	+ 0.1	
23-24	+ 4.9	+ 1.7	- 1.6	- 2.6	- 4.1	- 2.4	- 3.4	- 4.2	- 1.9	+ 2.4	+ 1.0	
R	10.1	8.1	8.5	7.4	9.8	8.1	7.6	10.4	8.2	5.5	6.5	
N	+ 2.8	+ 0.7	- 0.8	+ 3.0	- 2.0	+ 3.0	+ 2.1	+ 0.4	+ 3.8	+ 4.0	- 1.7	

International Seismological Centre

Diurnal Variation of Horizontal Force - All Days 1945

Not corrected for non-cyclic change. Unit: One Gamma

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+24.0	+21.4	+20.2	+13.7	+ 8.9	+10.8	+13.5	+21.0	+19.9	+23.5	+33.6	+30.5
1- 2	+12.8	+13.1	+11.0	+ 7.1	+ 4.1	+ 5.4	+ 5.8	+12.2	+ 8.1	+13.0	+22.0	+19.6
2- 3	+ 0.3	+ 4.4	+ 2.0	- 2.8	- 1.7	- 0.8	- 0.3	+ 1.4	- 1.6	+ 2.4	+ 7.8	+ 3.4
3- 4	- 7.5	- 3.5	- 5.9	- 5.8	- 7.0	- 5.6	- 5.5	- 8.5	- 7.7	- 6.0	- 2.9	-10.1
4- 5	-12.9	- 8.2	- 9.2	- 6.2	- 9.3	- 7.2	- 8.6	-11.8	-10.2	- 9.9	- 9.9	-15.9
5- 6	-15.6	-10.8	-10.1	- 6.1	-11.4	- 6.5	- 9.5	-11.0	-10.3	-11.3	-13.7	-16.2
6- 7	-14.4	-11.3	-10.6	-10.5	-12.8	- 7.0	-10.4	-11.4	-11.1	-12.3	-15.2	-15.0
7- 8	-13.0	-10.3	-10.3	- 9.3	-12.5	- 6.9	-10.6	-12.5	-12.6	-13.1	-17.2	-13.8
8- 9	-12.5	-10.6	-10.0	- 7.7	-11.1	- 8.7	-11.4	-13.1	-13.7	-11.7	-16.8	-12.1
9-10	-11.3	- 9.8	-10.9	- 6.9	-10.1	- 9.0	-10.6	-13.3	-13.1	-11.5	-14.9	-13.4
10-11	- 8.8	- 9.2	- 7.9	- 7.3	- 9.3	- 8.9	-10.4	-11.4	-12.4	-12.5	-14.2	-13.4
11-12	- 8.6	- 8.6	- 6.3	- 7.2	- 7.4	- 8.1	- 9.6	-10.7	-11.5	-11.6	-15.7	-13.6
12-13	- 7.8	- 8.2	- 7.7	- 6.1	- 7.4	- 6.4	- 7.8	-10.0	-11.4	-11.4	-15.9	-13.6
13-14	- 7.2	- 7.4	- 5.9	- 5.8	- 6.5	- 5.2	- 6.7	- 8.6	-10.1	-10.2	-13.6	-10.9
14-15	- 7.1	- 6.6	- 5.1	- 5.7	- 4.9	- 3.7	- 4.4	- 7.1	- 8.2	- 8.1	-13.1	- 9.9
15-16	- 6.0	- 5.8	- 3.6	- 5.0	- 3.3	- 2.6	- 2.6	- 5.5	- 6.8	- 7.8	-12.7	- 9.0
16-17	- 5.8	- 6.1	- 3.9	- 4.0	- 0.8	- 1.9	- 0.3	- 3.7	- 5.6	- 6.8	-12.3	- 9.2
17-18	- 5.0	- 5.4	- 4.5	- 2.1	+ 3.6	+ 1.5	+ 1.8	- 0.2	- 3.1	- 4.7	-11.3	- 7.2
18-19	- 2.3	- 4.1	- 3.3	+ 2.0	+ 9.6	+ 6.5	+ 6.6	+ 5.4	+ 3.6	- 0.8	- 6.1	- 2.7
19-20	+ 2.8	+ 1.7	+ 2.6	+ 7.2	+13.6	+11.2	+11.8	+11.9	+13.4	+ 7.9	+ 8.1	+ 6.6
20-21	+11.2	+ 9.7	+10.6	+10.5	+17.8	+12.3	+14.1	+16.7	+21.0	+17.2	+22.0	+18.4
21-22	+25.3	+20.5	+19.9	+16.2	+21.2	+14.1	+16.8	+21.3	+27.9	+27.1	+34.2	+31.9
22-23	+34.1	+27.0	+23.9	+20.7	+20.5	+13.9	+19.4	+24.8	+29.9	+31.1	+40.3	+39.2
23-24	+34.0	+26.9	+24.6	+20.0	+14.6	+13.6	+19.3	+25.0	+26.6	+29.6	+39.9	+37.6
R	49.7	38.3	35.5	31.2	34.0	23.0	30.8	38.3	43.6	44.2	57.5	55.4
N	+ 1.9	- 0.4	- 0.1	- 0.3	+ 0.2	- 0.1	+ 0.8	- 0.5	- 0.7	+ 0.9	- 1.4	- 0.1

International Seismological Centre

DIURNAL VARIATION OF DECLINATION - ALL DAYS 1945

Not corrected for non-cyclic change. Unit: One tenth of a minute of arc

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+21.3	+19.2	+19.6	+ 5.1	- 3.6	- 5.4	- 7.5	- 7.7	+ 0.2	+15.7	+22.9	+18.5
1- 2	+21.2	+19.8	+18.7	+10.6	+ 3.8	+ 3.8	+ 1.0	+ 2.9	+10.5	+18.5	+22.3	+19.6
2- 3	+18.8	+16.7	+12.9	+14.8	+ 9.3	+11.3	+ 7.5	+11.7	+14.6	+16.6	+17.7	+19.4
3- 4	+14.0	+12.1	+ 7.0	+13.0	+10.7	+10.9	+ 8.3	+12.9	+12.6	+12.0	+12.3	+16.7
4- 5	+ 8.5	+ 8.3	+ 4.0	+ 8.7	+ 7.5	+ 5.7	+ 4.2	+ 7.6	+ 8.8	+ 7.8	+ 8.5	+11.7
5- 6	+ 6.2	+ 6.1	+ 3.8	+ 6.6	+ 2.8	+ 1.0	+ 1.3	+ 2.6	+ 4.8	+ 6.4	+ 8.7	+ 9.6
6- 7	+ 6.4	+ 7.3	+ 5.7	+ 5.2	+ 1.5	- 0.4	+ 0.9	+ 1.5	+ 4.1	+ 7.0	+ 8.9	+10.7
7- 8	+ 5.9	+ 6.6	+ 4.3	+ 2.1	- 0.4	- 1.5	- 0.5	+ 0.4	+ 2.5	+ 5.2	+ 7.1	+ 8.9
8- 9	+ 3.9	+ 4.6	+ 2.1	+ 0.2	- 2.1	- 2.6	- 1.8	- 1.3	+ 0.2	+ 2.2	+ 4.5	+ 5.7
9-10	+ 1.5	+ 1.8	- 0.8	- 1.4	- 2.3	- 3.4	- 2.6	- 2.4	- 0.7	+ 1.1	+ 1.9	+ 3.6
10-11	- 0.2	- 0.2	- 2.4	- 1.2	- 2.1	- 3.6	- 3.0	- 2.7	- 2.0	- 0.5	+ 0.4	+ 1.0
11-12	- 1.3	- 1.2	- 3.7	- 2.2	- 2.4	- 3.9	- 2.4	- 2.5	- 2.4	- 2.6	- 0.7	- 1.3
12-13	- 1.6	- 1.8	- 3.7	- 1.9	- 1.8	- 3.2	- 2.2	- 2.1	- 1.8	- 2.2	- 1.0	- 2.7
13-14	- 2.5	- 2.0	- 3.1	- 0.7	- 1.2	- 2.5	- 0.9	- 0.9	+ 0.2	- 1.1	- 0.5	- 2.7
14-15	- 3.3	- 2.2	- 2.3	+ 0.7	+ 1.0	- 0.1	+ 1.3	+ 1.2	+ 1.9	+ 0.3	- 1.1	- 2.1
15-16	- 4.0	- 2.9	- 1.9	+ 1.9	+ 3.0	+ 2.7	+ 3.3	+ 3.2	+ 4.3	+ 0.9	- 1.0	- 1.7
16-17	- 6.3	- 3.3	- 2.0	+ 2.4	+ 3.9	+ 4.5	+ 4.2	+ 4.6	+ 4.9	+ 0.5	- 5.3	- 3.7
17-18	-16.2	- 9.2	- 5.2	+ 2.1	+ 4.6	+ 4.8	+ 5.1	+ 6.5	+ 4.1	- 5.1	-15.3	-12.3
18-19	-24.8	-19.7	-13.1	- 1.7	+ 6.5	+ 8.0	+ 7.8	+ 8.6	+ 0.5	-15.7	-27.5	-25.0
19-20	-27.3	-28.1	-22.1	-12.8	+ 0.2	+ 5.3	+ 5.8	+ 2.0	- 9.7	-23.7	-34.9	-32.8
20-21	-22.6	-26.6	-21.8	-18.5	- 6.6	- 1.6	- 1.5	- 6.1	-17.1	-24.4	-28.8	-28.7
21-22	-12.7	-14.9	-11.6	-18.3	-11.3	- 8.1	- 7.3	-12.7	-18.0	-18.9	-15.1	-17.8
22-23	+ 0.6	- 0.9	+ 0.8	-12.8	-12.0	-11.9	- 9.9	-15.1	-14.9	- 7.3	+ 1.1	- 3.9
23-24	+13.8	+10.6	+12.4	- 3.8	- 9.5	-10.5	-11.0	-14.1	- 7.9	- 6.6	+17.3	+10.2
N	+ 0.5	- 0.3	+ 0.2	- 0.2	- 0.3	+ 0.4	+ 0.3	- 0.4	+ 1.3	+ 0.3	+ 1.3	- 0.6
A-a		13.7	23.3	17.0	13.1	15.2	11.3	15.6	17.0	21.1	14.4	22.3
B-a		1.2	1.8	4.6	8.9	11.9	10.8	11.3	7.3	3.5	0.4	1.0
A-b	48.6	47.9	41.7	33.3	22.7	23.2	19.3	28.0	32.6	42.9	57.8	52.4
B-b		35.4	20.2	20.9	18.5	19.9	18.8	23.7	22.9	25.3	43.8	31.1

International Seismological Centre

Diurnal Variation of Vertical Force - All Days 1945
Not corrected for non-cyclic change. Unit: One Gamma

G.M.T.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
0- 1	+ 1.0	- 0.1	- 3.5	- 4.3	- 4.4	- 3.3	- 3.6	- 4.6	- 1.8	- 1.0	+ 0.3	
1- 2	+ 1.1	- 1.3	- 4.7	- 4.9	- 4.7	- 4.3	- 4.8	- 5.7	- 2.7	- 2.4	+ 0.3	
2- 3	- 2.8	- 2.3	- 5.3	- 4.9	- 3.9	- 4.2	- 5.6	- 5.7	- 3.0	- 3.2	- 0.1	
3- 4	- 3.4	- 3.0	- 5.2	- 4.0	- 3.1	- 3.2	- 5.0	- 4.9	- 3.3	- 3.7	- 1.7	
4- 5	- 3.4	- 3.2	- 4.2	- 2.5	- 2.3	- 2.9	- 3.9	- 3.5	- 3.1	- 3.5	- 2.6	
5- 6	- 3.0	- 2.9	- 2.6	- 1.9	- 1.7	- 2.3	- 3.0	- 2.5	- 2.4	- 2.7	- 2.4	
6- 7	- 1.4	- 1.5	- 0.8	- 1.6	- 1.2	- 1.6	- 2.2	- 1.4	- 1.4	- 1.7	- 1.3	
7- 8	- 0.4	- 0.3	+ 0.4	- 0.8	- 0.8	- 0.9	- 1.5	- 1.0	- 0.7	- 0.9	- 0.5	
8- 9	+ 0.2	+ 0.2	+ 0.9	- 0.1	- 0.5	- 0.9	- 0.8	- 0.4	+ 0.3	- 0.4	+ 0.2	
9-10	+ 1.0	+ 0.3	+ 1.8	+ 0.3	- 0.3	- 0.6	- 0.3	+ 0.4	+ 0.9	+ 0.6	+ 0.9	
10-11	+ 1.6	+ 0.7	+ 2.6	+ 1.0	+ 0.2	- 0.3	+ 0.4	+ 1.0	+ 1.2	+ 1.4	+ 1.4	
11-12	+ 1.9	+ 1.6	+ 3.1	+ 1.5	+ 0.5	+ 0.4	+ 1.1	+ 1.8	+ 1.9	+ 1.8	+ 1.4	
12-13	+ 2.3	+ 2.1	+ 3.4	+ 1.8	+ 1.4	+ 0.9	+ 1.8	+ 2.6	+ 2.7	+ 2.5	+ 1.9	
13-14	+ 2.4	+ 3.0	+ 3.8	+ 2.1	+ 1.8	+ 1.5	+ 2.4	+ 3.5	+ 3.7	+ 3.4	+ 2.7	
14-15	+ 2.8	+ 3.3	+ 4.5	+ 2.7	+ 2.4	+ 2.1	+ 2.8	+ 4.1	+ 4.7	+ 3.6	+ 3.1	
15-16	+ 2.9	+ 3.5	+ 4.8	+ 3.2	+ 2.8	+ 2.6	+ 3.3	+ 4.5	+ 4.8	+ 3.6	+ 3.6	
16-17	+ 2.7	+ 3.4	+ 4.8	+ 3.4	+ 2.9	+ 3.0	+ 3.5	+ 4.5	+ 4.8	+ 3.1	+ 3.3	
17-18	+ 1.9	+ 2.8	+ 4.0	+ 3.5	+ 2.8	+ 2.9	+ 4.0	+ 4.3	+ 4.1	+ 2.1	+ 2.4	
18-19	0	+ 1.1	+ 3.0	+ 3.9	+ 3.5	+ 3.2	+ 4.5	+ 4.2	+ 1.7	+ 0.1	+ 0.3	
19-20	- 1.8	- 1.2	+ 0.9	+ 3.3	+ 3.9	+ 3.8	+ 4.3	+ 2.8	- 0.6	- 1.5	- 2.3	
20-21	- 2.2	- 2.6	- 1.0	+ 2.2	+ 2.8	+ 2.9	+ 2.7	+ 0.8	- 2.4	- 2.0	- 3.3	
21-22	- 0.6	- 2.1	- 2.0	+ 0.2	+ 1.4	+ 1.5	+ 1.0	- 0.7	- 3.3	- 1.4	- 3.1	
22-23	+ 0.5	- 0.9	- 2.5	- 1.7	- 1.0	+ 0.2	- 0.8	- 2.4	- 3.7	+ 0.1	- 2.0	
23-24	+ 1.1	+ 0.7	- 2.8	- 3.1	- 2.6	- 1.4	- 2.1	- 3.4	- 2.9	+ 0.7	- 0.7	
R	6.3	6.7	10.1	8.8	8.6	8.1	10.1	10.2	8.5	7.3	6.9	
N	- 0.4	+ 0.4	0	+ 0.3	+ 0.2	0	+ 0.1	+ 0.1	- 0.5	+ 0.3	0	

International Seismological Centre

Fourier Coefficients of the Average Seasonal Diurnal Variation
for Greenwich Mean Day, at Apia, Western Samoa.
(Apia Observatory: Lat. 13°48'26" S; Long. 171°46'30" W.)

1945	C_1	1	C_2	2	C_3	3	C_4	4
Magnetic Horizontal Force (Unit 1γ)								
Four Summer Months.	19.56	118°10'	11.52	130°30'	4.57	149°40'	0.80	201°55'
Four Equinoctial Months.	15.52	124°05'	7.91	139°50'	3.23	163°15'	0.75	179°05'
Four Winter Months.	14.15	134°20'	5.06	152°05'	1.42	162°15'	0.66	87°40'
Year	16.30	124°40'	8.08	137°55'	3.05	156°20'	0.03	178°35'
Magnetic Vertical Force (Unit 1γ)								
Four Summer Months.	2.43	241°30'	1.02	67°05'	1.21	104°35'	0.39	142°35'
Four Equinoctial Months.	3.96	237°20'	0.62	307°00'	0.50	124°20'	0.51	138°45'
Four Winter Months.	0.83	219°50'	1.29	246°35'	0.45	255°10'	0.03	331°55'
Year	3.29	232°05'	0.26	289°35'	0.45	121°15'	0.29	139°35'
Magnetic Declination (Unit 1')								
Four Summer Months.	14.70	20°10'	10.69	54°15'	7.00	106°25'	1.68	162°00'
Four Equinoctial Months.	8.16	13°25'	8.30	21°30'	5.07	74°30'	1.39	111°10'
Four Winter Months.	1.13	329°40'	7.06	330°30'	4.29	351°35'	1.57	352°40'
Year	7.89	15°30'	7.24	22°15'	3.85	71°45'	0.57	108°20'

International Seismological Centre

VALUES OF "K" AT APIA FOR JANUARY, 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	2	2	2	2	2	0	2	3
2nd.	3	3	1	2	2	2	3	2
3rd.	2	2	1	3	1	2	3	3
4th.	2	3	0	1	1	1	3	2
5th.	2	3	2	2	2	1	1	2
6th.	1	1	1	2	1	1	2	3
7th.	2	3	2	3	2	1	2	2
8th.	1	2	1	0	2	2	2	2
9th.	2	2	1	2	2	2	3	5
10th.	3	3	3	4	3	1	2	2
11th.	2	2	1	0	1	1	2	2
12th.	1	2	2	1	1	1	2	2
13th.	3	3	2	2	0	2	2	2
14th.	2	2	1	2	2	1	2	3
15th.	3	5	4	4	-	-	-	3
16th.	2	2	2	3	1	1	3	3
17th.	1	3	1	4	2	2	2	2
18th.	2	1	0	0	2	2	3	3
19th.	2	1	1	2	1	2	3	1
20th.	1	3	1	2	3	2	2	3
21st.	4	2	1	1	2	2	1	2
22nd.	3	1	0	1	1	1	1	3
23rd.	3	4	1	1	1	2	3	1
24th.	1	1	2	1	1	0	3	2
25th.	2	3	1	0	0	2	3	2
26th.	2	3	3	3	3	3	2	2
27th.	3	3	1	1	3	1	2	3
28th.	4	2	1	2	2	3	5	5
29th.	5	4	3	3	3	3	3	2
30th.	2	3	2	3	2	1	0	2
31st.	2	1	1	-	-	-	-	2

International Seismological Centre

VALUES OF "K" AT APIA FOR FEBRUARY 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	3	2	2	1	1	0	2	1
2nd.	3	1	1	3	2	2	3	2
3rd.	2	2	0	2	2	2	1	1
4th.	2	1	2	1	1	1	3	3
5th.	3	5	4	2	3	2	4	2
6th.	2	3	2	3	2	2	1	3
7th.	0	2	1	0	1	1	2	2
8th.	3	3	3	3	2	2	1	4
9th.	3	2	2	3	2	1	3	2
10th.	3	2	2	3	0	0	2	2
11th.	1	3	2	2	0	1	2	2
12th.	2	3	3	2	1	0	3	2
13th.	1	0	2	2	1	1	2	0
14th.	2	2	0	2	1	2	3	3
15th.	4	3	3	4	2	2	3	3
16th.	2	2	2	3	3	3	2	2
17th.	-	-	-	-	-	-	-	2
18th.	1	1	1	0	3	1	2	3
19th.	3	1	0	1	2	2	2	3
20th.	2	1	1	0	1	2	2	3
21st.	3	2	1	0	1	1	1	3
22nd.	3	1	1	3	2	1	2	3
23rd.	2	2	0	3	3	1	3	3
24th.	2	3	2	1	1	2	3	2
25th.	3	3	1	2	1	2	3	2
26th.	1	3	2	1	2	3	3	3
27th.	2	2	3	2	3	1	3	2
28th.	3	2	2	1	1	2	3	2

International Seismological Centre

VALUES OF "K" AT APIA FOR MARCH 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	2	1	1	3	1	0	3	1
2nd.	2	1	0	1	1	2	4	3
3rd.	4	3	3	3	1	1	3	2
4th.	3	0	1	1	2	0	2	2
5th.	1	1	2	2	2	3	4	4
6th.	2	2	2	2	2	2	2	3
7th.	3	2	3	3	0	2	1	1
8th.	3	3	2	4	4	3	0	3
9th.	2	2	1	2	1	1	2	2
10th.	2	1	1	0	1	0	2	3
11th.	5	4	3	4	2	3	4	1
12th.	3	3	3	5	3	5	4	4
13th.	4	3	1	3	2	0	3	3
14th.	2	3	2	2	0	1	3	3
15th.	6	2	4	3	4	5	3	3
16th.	2	2	2	4	3	3	2	2
17th.	2	2	2	3	1	2	3	2
18th.	2	2	2	2	2	1	2	3
19th.	3	1	1	1	2	0	2	2
20th.	3	1	2	2	1	0	4	4
21st.	2	2	2	2	2	1	2	0
22nd.	2	2	0	1	0	0	2	2
23rd.	3	0	2	2	0	0	2	1
24th.	0	1	3	4	2	2	2	2
25th.	1	1	0	1	0	2	2	4
26th.	4	4	5	5	4	3	4	4
27th.	2	3	2	3	3	2	4	3
28th.	3	3	5	6	5	3	3	3
29th.	2	3	4	2	2	2	3	3
30th.	1	3	1	1	1	0	3	1
31st.	2	2	0	0	0	1	2	2

International Seismological Centre

VALUES OF "K" AT APIA FOR APRIL 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	3	4	6	4	4	2	3	3
2nd.	3	4	3	0	2	1	3	3
3rd.	3	2	1	1	0	0	0	3
4th.	2	1	1	0	3	3	3	1
5th.	2	1	2	4	2	2	4	3
6th.	3	2	4	4	1	2	1	3
7th.	3	3	4	1	2	0	2	4
8th.	3	3	3	3	3	0	1	2
9th.	2	2	0	0	0	1	1	0
10th.	2	2	1	2	3	0	2	1
11th.	1	2	4	6	4	3	2	3
12th.	2	4	4	2	2	2	4	4
13th.	4	2	3	4	3	2	2	3
14th.	3	3	3	3	3	2	2	2
15th.	2	3	3	4	3	1	2	3
16th.	2	2	1	2	0	0	2	1
17th.	2	2	2	0	0	0	2	1
18th.	2	0	2	2	0	0	2	1
19th.	2	2	3	2	3	3	3	3
20th.	2	3	3	4	4	1	2	1
21st.	2	1	0	0	2	2	2	5
22nd.	4	3	1	2	0	0	3	2
23rd.	2	1	2	3	3	2	3	3
24th.	4	3	3	3	1	2	2	3
25th.	2	4	2	1	0	0	2	1
26th.	2	1	0	0	2	1	2	2
27th.	2	3	0	1	0	0	0	3
28th.	2	1	0	0	2	2	2	2
29th.	2	2	0	0	2	3	2	3
30th.	2	2	3	3	1	2	2	2

International Seismological Centre

VALUES OF "K" AT APIA FOR MAY 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	-	-	-	-	-	-	-	2
2nd.	4	3	3	2	2	1	2	2
3rd.	3	3	2	2	1	1	2	3
4th.	2	2	2	1	0	1	2	3
5th.	2	2	2	0	1	0	2	1
6th.	1	2	0	2	0	2	2	2
7th.	1	3	0	0	1	0	1	3
8th.	1	2	2	1	1	2	2	3
9th.	3	2	3	2	2	3	3	3
10th.	1	3	2	3	1	3	2	3
11th.	2	5	4	3	3	3	3	2
12th.	4	3	3	2	0	1	3	2
13th.	2	4	2	2	2	2	1	2
14th.	2	2	1	2	2	2	1	3
15th.	2	2	1	0	0	1	1	2
16th.	2	2	2	1	0	1	1	4
17th.	3	2	3	1	0	1	2	2
18th.	2	2	2	1	3	4	4	3
19th.	2	2	1	2	3	1	2	3
20th.	3	3	3	2	0	3	2	3
21st.	3	3	2	2	1	2	2	3
22nd.	2	2	2	3	1	0	0	2
23rd.	3	3	4	2	1	1	2	3
24th.	1	3	2	2	1	1	2	2
25th.	2	3	3	2	2	3	4	4
26th.	2	2	2	1	2	3	2	3
27th.	3	1	0	1	0	2	3	2
28th.	1	2	2	2	0	2	2	2
29th.	3	3	1	2	1	1	2	2
30th.	3	2	3	2	1	2	2	3
31st.	2	0	3	4	2	2	2	1

International Seismological Centre

VALUES OF "K" AT APIA FOR JUNE 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	1	1	1	0	0	0	1	2
2nd.	1	0	1	0	0	2	2	2
3rd.	1	2	2	0	0	0	1	2
4th.	1	2	0	0	1	0	1	2
5th.	1	2	2	1	0	2	1	3
6th.	2	4	5	5	4	2	1	3
7th.	2	3	3	2	2	1	3	2
8th.	4	3	3	2	1	2	2	3
9th.	2	3	3	2	1	1	2	2
10th.	3	3	3	3	2	2	3	2
11th.	2	2	2	2	2	0	1	2
12th.	0	2	2	0	1	2	2	0
13th.	1	1	1	1	2	3	2	2
14th.	2	2	1	0	0	1	1	3
15th.	4	1	1	0	0	0	1	2
16th.	3	1	1	1	0	2	0	2
17th.	2	2	3	3	2	0	1	3
18th.	3	1	2	0	1	1	2	2
19th.	2	1	0	0	1	0	3	2
20th.	3	2	2	2	2	0	1	2
21st.	1	1	0	0	1	0	2	2
22nd.	1	3	0	0	2	0	0	0
23rd.	1	2	3	2	1	0	1	2
24th.	1	1	2	0	2	0	0	0
25th.	3	3	2	1	0	0	1	2
26th.	2	1	0	1	0	0	1	3
27th.	2	3	3	2	1	1	2	1
28th.	3	3	3	2	1	1	1	1
29th.	2	1	1	1	1	1	1	2
30th.	2	3	2	2	3	3	1	3

International Seismological Centre

VALUES OF "K" AT APIA FOR JULY 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	5	4	4	4	4	3	2	3
2nd.	4	2	2	2	1	2	2	2
3rd.	3	3	2	2	2	1	2	2
4th.	3	3	4	4	4	2	2	3
5th.	2	3	2	3	2	2	1	3
6th.	3	-	-	-	-	-	-	2
7th.	2	2	2	1	1	0	2	2
8th.	2	3	4	3	0	1	2	1
9th.	2	1	1	1	1	1	1	2
10th.	3	3	1	0	0	2	1	2
11th.	3	3	0	1	0	0	2	3
12th.	4	3	2	1	1	1	1	3
13th.	2	1	2	1	0	0	0	3
14th.	3	2	1	2	0	1	1	2
15th.	2	1	1	1	0	1	1	3
16th.	3	2	0	2	2	2	2	3
17th.	0	3	3	2	1	3	3	2
18th.	2	3	3	3	2	1	0	1
19th.	3	4	1	2	0	2	0	2
20th.	3	1	0	0	0	0	1	2
21st.	2	2	1	0	1	0	2	2
22nd.	3	1	0	0	0	1	0	2
23rd.	3	2	1	0	1	2	3	5
24th.	3	2	2	2	1	0	1	2
25th.	2	1	0	1	1	1	1	3
26th.	1	3	2	2	1	2	1	0
27th.	1	0	1	0	0	0	0	0
28th.	3	3	4	2	3	1	2	3
29th.	3	2	3	1	0	2	2	2
30th.	5	4	3	2	3	1	1	3
31st.	2	2	0	0	0	0	0	1

International Seismological Centre

VALUES OF "K" AT APIA FOR AUGUST 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	0	1	0	2	2	1	3	2
2nd.	5	4	1	3	2	2	1	3
3rd.	3	2	1	0	2	0	2	3
4th.	1	1	2	2	0	1	0	2
5th.	1	2	2	3	2	2	2	1
6th.	3	3	2	2	2	2	3	2
7th.	2	2	1	2	1	1	3	2
8th.	3	1	0	2	1	2	1	1
9th.	0	1	0	1	-	-	-	3
10th.	3	2	0	1	1	0	1	4
11th.	2	2	2	2	0	2	-	-
12th.	2	2	3	1	1	1	2	4
13th.	2	3	5	4	2	2	1	3
14th.	4	3	3	3	1	2	3	2
15th.	3	2	2	3	2	1	3	2
16th.	2	2	1	1	0	1	1	2
17th.	2	1	1	2	2	0	3	3
18th.	2	0	1	0	0	0	1	1
19th.	1	2	3	1	0	1	2	2
20th.	1	0	0	0	0	1	3	2
21st.	2	2	1	3	3	1	2	2
22nd.	1	1	2	0	2	3	3	4
23rd.	6	3	1	2	1	2	3	1
24th.	3	1	2	0	0	2	2	1
25th.	2	3	2	2	2	1	2	3
26th.	3	2	2	0	0	2	3	1
27th.	2	2	2	1	0	1	3	4
28th.	7	5	1	2	3	2	3	2
29th.	3	2	3	2	1	0	3	2
30th.	3	3	1	1	0	2	3	2
31st.	3	0	0	0	0	1	2	3

International Seismological Centre

VALUES OF "K" AT APIA FOR SEPTEMBER 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	2	1	0	1	1	2	2	3
2nd.	2	0	2	1	1	1	2	3
3rd.	1	3	1	1	2	2	1	2
4th.	3	3	6	5	3	2	3	2
5th.	2	2	2	1	2	2	2	2
6th.	3	1	1	3	2	0	3	3
7th.	2	0	2	1	2	2	3	3
8th.	2	1	0	0	0	0	4	3
9th.	3	3	2	0	1	1	3	2
10th.	2	1	1	1	0	1	3	1
11th.	3	1	2	0	0	2	2	3
12th.	4	3	2	1	3	2	3	2
13th.	3	1	2	2	2	0	2	2
14th.	1	1	0	0	0	0	2	3
15th.	1	1	0	0	0	1	1	2
16th.	1	2	0	2	2	2	1	3
17th.	4	3	3	5	3	2	3	3
18th.	3	4	2	4	3	4	3	4
19th.	4	1	2	3	0	2	1	3
20th.	1	2	2	4	0	2	2	3
21st.	2	2	0	0	2	2	2	4
22nd.	2	2	0	0	1	0	1	2
23rd.	1	0	0	1	0	1	2	2
24th.	2	0	1	1	1	1	3	1
25th.	2	2	2	3	2	1	3	3
26th.	1	1	2	1	1	1	3	2
27th.	2	2	1	3	2	2	3	3
28th.	2	3	1	2	1	2	1	3
29th.	3	2	2	1	1	2	2	2
30th.	4	3	3	2	3	1	3	3

International Seismological Centre

VALUES OF "K" AT APIA FOR OCTOBER 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	2	2	0	1	1	1	2	2
2nd.	1	2	2	2	1	0	1	2
3rd.	1	2	0	0	1	1	0	1
4th.	1	1	0	0	0	0	2	3
5th.	1	2	1	1	2	2	2	2
6th.	1	1	0	0	1	1	1	3
7th.	1	1	1	0	1	1	4	2
8th.	2	2	2	1	2	2	2	1
9th.	2	3	1	2	0	0	2	2
10th.	1	0	0	1	0	1	1	2
11th.	1	2	1	0	0	0	1	2
12th.	1	2	3	5	3	3	3	3
13th.	2	2	4	2	2	0	1	2
14th.	1	0	1	1	2	2	2	2
15th.	1	1	1	3	2	1	2	2
16th.	1	1	3	2	3	3	2	2
17th.	1	2	2	3	1	2	2	2
18th.	0	1	2	2	3	1	2	1
19th.	2	2	1	2	2	2	2	3
20th.	4	2	1	0	2	1	2	2
21st.	0	0	0	1	1	1	2	2
22nd.	1	1	0	1	2	1	3	3
23rd.	2	1	1	2	1	0	3	3
24th.	4	3	3	4	5	5	5	3
25th.	5	5	3	4	3	4	3	2
26th.	3	1	0	0	0	1	3	2
27th.	2	1	1	1	2	2	2	4
28th.	4	3	2	3	3	2	3	3
29th.	2	1	1	1	1	1	2	2
30th.	2	1	0	1	2	1	3	2
31st.	1	1	0	0	1	0	3	2

International Seismological Centre

VALUES OF "K" AT APIA FOR NOVEMBER 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	1	2	0	0	1	0	3	2
2nd.	2	2	1	0	0	1	2	1
3rd.	0	2	2	1	1	1	2	1
4th.	1	1	0	1	2	2	2	2
5th.	3	1	1	2	1	1	1	1
6th.	1	2	1	0	0	0	1	1
7th.	0	0	0	0	1	1	-	-
8th.	-	-	-	-	-	-	2	2
9th.	4	2	5	4	3	2	-	-
10th.	-	-	-	-	-	-	-	-
11th.	-	-	-	-	-	-	-	-
12th.	-	-	-	-	-	-	-	-
13th.	-	-	-	-	-	-	-	-
14th.	-	-	-	-	-	-	-	-
15th.	-	-	-	-	-	-	-	-
16th.	-	-	-	-	-	-	-	-
17th.	-	-	-	-	-	-	-	-
18th.	-	-	-	-	-	-	-	-
19th.	-	-	-	-	-	-	-	-
20th.	-	-	-	-	-	-	-	-
21st.	-	-	-	-	-	-	-	-
22nd.	-	-	-	-	-	-	-	-
23rd.	-	-	-	-	-	-	1	2
24th.	1	2	0	2	1	1	2	1
25th.	2	2	0	1	0	1	2	1
26th.	2	2	1	0	1	1	3	1
27th.	2	2	1	1	1	1	2	2
28th.	1	1	1	1	0	1	3	3
29th.	2	3	2	2	2	1	2	1
30th.	2	1	0	1	1	1	3	2

International Seismological Centre

VALUES OF "K" AT APIA FOR DECEMBER 1945

HOUR	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24
DATE								
1st.	3	1	1	0	1	1	2	1
2nd.	1	1	2	1	1	1	2	3
3rd.	2	1	0	0	0	0	1	1
4th.	1	1	0	1	0	0	1	1
5th.	2	2	1	0	0	3	2	4
6th.	2	2	1	2	1	1	2	4
7th.	2	3	3	1	0	1	2	3
8th.	3	4	2	3	2	2	2	3
9th.	2	1	2	1	2	1	1	2
10th.	2	1	1	2	1	1	1	3
11th.	3	2	1	1	1	1	2	2
12th.	1	1	1	1	2	1	2	2
13th.	2	0	0	1	3	3	4	5
14th.	4	5	3	6	4	2	1	2
15th.	1	2	1	1	2	2	2	2
16th.	2	2	1	0	0	1	4	3
17th.	5	3	2	3	2	1	1	1
18th.	2	1	2	1	1	1	1	3
19th.	3	2	1	2	0	1	5	5
20th.	4	4	2	2	2	1	2	2
21st.	3	3	1	4	2	-	-	2
22nd.	3	2	1	0	0	0	1	3
23rd.	2	2	0	0	1	2	4	4
24th.	3	2	3	3	3	3	1	2
25th.	1	2	3	3	4	2	2	2
26th.	4	3	2	3	3	2	1	1
27th.	1	2	2	2	2	2	3	2
28th.	3	2	3	2	3	3	2	2
29th.	1	3	2	2	1	1	1	2
30th.	2	1	1	2	1	2	2	2
31st.	2	2	2	1	3	1	-	3

HORIZONTAL INTENSITY

G.M.T. (H= 34000γ + Mean + ...) January 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+20	+12	- 4	-16	-19	-18	-13	- 9	- 9	-14	-10	- 8	-11	- 8	- 3	- 1	- 2	- 2	- 7	+ 1	+ 4	+23	+38	+44	859	23 48 +45	05 06 -21	66
2	+39	+15	+ 2	- 6	-13	-23	-20	-20	-19	-18	-15	-14	-13	-13	-14	-13	- 7	- 8	- 9	- 1	+19	+41	+54	+54	858	23 00 +59	06 00 -24	83
3	+36	+22	+11	- 3	-10	-14	-14	-11	-10	-16	- 6	-11	-15	-16	-18	-16	-14	-14	-17	-12	+ 6	+31	+47	+53	866	23 18 +55	14 33 -21	76
4	+47	+37	+22	+ 9	- 2	- 7	-10	-10	-10	- 8	- 8	- 9	- 8	- 8	- 9	- 8	- 8	-13	-13	-13	- 9	+ 4	+18	+19	865	00 00 +52	20 00 -15	67
5	+26	+14	+ 2	- 4	-10	-19	-20	-18	-15	-10	- 8	-12	-12	-10	- 8	- 5	- 4	- 1	+ 1	+ 7	+16	+31	+35	+36	853	23 55 +38	06 28 -22	60
6	+19	+10	0	- 2	- 4	- 9	- 7	- 4	- 7	-13	-14	-12	-17	-17	-15	- 9	- 8	- 9	- 7	0	+14	+25	+35	+45	869	23 59 +52	10 18 -21	73
7	+40	+32	+18	+ 3	- 5	-14	-12	-10	-10	-11	-11	-18	-17	-17	-17	-17	-17	-14	-11	- 1	+12	+25	+32	+30	879	00 36 +43	11 30 -22	65
8	+32	+22	+11	+ 2	- 4	- 9	-13	-13	-13	-10	-12	-13	-13	-15	-18	-17	-15	-12	- 7	+ 4	+14	+29	+34	+34	875	22 59 +37	14 18 -21	58
9	+29	+19	+ 3	- 6	-13	-18	-17	-18	-20	-18	-17	-14	-10	- 8	- 8	- 6	- 4	- 6	+ 1	+ 8	+28	+50	+37	+ 2	875	21 39 +57	08 00 -20	77
10	+23	+12	- 7	-11	-22	-23	-33	-27	-27	-20	- 8	-11	+ 9	+ 4	- 4	- 1	- 4	- 4	+ 1	+13	+24	+38	+45	+43	831	22 33 +48	06 48 -43	91
11	+20	+ 3	- 7	- 9	- 8	- 9	- 9	- 8	- 7	- 6	- 7	- 7	- 7	- 7	- 6	- 6	- 7	- 7	- 2	+ 5	+13	+20	+27	+30	852	23 03 +32	03 06 -12	44
12	+ 9	+ 2	- 8	-14	-13	-13	-10	- 8	- 5	- 4	- 4	- 3	- 5	- 8	- 9	-10	-13	-10	- 4	+ 6	+14	+28	+37	+34	865	22 51 +39	03 42 -15	54
13	+19	+ 6	- 6	-16	-13	-11	-16	-17	-18	-13	- 8	- 8	-11	-13	-12	-11	-11	- 7	0	+11	+24	+41	+51	+49	868	23 00 +54	07 51 -20	74
14	+31	+21	+11	- 1	- 7	-13	-13	-12	-11	- 9	- 9	-11	-11	- 9	-10	- 9	- 9	-11	-13	-11	- 1	+19	+39	+44	878	23 49 +47	18 06 -15	62
15																												
16	+23	+11	+ 4	- 7	-14	-18	-15	-18	-15	-11	- 1	- 1	- 1	+ 1	+ 1	+ 4	+ 4	- 1	- 1	- 1	0	+11	+24	+21	834	22 51 +27	07 27 -21	48
17	0	- 6	-17	-19	-19	-16	-13	-10	-10	-11	+ 3	+ 1	- 2	0	+ 3	+ 5	0	0	+ 1	+ 3	+16	+29	+34	+39	845	23 57 +43	02 51 -22	65
18	+26	+14	0	-10	-14	-12	-11	-11	-10	-11	-11	-11	-10	- 8	- 5	- 4	0	+ 5	+ 3	+ 2	+ 7	+18	+22	+22	860	00 02 +28	05 00 -15	43
19	+16	+10	- 1	- 8	-12	-13	-10	- 8	- 7	- 6	- 6	- 3	- 1	- 2	- 1	- 1	- 3	- 6	- 3	- 2	+ 2	+14	+21	+26	858	23 51 +29	05 15 -15	44
20	+28	+22	+13	+ 4	- 2	-11	-17	-19	-21	-19	-15	-15	-11	- 4	- 4	- 2	+ 1	+ 1	+ 1	+ 4	+11	+20	+24	+14	854	00 01 +30	09 21 -23	53
21	- 1	- 1	0	0	- 6	-14	-11	- 9	-11	-11	-14	-11	- 9	- 5	- 9	- 9	- 8	- 5	0	+ 6	+12	+26	+38	+42	865	23 15 +46	10 39 -14	60
22	+24	+ 8	0	- 3	- 7	- 9	- 9	- 9	- 9	-12	-12	-12	- 9	- 9	- 8	- 7	- 7	- 4	0	+ 9	+15	+23	+25	+23	868	00 00 +35	10 36 -14	49
23	+13	- 7	-19	-19	-14	- 7	- 7	- 6	- 6	- 4	- 4	- 6	- 3	- 3	- 4	- 2	- 2	+ 1	+ 3	+ 8	+10	+18	+29	+30	863	23 00 +32	02 45 -21	53
24	+21	+14	+ 2	-12	-15	-15	-10	- 7	- 5	- 5	- 4	- 5	- 5	- 8	- 8	- 5	- 3	- 3	- 1	+ 3	+ 7	+14	+22	+19	869	22 58 +23	03 58 -15	38
25	+ 8	- 6	-16	-21	-17	-16	-15	-14	-14	-13	-14	-11	-11	-13	-11	-11	-11	- 9	+ 2	+21	+32	+46	+57	+64	870	23 45 +64	03 39 -21	85
26	+47	+37	+22	+ 9	- 3	-16	-17	-14	- 9	- 3	- 1	+ 4	+ 4	- 1	- 8	- 7	- 8	-16	-18	-16	- 8	+ 2	+ 7	+ 7	884	00 03 +51	18 23 -19	70
27	+13	- 5	-18	-25	-20	-18	-14	-13	-11	- 8	-11	-11	-11	- 8	- 1	- 3	- 5	- 3	0	+10	+19	+38	+51	+62	867	23 59 +67	03 15 -27	94
28	+49	+30	+ 8	+ 3	- 5	-10	-10	-10	-12	-12	- 8	- 5	- 7	- 7	- 5	- 6	- 7	+ 2	+13	- 6	-18	+ 3	+17	+ 5	878	00 01 +56	20 41 -24	80
29	+29	+11	-19	-51	-61	-49	-31	-29	-19	-14	- 7	- 4	- 4	+ 1	+ 8	+ 8	+ 9	+14	+23	+20	+29	+39	+51	+54	810	22 58 +56	04 11 -66	122
30	+19	+14	+ 3	+15	-23	-28	-21	-25	-21	-17	-12	- 8	- 4	+ 2	- 2	- 5	- 4	- 4	- 4	+ 3	+12	+29	+39	+42	836	23 10 +45	05 01 -35	80
31																												
MEAN.	+24	+13	0	- 8	-13	-16	-14	-13	-12	-11	- 9	- 9	- 8	- 7	- 7	- 6	- 6	- 5	- 2	+ 3	+11	+25	+34	+34	861			

International Seismological Centre

HORIZONTAL INTENSITY

G.M.T. (H = 34000γ + Mean +.....) February 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+40	+29	+13	- 2	-13	-14	-15	-13	-11	-11	-11	-11	-11	- 9	- 8	- 6	- 6	- 7	- 6	- 1	+ 4	+16	+21	+24	862	00 12 +41	06 06 -15	56
2	+29	+25	+17	+ 6	+ 3	0	- 2	- 5	- 7	- 5	- 6	-12	-16	-22	-19	-19	-17	-13	-13	-14	0	+17	+31	+32	856	23 21 +36	14 03 -23	59
3	+19	+12	+ 7	+ 1	- 3	- 8	-10	-10	-10	-10	- 8	-10	-12	-10	-10	- 5	-25	- 3	- 5	+ 2	+ 9	+21	+29	+29	859	23 00 +32	12 09 -14	46
4	+15	+ 6	- 1	- 8	-14	-16	-14	- 9	- 8	- 9	- 9	- 6	- 4	- 1	- 1	- 1	- 1	- 4	- 1	+ 1	+ 5	+12	+26	+33	864	23 18 +36	05 32 -18	54
5	+50	+45	+35	+25	+ 8	-30	-41	-23	-21	-23	-23	-21	-18	-14	- 6	- 6	- 6	- 4	+ 5	+ 6	+ 1	+16	+23	+28	847	00 58 +55	06 10 -47	102
6	+14	+ 4	- 8	-13	-13	-13	-10	-15	-18	-15	-15	-14	-13	-10	- 5	- 3	- 1	+ 2	+ 4	+12	+21	+36	+41	+35	851	22 12 +44	09 03 -21	65
7	+17	+ 9	- 2	- 8	-10	- 8	- 8	- 8	- 5	- 7	- 8	- 8	- 8	- 9	- 8	- 8	- 8	-10	-10	+ 2	+14	+27	+34	+32	863	23 06 +34	07 33 -10	44
8	+31	+19	- 1	-17	-15	- 8	- 3	- 6	-10	-13	- 6	- 8	-13	-10	-13	-12	- 8	- 6	0	+ 9	+19	+26	+29	+19	856	00 09 +36	09 06 -18	54
9	+ 8	+ 3	+ 1	+ 1	- 4	-11	-10	- 9	- 9	+ 1	- 4	- 6	+ 1	+ 1	- 4	- 4	- 4	- 4	+ 1	+ 1	+ 6	+11	+15	+18	852	23 09 +20	05 42 -16	36
10	+12	+ 9	0	-10	-11	-10	- 7	-11	-14	- 4	- 2	- 7	- 7	- 7	- 7	- 5	- 6	- 7	- 7	- 2	+ 5	+20	+32	+39	860	23 16 +40	08 48 -14	54
11	+35	+27	+20	+ 5	- 7	- 9	-11	- 9	-12	- 7	- 5	- 2	- 5	- 5	- 5	- 5	- 5	- 7	- 9	- 7	- 2	+10	+12	+15	855	00 02 +40	06 42 -14	54
12	+ 8	+ 4	- 4	-10	-11	-16	-21	-16	-11	-10	- 9	- 6	- 6	- 5	- 6	- 6	- 9	- 7	- 5	+ 4	+21	+33	+38	+38	859	23 12 +40	05 58 -24	64
13	+27	+16	+ 5	- 4	- 9	-11	-10	- 8	- 6	- 6	- 5	- 1	- 4	- 6	- 6	- 9	- 6	- 6	- 6	- 4	+ 3	+13	+23	+26	864	00 06 +31	05 51 -11	42
14	+ 6	- 1	- 7	-11	-14	-12	-11	-12	-14	-14	-10	- 9	- 9	- 7	- 6	- 6	- 1	- 1	+ 4	+14	+29	+34	+34	+36	881	21 12 +39	10 06 -16	55
15	+55	+33	+12	- 2	- 7	+ 2	+ 2	- 6	- 5	-13	-21	-23	- 6	- 8	- 6	- 6	- 4	- 1	- 1	- 7	+ 1	+ 1	+ 5	+ 9	854	00 12 +61	11 45 -31	92
16	+ 6	+ 2	- 7	-10	-12	-12	-14	-10	-11	-12	-15	- 3	- 6	- 3	+10	+12	+ 7	+ 2	-10	0	+ 5	+14	+27	+32	853	23 36 +32	10 09 -20	52
17																												
18	+22	+14	+ 2	- 8	-10	-13	-11	-10	-10	-10	-11	-10	-10	- 7	- 3	+ 2	0	- 3	0	+ 4	+13	+17	+19	+14	862	00 09 +27	05 54 -14	41
19	+ 7	+ 5	- 1	- 9	-12	-15	-17	-17	-17	-17	-15	-16	-15	-12	-10	- 7	- 2	0	+ 5	+15	+26	+40	+45	+42	864	22 09 +45	06 33 -19	64
20	+24	+16	+ 9	+ 4	+ 1	- 1	- 6	- 6	- 9	-11	-13	-15	-12	-13	-18	-16	-10	- 9	- 5	+ 4	+15	+21	+26	+24	875	23 19 +26	15 45 -16	42
21	+24	+21	+16	+ 9	+ 2	- 6	-10	-12	-10	-10	-10	-13	-13	-13	-10	-10	- 9	- 8	- 9	+ 1	+11	+19	+22	+17	872	00 07 +26	07 09 -13	39
22	+ 9	+ 6	+ 5	+ 4	+ 1	- 4	- 6	- 6	- 6	- 4	+ 1	- 1	- 1	- 6	- 4	- 9	- 6	- 6	- 4	- 6	- 5	+ 6	+14	+18	+14	875	22 18 +21	14 18 -13	34
23	+ 7	+ 1	- 6	- 9	- 8	- 8	- 7	- 8	- 8	- 4	+ 2	+ 9	+ 6	+ 4	- 3	- 2	- 6	- 8	- 3	+ 4	+ 7	+14	+18	+12	877	21 45 +22	03 45 -11	33
24	+10	+ 2	- 2	- 4	- 3	- 9	-11	- 9	- 7	- 7	- 8	- 9	- 9	- 7	- 8	- 8	- 9	- 4	+ 3	+ 6	+ 8	+25	+30	+28	873	23 25 +32	06 07 -14	46
25	+22	+ 3	+ 6	- 4	-15	-11	-14	-11	-14	-14	-14	-10	- 6	- 6	- 6	- 6	- 6	- 4	+ 1	+13	+15	+23	+31	+31	863	00 03 +35	08 45 -17	52
26	+28	+15	+ 8	- 1	-15	-14	- 9	- 6	- 4	- 5	- 5	- 4	- 1	- 1	- 1	- 6	- 6	-15	-18	(- 1)	- 4	+13	+26	+23	863	00 06 +33	04 48 -18	51
27	+23	+17	+ 7	- 5	-10	-17	-17	-12	-21	-16	-12	-11	-12	-11	- 4	- 3	0	- 3	- 8	-10	+ 6	+29	+39	+42	857	23 15 +43	08 21 -25	68
28	+29	+11	- 5	-15	-21	-17	-12	-10	- 8	- 8	- 6	- 6	- 6	- 5	- 5	- 6	-10	-12	-12	(- 2	(+19)	+31	+34	+33	857	00 01 +39	05 03 -22	61
29																												
30																												
31																												
MEAN.	+21	+13	+ 4	- 4	- 8	-11	-11	-10	-11	-10	- 9	- 9	- 8	- 7	- 7	- 6	- 6	- 5	- 4	+ 2	+10	+21	+27	+27	862			

International Seismological Centre

HORIZONTAL INTENSITY

G.M.T. (H = 34000γ + Mean +.....) March 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+22	+15	+ 2	- 8	-11	-12	-10	-12	-12	-15	-10	- 8	-12	-12	-12	-12	-10	- 8	- 5	+ 2	+17	+35	+41	+43	865	23 12 +44	10 15 -17	61
2	+26	+16	+ 6	- 5	-11	-11	-14	-12	-14	-12	-14	-16	-19	-19	-19	-19	-14	- 9	- 6	+ 6	+25	+43	+44	+37	876	22 22 +49	13 07 -21	70
3	+43	+25	+ 7	-12	-24	-17	-13	-16	-14	- 5	-12	-14	-14	-13	-12	- 9	- 9	- 9	- 8	+ 3	+18	+33	+40	+38	862	00 24 +48	04 12 -24	72
4	+26	+20	+ 5	- 9	-14	-14	-13	-12	-14	-12	-12	-10	- 9	- 4	- 7	- 7	- 7	- 5	- 4	+ 6	+13	+26	+31	+28	869	22 57 +28	08 54 -15	43
5	+29	+21	+11	+ 5	- 1	- 1	- 1	- 4	- 6	- 6	- 1	- 4	- 1	- 2	- 2	-11	-18	-22	- 8	- 6	- 8	- 2	+14	+16	861	00 03 +34	17 55 -26	60
6	+20	+11	+ 4	- 5	- 7	-12	-15	-13	-10	- 7	- 5	- 5	-11	-15	-10	- 7	- 5	- 7	0	+10	+12	+22	+30	+22	854	22 48 +31	13 28 -17	48
7	+13	+ 9	+ 4	- 2	- 9	-14	-17	-22	-12	-19	- 2	- 6	- 3	- 2	0	0	- 2	- 2	0	+ 5	+14	+20	+23	+27	856	23 46 +29	07 13 -24	53
8	+22	+25	+17	- 7	-20	- 7	- 5	- 7	-11	-10	- 3	+ 2	0	-12	-15	-15	0	- 7	- 3	+ 5	+11	+17	+17	+15	859	01 15 +29	04 30 -23	52
9	+19	+11	+ 1	- 3	- 3	- 1	0	- 1	- 2	- 2	- 3	- 6	- 7	- 7	- 8	- 8	- 3	- 3	- 1	+ 1	+ 6	+ 9	+ 9	+14	855	00 30 +20	14 59 - 8	28
10	+ 8	+ 2	- 4	- 9	-14	-14	-13	-14	-11	-11	-14	-13	-11	- 9	- 7	- 4	- 4	- 2	+ 6	+13	+22	+30	+38	+30	863	22 52 +41	07 04 -15	56
11	+34	+15	- 3	-17	-12	- 5	+ 1	0	+10	-11	-12	- 1	- 9	- 5	- 5	- 2	+ 5	+ 7	+ 7	- 2	- 7	- 3	+ 1	+ 3	827	00 02 +56	09 59 -38	94
12	+ 5	+ 6	- 1	-11	- 6	- 6	- 7	+ 6	+ 9	+13	+40	+29	+17	+23	+24	+18	+ 9	- 3	-15	-18	-28	-27	-44	-27	821	10 34 +64	22 30 -48	112
13	-14	-16	-21	-21	-18	-14	-14	-15	-12	- 9	- 6	+ 3	- 2	- 4	- 2	- 2	- 4	- 2	+ 1	+12	+23	+36	+47	+55	824	23 09 +57	02 53 -21	78
14	+29	+22	+ 9	0	- 9	-13	-11	-17	-11	- 8	-13	-15	-13	-13	-10	- 8	- 8	- 8	- 8	+ 1	+16	+27	+27	+27	847	23 51 +34	11 16 -15	49
15	+32	-22	-38	-33	-38	-33	-39	-17	-19	- 7	- 2	+ 4	+ 7	+23	+22	+39	+25	+24	+ 6	+ 7	+10	+13	+13	+18	820	00 03 +61	06 27 -45	106
16	+ 4	- 2	-11	-22	-29	-26	-17	-19	-16	-11	+ 7	+ 2	- 4	- 1	+10	+18	+10	+ 5	+ 5	+10	+13	+23	+31	+31	829	22 24 +35	04 34 -31	66
17	+24	+14	+ 5	- 3	- 5	- 5	-10	-14	-17	-15	-10	- 8	- 3	- 3	0	+ 1	0	- 3	- 3	0	+ 1	+10	+17	+19	842	00 25 +27	08 51 -18	45
18	+13	+ 4	- 2	- 6	- 7	- 7	- 4	- 2	- 6	- 4	- 4	- 2	+ 1	- 2	- 7	- 4	- 2	- 4	- 2	+ 3	+ 9	+ 8	+ 8	+ 7	851	00 34 +15	04 09 - 9	24
19	+ 3	- 1	- 3	- 4	- 6	- 7	- 9	-11	-12	-12	-12	-14	-11	- 6	- 3	- 2	- 2	- 2	0	+ 5	+18	+28	+35	+33	856	23 24 +35	12 02 -14	49
20	+21	+ 6	+ 3	+ 3	+ 1	- 3	-11	-16	-13	-13	-13	-11	- 3	- 3	- 3	- 3	- 3	- 1	+ 6	+18	+10	+16	+11	+ 9	855	00 00 +29	08 16 -18	47
21	+ 9	+ 4	- 5	-11	- 8	- 8	- 8	- 6	-11	-16	-13	-11	-10	- 6	- 1	+ 4	+ 5	+ 6	- 1	+ 4	+14	+20	+24	+26	855	23 21 +29	09 21 -16	45
22	+19	+19	- 4	- 7	- 8	-11	-10	-10	- 8	- 8	-11	-12	-13	-13	-13	-11	- 8	- 6	- 4	+ 5	+14	+23	+33	+38	859	23 46 +39	13 42 -13	52
23	+31	+18	+ 3	- 7	-10	-11	-13	-13	-16	-16	-11	- 9	-11	-11	-10	- 9	- 9	- 7	- 4	0	+13	+26	+33	+35	862	23 15 +36	09 10 -19	55
24	+30	+21	+12	+ 7	+ 7	+ 2	- 3	0	- 5	-19	-34	-30	-20	-17	-16	-15	-14	- 8	- 3	+ 4	+17	+25	+27	+29	863	23 34 +32	10 37 -38	70
25	+18	+11	+ 3	- 4	- 9	-11	-13	-11	-11	-11	-13	-14	-16	-16	-14	-10	- 9	- 4	+ 1	+13	+23	+33	+37	+31	862	22 58 +40	12 15 -19	59
26	+33	+ 7	+15	+18	+ 4	-17	-14	-31	-38	-48	-16	-16	-13	-10	- 1	+16	+ 6	0	- 1	+ 8	+30	+30	+28	+18	825	00 00 +53	09 22 -58	111
27	+ 5	0	- 8	-10	- 7	0	- 5	- 2	- 2	- 7	-18	-17	-14	- 6	- 6	- 8	- 7	- 5	- 7	- 7	+12	+37	+37	+37	843	21 51 +41	10 30 -26	67
28	+30	+29	+15	+10	+10	+ 5	0	+17	+ 3	0	+ 8	+49	- 4	+ 2	-14	-29	-29	-36	-34	-26	-17	- 2	+ 8	+ 9	855	11 15 +66	18 10 -37	103
29	+31	+28	+14	+ 3	- 3	-12	- 8	-11	+ 4	- 8	- 8	-11	- 8	- 1	- 1	+ 1	- 1	- 3	- 8	-11	- 6	- 2	+ 6	+19	832	00 09 +32	07 22 -19	51
30	+ 3	- 3	-11	-11	- 8	-14	-15	-16	-16	-15	-14	-12	- 9	- 9	- 6	- 5	- 6	- 4	+ 1	+11	+25	+38	+46	+51	852	23 21 +51	08 00 -17	68
31	+37	+26	+37	- 1	- 9	-15	-18	-19	-18	-15	-14	-13	-12	-10	- 9	- 8	- 8	-10	- 9	- 3	+ 7	+22	+27	+24	861	00 15 +42	07 51 -20	62
MEAN.	+20	+11	+ 2	- 6	- 9	-10	-11	-10	-10	-11	- 8	- 6	- 8	- 6	- 5	- 4	- 4	- 4	- 3	+ 3	+11	+20	+24	+25	850			

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HORIZONTAL INTENSITY

G.M.T. (H = 34000γ + Mean + ...) April 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+69	+56	+43	+40	+35	+26	- 3	-22	-33	-36	-41	-34	-43	-22	-16	-19	-20	-18	- 8	- 1	- 2	+ 4	+16	+18	809	00 01 +74	08 36 -67	141
2	- 8	-22	-38	-34	-24	-21	-19	-10	-10	- 5	- 5	- 3	- 3	- 5	- 8	- 5	- 5	0	+ 6	+18	+34	+48	+61	+63	825	22 46 +66	03 00 -41	107
3	+31	+18	+ 7	- 3	-10	-15	-18	-13	-14	-13	-10	-10	- 8	- 7	- 7	- 8	- 5	- 8	- 5	- 1	+ 8	+21	+33	+36	847	23 27 +39	06 00 -18	57
4	+27	+41	+ 6	0	- 4	- 4	- 4	- 6	- 6	- 6	- 6	- 5	- 4	-11	- 2	- 4	-11	-16	-11	- 1	-16	- 4	+26	+31	850	23 39 +32	13 58 -15	47
5	+31	+24	+19	+17	+14	+13	+ 9	+ 7	+ 4	+ 6	+ 2	-11	-13	- 7	- 5	- 7	- 5	-10	-11	-10	-22	-22	-20	-10	842	00 00 +38	20 25 -29	67
6	+ 2	+ 1	- 3	- 4	- 7	-12	- 8	-10	+ 2	-19	- 1	-12	- 4	- 2	- 2	- 2	- 4	- 3	+ 3	+11	+16	+21	+25	+18	841	22 31 +27	09 33 -28	55
7	0	+ 2	- 6	- 9	-14	-27	-33	+ 2	- 1	- 3	- 1	- 2	0	- 3	- 3	- 1	- 1	+ 2	+ 6	+12	+19	+25	+11	+16	840	21 43 +27	05 47 -30	57
8	+ 9	-11	-18	-13	-11	-11	- 8	- 7	- 3	+ 4	- 6	- 1	+ 2	- 3	- 6	- 6	- 6	- 6	- 1	+ 6	+14	+23	+30	+28	840	22 34 +31	02 39 -20	51
9	+12	0	-10	-15	-15	-14	-10	-10	- 7	- 9	- 7	- 7	- 7	- 7	- 7	- 5	- 3	+ 2	+ 2	+12	+19	+26	+29	+32	849	23 05 +33	04 00 -17	50
10	+13	- 1	- 9	-14	-10	- 9	- 9	- 9	- 7	- 4	- 4	- 8	-14	- 6	- 7	-10	- 9	- 6	- 2	+ 5	+17	+29	+33	+35	858	23 34 +38	12 53 -16	54
11	+46	+39	+30	+24	+21	+14	+ 9	+17	+31	+36	- 7	-22	-13	-21	-27	-22	-29	-28	-22	-17	-13	-15	-17	-19	842	00 03 +51	12 00 -34	85
12	-16	-26	-29	-35	-23	-24	-26	-11	+ 1	+ 5	- 2	+ 3	+ 8	+ 7	+ 5	+ 8	+ 8	+15	+24	+25	+20	+22	+20	+13	824	20 00 +31	03 39 -37	68
13	- 1	+ 2	+ 1	- 4	-11	-16	-17	-27	-32	-23	-16	+ 1	+ 4	- 1	- 1	- 2	+ 1	+ 7	+15	+18	+26	+28	+28	+21	833	21 54 +33	08 39 -35	68
14	+11	- 1	-18	-18	-14	-14	-14	- 6	- 4	+ 5	0	- 5	+ 5	+ 9	+ 3	0	- 1	- 1	+ 3	+ 3	+ 5	+14	+16	+22	843	23 48 +25	02 42 -28	53
15	+21	+12	+ 3	- 7	- 8	+31	+25	+28	+25	+21	+13	+ 6	+ 6	+ 1	- 5	- 5	- 7	- 4	0	0	+ 2	+ 9	+21	+29	842	23 40 +29	07 45 -33	62
16	+20	+11	- 3	- 9	- 9	- 6	-11	-11	-11	-11	- 6	- 6	- 6	- 4	- 2	- 2	0	+ 1	0	0	+ 6	+15	+23	+23	848	23 11 +25	09 04 -14	39
17	+11	+ 8	+ 4	0	- 3	-10	-14	-13	-10	- 8	- 8	- 8	- 7	- 6	- 3	- 1	+ 2	+ 2	+ 2	+ 4	+ 7	+11	+15	+16	852	23 00 +16	06 30 -15	31
18	+15	+11	+ 5	- 2	- 6	- 8	- 8	- 8	-12	-13	-10	- 6	- 8	- 6	- 6	- 3	- 1	+ 2	+ 4	+ 7	+ 9	+13	+16	+16	852	22 59 +19	09 31 -15	34
19	+11	+11	-19	- 4	-10	-18	-20	-23	-13	-10	-10	-13	-14	-12	- 6	- 1	+ 7	+11	+19	+31	+28	+23	+18	+15	851	19 55 +34	07 37 -25	59
20	+11	+ 8	0	0	+ 4	+ 1	-13	-14	- 7	- 7	-11	- 3	+ 1	- 6	- 5	- 5	- 7	- 5	- 1	+ 4	+ 5	+12	+17	+17	850	23 13 +17	07 04 -22	39
21	+ 8	+ 5	- 1	- 4	- 6	- 7	- 8	- 7	- 8	- 9	- 9	- 7	- 9	- 9	- 9	- 8	- 4	+ 3	+ 9	+13	+18	+22	+18	+ 1	857	21 24 +23	13 21 -12	35
22	-14	-14	-12	- 9	- 7	- 7	- 7	- 7	- 4	+ 1	- 2	- 4	- 4	- 2	- 2	+ 1	+ 2	+ 3	+ 8	+12	+10	+19	+24	+23	857	23 21 +25	00 33 -16	41
23	+15	+11	+ 5	- 2	- 7	- 5	- 2	+ 2	+ 2	- 2	+10	-22	-24	-22	-15	-10	- 5	- 5	+ 1	+11	+20	+20	+15	+12	860	21 57 +25	12 57 -27	52
24	+20	+ 3	-19	-22	-21	-10	-21	-21	-13	-10	- 6	- 2	+ 1	0	- 2	+ 2	+ 6	+ 8	+ 8	+13	+18	+20	+23	+17	847	22 36 +24	06 56 -32	56
25	+ 7	+ 2	-13	-15	- 8	- 3	- 3	- 6	- 8	- 6	- 3	- 3	- 6	- 6	- 3	- 2	- 3	0	+ 7	+11	+14	+14	+19	+20	851	23 12 +21	03 09 -20	41
26	+10	+ 5	+ 1	- 3	- 4	- 7	- 8	- 7	- 7	- 4	- 4	- 4	- 2	- 3	- 7	- 9	- 7	- 4	- 2	+ 1	+ 7	+17	+25	+24	857	23 03 +28	15 37 - 9	37
27	+11	- 1	-11	-18	-13	-10	-11	-11	-10	- 8	- 6	- 3	- 3	- 3	- 3	- 3	- 3	- 2	+ 1	+ 6	+14	+25	+31	+24	861	22 27 +31	03 30 -19	50
28	+ 9	+ 3	- 1	- 3	- 4	- 5	- 7	- 8	- 9	-10	- 8	- 7	- 5	- 8	- 8	- 8	- 5	- 2	+ 1	+ 4	+ 9	+18	+29	+26	863	22 56 +29	09 12 -10	39
29	+15	+10	+ 2	- 5	- 8	- 5	- 5	- 6	- 5	- 8	- 9	- 9	- 8	- 8	-12	-15	- 8	0	+ 5	+12	+17	+17	+22	+17	870	23 09 +25	15 19 -16	41
30	+14	+ 5	+ 1	- 3	- 3	- 1	- 1	- 6	-11	-20	-19	- 8	- 6	- 2	- 1	+ 1	+ 4	- 1	0	+ 6	+ 6	+11	+16	+16	861	00 12 +19	10 21 -28	47
31																												
MEAN.	+14	+ 7	- 3	- 6	- 6	- 6	-11	- 9	- 8	- 7	- 7	- 7	- 6	- 6	- 6	- 5	- 4	- 2	+ 2	+ 7	+11	+16	+21	+20	843			

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G.M.T. (H = 34000γ + Mean + ...) May, 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1																												
2	+22	+16	+ 1	-24	-39	-29	-17	-12	-11	- 5	-10	- 6	- 5	- 3	0	+ 2	+ 2	+ 2	+ 5	+10	+17	+23	+31	+29	847	22 49 +32	04 45 -41	73
3	+24	+10	+ 3	- 3	-12	-16	-12	- 9	-12	-17	-15	-10	- 5	- 5	- 3	+ 2	+ 3	+ 3	+ 2	+ 2	+11	+22	+17	+12	847	00 12 +29	09 40 -20	49
4	+ 6	+ 5	+ 1	- 4	-11	-13	-13	-13	- 6	- 7	- 9	- 9	- 7	- 6	- 6	- 3	+ 1	+ 5	+ 8	+ 8	+12	+21	+23	+16	853	22 12 +26	06 06 -16	42
5	+ 2	- 2	- 3	- 3	0	- 3	- 9	- 9	- 4	- 5	- 5	- 5	- 5	0	- 3	- 3	- 3	+ 2	+ 7	+ 7	+ 9	+ 9	+12	+12	852	23 07 +14	06 46 -12	26
6	+ 9	+ 5	- 2	+15	+15	- 7	- 6	- 6	- 5	- 7	-10	- 7	-10	- 8	- 6	- 6	- 7	- 1	0	+ 3	+ 5	+10	+ 9	+ 9	854	23 19 +12	03 42 -12	24
7	+ 1	- 3	-10	-15	-12	- 9	- 7	- 7	- 7	- 7	- 6	- 6	- 5	- 4	0	+ 1	+ 2	+ 5	+11	+16	+20	+16	+10	+ 7	864	20 45 +21	04 00 -16	37
8	+ 5	+ 3	- 2	- 9	- 7	- 9	- 9	- 8	- 7	- 9	-12	-12	-12	- 9	- 7	- 3	0	+ 8	+14	+19	+19	+22	+18	+10	861	21 12 +23	10 12 -12	35
9	0	+ 2	+ 1	- 4	- 7	- 7	- 7	- 5	+ 3	+ 5	+ 3	+ 1	- 2	- 4	- 2	+ 1	- 4	+ 6	+11	+ 6	+ 6	+ 3	- 2	-10	868	18 10 +16	04 24 - 9	25
10	- 7	-12	-18	-21	-23	-15	-12	- 7	- 4	- 9	-12	- 2	- 2	- 2	- 2	+ 1	+ 8	+15	+17	+15	+23	+20	+22	+18	856	20 37 +28	04 15 -26	54
11	+27	+22	+12	+15	+10	-20	-33	-12	- 6	-16	-17	- 7	-16	-20	-17	-17	-11	- 5	+ 7	+12	+12	+22	+27	+20	836	00 00 +29	06 20 -38	67
12	+16	- 8	-27	-27	-26	-24	-18	-14	-12	- 1	+ 4	+ 5	+ 6	+ 6	+ 6	+ 9	+ 9	+11	+16	+18	+16	+15	+16	+11	830	00 00 +21	03 00 -32	53
13	-15	-22	-22	-19	-10	- 3	- 3	- 5	-10	- 8	- 3	- 3	- 3	- 5	- 5	- 5	- 3	+ 2	+14	+19	+24	+29	+26	+21	844	21 51 +31	01 42 -25	56
14	+13	+11	+ 1	- 6	- 7	- 6	- 6	- 9	- 9	- 6	- 4	- 3	-11	-12	-11	- 7	- 1	+ 2	+ 6	+12	+18	+18	+12	+ 4	852	20 51 +22	13 42 -13	35
15	- 2	- 2	- 4	-10	-10	-10	-10	-10	- 7	- 5	- 5	- 2	- 2	0	+ 3	+ 3	+ 4	+ 3	+ 7	+12	+15	+16	+15	+11	853	22 00 +17	03 45 -11	28
16	0	0	- 6	-17	-19	-16	-16	-13	- 9	- 6	- 6	- 4	- 3	- 2	0	+ 2	+ 3	+ 6	+16	+23	+26	+26	+18	+ 3	862	21 18 +30	03 24 -20	50
17	+ 2	- 8	-17	-25	-27	-23	-22	-17	-12	-10	- 6	- 5	- 3	0	0	+ 2	+ 3	+ 5	+12	+24	+28	+32	+37	+33	851	23 33 +39	04 25 -28	67
18	+21	+16	+ 6	- 3	- 6	-13	-23	-28	-23	-22	-23	-23	-18	-18	- 6	- 7	+ 5	+26	+38	+25	+25	+26	+18	+ 9	854	18 45 +39	07 07 -30	69
19	+ 6	+ 3	0	- 1	- 4	- 5	- 4	- 8	- 9	- 9	- 9	-14	-16	-10	- 4	+ 1	+ 3	+ 8	+13	+16	+16	+16	+12	+ 1	858	21 07 +18	12 22 -18	36
20	+ 4	+10	+11	+ 8	- 3	- 9	-23	-24	-18	-11	-13	-11	- 9	- 9	- 7	- 9	0	+ 8	+17	+23	+23	+21	+17	+ 8	853	19 48 +26	07 03 -29	55
21	- 8	- 9	-10	- 5	- 1	- 3	- 8	- 5	- 9	-13	-13	- 9	- 8	- 5	- 3	- 3	- 1	- 3	+ 2	+ 3	+18	+27	+32	+23	862	22 54 +34	09 07 -15	49
22	+11	+ 5	- 2	- 7	- 6	- 5	- 5	- 7	-10	-11	- 2	- 7	-10	- 5	- 5	- 5	- 5	- 2	+ 2	+ 7	+12	+17	+21	+17	859	22 39 +22	09 49 -13	35
23	+16	+20	+24	+17	+15	+ 2	-17	-32	-23	-16	-17	-10	-10	-10	-10	-10	- 7	- 2	+ 5	+16	+17	+16	+12	+ 7	859	02 03 +26	07 46 -34	60
24	+13	+ 8	+ 5	- 5	-17	-20	-12	-12	-20	-16	-10	- 8	- 8	- 8	- 9	- 8	- 3	0	+ 6	+17	+22	+29	+32	+27	852	22 16 +32	04 57 -25	57
25	+10	+ 2	- 2	-27	-24	-27	-24	-15	-10	- 7	-10	- 5	- 7	-10	- 7	- 7	- 2	+ 6	+ 9	+11	+30	+47	+40	+27	859	21 33 +50	03 42 -36	86
26	+12	+ 3	- 7	-11	-11	- 7	- 5	- 9	- 9	-11	- 9	-11	-11	-11	-14	- 9	- 2	+ 6	+12	+13	+17	+26	+22	+18	868	21 21 +30	03 52 -14	44
27	+16	+ 5	- 4	-11	-15	-11	-14	-14	-14	-14	-11	-11	- 9	- 7	- 8	- 5	- 2	+ 1	+10	+26	+27	+21	+23	+17	868	20 04 +33	08 49 -16	49
28	+15	+10	+ 3	- 5	- 9	-12	-17	-19	-14	-12	-17	-14	-12	- 9	- 8	- 8	- 7	- 2	+ 5	+10	+19	+29	+35	+30	866	22 59 +35	10 39 -20	55
29	+31	+14	+ 6	0	- 5	-13	-14	-13	-16	-15	-10	-10	- 8	- 5	- 3	- 2	- 3	- 2	+ 1	+ 9	+14	+19	+19	+13	857	00 13 +37	09 15 -17	54
30	+ 2	+ 2	+ 2	- 3	- 3	- 3	- 4	-12	-18	-14	-10	-12	-14	-13	-10	- 3	- 1	- 1	+13	+22	+23	+22	+18	+14	863	20 47 +24	08 18 -19	43
31	+14	+16	+ 9	- 1	- 6	- 6	-13	-20	-23	-18	-12	- 1	+ 2	- 1	- 1	- 3	- 6	- 5	+ 2	+ 4	+ 9	+16	+24	+26	856	23 24 +29	07 44 -24	53
MEAN.	+ 9	+ 4	- 2	- 7	- 9	-11	-13	-12	-11	-10	- 9	- 7	- 7	- 7	- 5	- 3	- 1	+ 4	+10	+14	+18	+21	+21	+15	856			

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G.M.T. (H = 34000γ + Mean +.....) June 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+13	+10	+ 3	- 4	- 9	- 9	- 7	- 7	- 9	- 9	-12	- 9	-12	- 9	- 7	- 4	- 4	- 2	+ 5	+13	+16	+21	+21	+18	866	22 24 +23	10 25 -12	35
2	+19	+16	+ 9	+ 5	0	- 2	- 3	- 5	- 8	- 8	- 8	- 5	- 5	- 5	- 5	- 3	- 3	- 3	0	+ 2	+ 2	+ 5	+ 6	+ 9	862	00 10 +22	09 59 - 8	30
3	+13	+ 9	+ 2	- 6	-13	-15	-15	-13	-10	- 7	- 7	- 6	- 6	- 4	- 3	- 3	- 1	+ 2	+ 9	+14	+14	+15	+13	+ 8	860	20 15 +14	05 27 -15	29
4	0	- 3	- 7	- 5	- 3	- 3	- 5	- 8	- 8	- 8	- 8	- 8	- 8	- 3	- 4	- 3	0	+ 4	+11	+17	+17	+17	+17	+12	867	19 54 +18	11 00 - 8	26
5	+ 2	- 1	- 5	- 8	- 8	- 8	-12	- 9	- 8	-12	-13	-10	- 8	- 8	- 5	- 5	- 1	+ 4	+14	+22	+24	+27	+19	+19	873	21 04 +29	10 16 -13	42
6	+30	+20	+15	+17	+26	+38	+28	+11	-11	- 5	-23	-49	-33	-26	- 9	- 9	- 6	- 9	- 4	0	+ 3	0	- 2	- 6	857	06 03 +45	11 30 -54	99
7	-15	-23	-25	-21	-17	-13	-15	- 3	- 5	- 5	- 5	- 2	+ 4	+ 3	+ 2	+ 4	+ 7	+12	+17	+17	+17	+21	+21	+24	851	22 04 +26	01 29 -26	52
8	+20	+ 4	- 5	-20	-35	-29	-11	- 7	- 8	- 5	- 5	- 4	- 2	- 5	- 1	+ 7	+ 7	+ 6	+15	+15	+15	+17	+17	+ 7	848	00 03 +27	05 03 -38	65
9	+ 2	- 4	- 8	- 4	0	- 3	- 5	+ 1	-10	-15	-13	- 8	- 8	- 5	- 4	- 2	+ 2	+ 4	+ 9	+17	+15	+14	+ 9	+12	851	20 16 +17	09 18 -17	34
10	+10	+ 5	- 2	-19	-31	-24	-19	-18	-14	- 7	+ 3	+10	+ 6	+ 3	0	0	+ 5	+12	+17	+15	+11	+12	+15	+18	849	23 48 +21	04 21 -32	53
11	+11	0	- 6	- 9	-11	-11	- 9	- 9	-13	-10	- 9	- 5	- 4	+ 1	0	- 2	+ 1	+ 2	+ 6	+ 8	+11	+20	+22	+17	858	22 15 +24	08 56 -16	40
12	+ 8	+ 4	+ 1	- 4	- 3	- 4	- 9	- 4	- 7	- 7	- 4	- 4	- 4	- 1	+ 2	+ 1	+ 1	+ 1	+ 3	+ 7	+ 6	+ 6	+ 8	+ 8	863	00 22 +10	06 46 -10	20
13	+ 7	+ 5	0	- 3	- 6	- 6	- 3	- 6	- 8	-10	-10	- 8	+ 2	0	- 1	+ 2	- 1	- 2	0	+ 3	+ 3	+ 9	+16	+16	862	23 03 +20	10 35 -12	32
14	- 1	- 8	-10	-12	- 9	- 6	- 6	- 6	- 9	-11	-10	- 9	- 6	- 6	- 5	- 4	- 1	+ 3	+11	+14	+16	+16	+21	+26	870	23 57 +28	09 16 -11	39
15	+32	+26	+ 6	- 3	- 5	- 6	-11	-13	-13	-11	-11	- 9	- 9	- 8	- 6	- 5	- 2	+ 2	+ 6	+10	+10	+ 9	+ 6	+ 4	867	00 49 +34	07 58 -14	48
16	- 2	- 2	+ 1	- 2	- 3	- 2	- 3	- 7	- 8	- 7	- 4	- 2	- 2	+ 1	+ 1	+ 1	- 3	- 3	+ 1	+ 5	+ 8	+ 8	+ 5	+ 8	868	21 03 +10	09 12 - 8	18
17	+10	0	- 7	-10	-12	-17	-14	- 7	- 1	- 1	- 2	- 5	- 5	- 5	- 8	- 7	- 5	0	+ 5	+15	+15	+14	+14	+22	866	23 51 +26	05 27 -17	43
18	+21	+11	+ 2	- 1	- 3	- 6	- 5	- 6	-11	-11	-12	-11	- 9	- 9	- 6	- 2	- 1	+ 2	+ 4	+ 8	+ 9	+10	+11	+17	867	00 00 +25	10 37 -12	37
19	+13	+ 5	- 2	- 4	- 7	- 9	- 7	- 7	- 9	- 9	- 9	- 7	- 4	- 4	- 2	- 1	+ 1	+ 4	+ 9	+13	+ 8	+ 5	+ 5	+10	868	00 02 +18	10 24 - 9	27
20	+14	+10	- 1	-10	-10	- 6	- 7	- 7	- 5	- 7	-11	-11	-10	- 5	- 5	- 3	0	+ 2	+ 7	+12	+12	+12	+10	+10	860	00 00 +19	12 12 -15	34
21	+ 9	+ 9	+ 4	- 4	-10	- 8	- 8	-10	- 8	- 7	- 6	- 6	- 5	- 6	- 4	- 1	+ 1	+ 4	+ 9	+12	+12	+11	+11	+ 9	861	20 18 +12	07 42 -11	23
22	- 1	- 9	-11	-11	- 6	- 6	- 4	- 4	- 4	- 4	- 4	- 4	- 4	- 5	- 6	- 6	- 4	0	+ 6	+12	+16	+18	+18	+18	866	21 31 +18	03 00 -11	29
23	+16	+13	+10	+ 6	+ 4	+ 6	+ 5	+ 4	- 6	-15	-19	-20	-15	-13	-13	-13	-13	- 8	+ 2	+11	+14	+14	+14	+11	868	01 37 +16	11 23 -20	36
24	+ 9	+ 5	- 2	- 8	- 9	-12	-10	-10	- 6	- 5	- 3	- 3	- 3	- 5	- 5	- 5	- 3	+ 2	+ 7	+12	+14	+17	+14	+14	865	21 33 +17	06 00 -12	29
25	+10	- 2	-15	-19	-15	-11	-11	- 8	- 6	- 8	- 7	- 5	- 4	- 4	- 2	- 1	- 1	+ 4	+ 9	+16	+18	+21	+18	+18	861	21 24 +23	03 21 -21	44
26	+ 8	+ 8	0	- 7	-12	-11	-11	-11	-10	- 8	- 6	- 3	- 5	- 6	- 3	- 1	0	+ 3	+ 6	+14	+16	+16	+11	+ 8	873	19 48 +17	04 27 -13	30
27	+29	+25	+17	+ 1	- 3	- 9	-15	- 9	-10	-20	-22	-20	-17	-16	-13	- 7	-16	0	+ 4	+12	+19	+26	+28	+25	853	00 03 +30	09 57 -25	55
28	+15	+ 8	- 4	- 8	- 6	- 2	- 3	- 8	-14	-14	- 9	- 6	- 4	- 3	+ 1	- 2	- 3	+ 1	+ 6	+11	+11	+13	+11	+ 8	859	00 00 +18	08 57 -15	33
29	+ 9	+10	+ 4	- 6	- 8	- 6	- 8	-11	-12	-13	-12	-11	- 6	- 4	- 1	+ 1	+ 1	+ 2	+ 4	+ 9	+ 9	+12	+16	+21	861	23 55 +21	09 15 -13	34
30	+11	+10	+ 9	+ 8	+ 6	- 3	- 8	-11	-11	-12	- 8	- 5	- 7	- 1	0	- 6	-16	- 7	- 6	- 1	+ 5	+14	+21	+15	873	23 15 +24	16 33 -18	42
31																												
MEAN.	+11	+ 5	- 1	- 6	- 7	- 7	- 7	- 7	- 9	- 9	- 9	- 8	- 6	- 5	- 4	- 3	- 2	+ 1	+ 6	+11	+12	+14	+14	+14	862			

200/1/41—14357

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HORIZONTAL INTENSITY

G.M.T. (H = 34000γ + Mean + ...) July 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+56	+44	+22	- 8	-27	-35	-43	-25	-39	-32	-32	-41	-35	-23	- 4	+ 3	+ 6	+19	+29	+34	+35	+34	+28	+24	814	00 22 +63	08 46 -46	109
2	-14	-27	-11	- 6	- 6	0	- 3	- 7	- 9	- 7	- 3	- 2	- 2	0	+ 3	+ 5	+ 5	+ 7	+ 7	+ 7	+ 9	+12	+18	+17	839	22 42 +20	01 30 -33	53
3	+ 1	0	+ 6	+ 5	+ 7	-17	-18	-12	-12	- 7	- 5	- 4	- 4	- 3	+ 2	+ 2	+ 4	+ 5	+10	+12	+11	+13	+12	+12	849	21 27 +16	05 42 -22	38
4	+ 2	+ 2	+ 3	+10	+18	+18	+ 8	-13	-19	-20	-21	- 9	- 4	-14	- 9	+ 1	+ 4	+ 1	+ 4	+10	+ 8	+ 8	+ 3	+ 1	858	04 20 +20	09 47 -28	48
5	0	- 3	- 6	- 6	-14	-17	- 5	- 5	- 9	+ 3	- 5	- 7	- 6	- 2	- 5	- 3	- 2	- 2	+ 4	+10	+15	+16	+27	+22	851	22 51 +32	05 06 -21	53
6																												
7	+ 1	- 1	- 8	-12	-11	- 8	- 8	- 6	- 6	- 5	- 5	- 6	- 8	- 6	- 3	- 1	+ 1	+ 4	+11	+19	+16	+16	+14	+15	845	19 44 +19	03 30 -14	33
8	+11	+10	+ 3	-15	-24	-21	-21	-14	- 2	- 7	-14	- 7	- 2	- 2	- 1	+ 3	+ 7	+ 8	+10	+15	+13	+14	+18	+15	846	22 00 +18	04 09 -26	44
9	+ 4	+ 4	+ 1	- 4	- 6	- 9	-10	- 9	-10	- 9	- 6	- 6	- 4	- 4	- 4	- 4	- 4	- 1	+ 4	+ 9	+13	+18	+17	+18	855	21 30 +21	08 45 -12	33
10	+12	+ 1	-11	-18	-16	-12	-10	- 9	- 9	- 9	- 6	- 6	- 4	- 4	- 1	+ 1	+ 1	+ 1	+ 6	+13	+15	+18	+23	+21	861	22 39 +24	03 40 -21	45
11	+ 8	- 1	-11	-19	-16	-14	-15	-16	-16	-14	-10	- 9	- 6	- 6	- 5	- 4	- 3	+ 1	+ 8	+16	+21	+31	+44	+46	866	23 03 +48	03 42 -21	69
12	+42	+27	+12	+ 2	- 8	-13	-20	-18	-15	-13	-10	-10	- 8	- 5	- 8	- 8	- 5	- 5	0	+ 3	+ 6	+14	+22	+23	865	00 15 +45	06 30 -21	66
13	+18	+12	+ 4	- 3	- 8	- 5	- 3	- 5	-11	-16	-13	-14	-13	-11	-10	- 8	- 5	- 3	+ 2	+ 4	+ 9	+17	+24	+32	865	23 54 +32	09 34 -18	50
14	+27	+15	+10	+ 4	- 4	- 7	- 5	- 4	- 4	- 6	-10	-12	-12	-10	- 7	- 7	- 5	- 4	- 2	+ 2	+ 2	+10	+15	+17	867	00 06 +30	12 00 -12	42
15	+ 8	+ 5	+ 3	+ 1	- 2	- 4	- 6	- 8	- 9	-10	-13	- 9	- 9	- 8	- 6	- 4	- 2	- 2	(+ 3	+ 6)	+ 8	+12	+16	+23	872	23 52 +26	10 12 -14	40
16	+19	+ 4	- 8	-11	- 8	- 8	-10	-10	- 8	- 6	- 1	+ 1	- 1	- 6	- 2	- 2	+ 1	+ 4	+11	+17	+16	+ 6	+ 3	+ 1	874	00 09 +24	03 12 -12	36
17	+ 2	- 3	- 8	- 9	- 5	- 4	- 3	- 3	+ 2	+ 2	+ 2	0	+ 3	+ 6	+ 9	+ 9	+14	+ 8	+ 4	+ 4	- 3	- 8	-10	-10	867	16 30 +17	22 21 -11	28
18	+ 8	- 1	- 6	- 6	- 4	- 4	- 6	-13	-19	- 7	- 9	-10	- 9	- 3	0	+ 1	+ 1	+ 3	+ 6	+11	+13	+18	+18	+18	846	23 30 +21	08 12 -23	44
19	- 2	- 6	-19	-19	- 9	- 7	- 4	- 4	- 6	- 6	- 9	- 7	- 4	- 3	- 3	- 2	+ 2	+ 8	+13	+19	+20	+19	+20	+20	866	22 18 +24	03 19 -24	48
20	+12	+ 2	- 4	-10	-11	-10	-10	-11	-10	-12	-12	-11	-10	- 7	- 5	- 4	- 3	0	+ 4	+10	+16	+22	+30	+27	875	23 05 +31	10 00 -12	43
21	+21	+12	+ 8	+ 1	- 8	-11	-14	-16	-16	-15	-14	-13	-11	-10	- 9	-11	- 9	- 5	+ 3	+13	+21	+26	+31	+32	875	23 55 +32	09 13 -16	48
22	+25	+14	+ 5	- 1	- 6	- 8	- 9	-10	-10	-12	-12	-10	-10	-10	- 8	- 6	- 2	+ 1	+ 2	+ 4	+ 7	+12	+17	+17	879	00 13 +28	11 18 -13	41
23	+ 9	+ 2	- 8	-20	-24	-20	-20	-18	-15	-15	-15	-18	-17	-15	-12	- 7	- 2	+ 4	+15	+32	+39	+38	+44	+37	884	23 21 +49	04 30 -25	74
24	+28	+23	+ 9	+ 2	- 2	+ 1	- 4	- 7	- 7	- 9	- 9	-12	-14	-14	-12	-12	-10	- 8	- 4	+ 1	+ 6	+13	+18	+17	864	00 19 +33	12 18 -15	48
25	+16	+11	+ 1	- 4	- 6	- 6	- 6	- 7	- 9	- 9	- 6	- 5	- 6	- 9	- 9	- 7	- 6	- 6	- 1	+ 4	+ 8	+13	+18	+26	867	23 57 +28	09 18 -10	38
26	+26	+21	+16	+10	+ 3	- 8	-16	-12	-11	-13	-13	- 9	- 5	- 6	- 5	- 1	- 1	- 1	0	+ 4	+ 6	+ 9	+ 9	+ 9	869	00 10 +27	06 17 -18	45
27	+ 3	- 1	- 4	- 8	-11	-11	-11	-10	- 9	- 8	- 6	- 6	- 5	- 4	- 4	- 3	- 1	0	+ 8	+13	+16	+17	+18	+18	872	23 03 +21	05 18 -12	33
28	+ 9	+ 4	+ 9	+ 7	+ 9	+10	+ 4	- 5	-15	-23	-23	-20	- 7	-12	- 8	- 7	- 5	- 3	+ 2	+ 6	+ 9	+15	+19	+23	877	22 38 +29	11 04 -25	54
29	+18	+ 6	+ 2	+ 6	+ 6	+ 1	- 3	- 8	-11	-14	-14	-14	-14	-14	-11	- 9	- 4	+ 1	+ 6	+12	+16	+18	+13	+13	878	00 27 +21	10 30 -16	37
30	+32	+ 7	-10	-25	-39	-46	-32	-25	-20	-11	-10	- 6	- 4	+ 8	+ 6	+ 6	+10	+13	+21	+28	+33	+30	+26	+18	847	00 01 +40	05 24 -51	91
31	+ 1	- 9	-10	-10	-13	-10	-10	-10	- 8	-10	- 8	- 8	- 5	- 4	- 3	- 1	+ 2	+ 7	+10	+14	+17	+21	+26	+26	856	23 00 +26	04 21 -14	40
MEAN.	+13	+ 6	0	- 5	- 9	- 9	-10	-11	-11	-11	-10	-10	- 8	- 7	- 4	- 3	0	+ 2	+ 7	+12	+14	+17	+19	+19	862			

International Seismological Centre

HORIZONTAL INTENSITY

G.M.T. (H = 34000γ + Mean +.....) August 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+ 7	+ 2	- 4	- 9	-10	-11	-12	-12	-10	-10	-10	-15	-15	-10	- 7	- 7	- 5	0	+12	+21	+25	+25	+25	+27	874	23 11 +32	11 58 -17	49
2	+31	- 7	-24	-37	-29	-18	- 9	- 9	-12	- 9	-10	+ 2	+ 4	+ 2	+ 2	+ 4	+ 8	+ 9	+11	+20	+21	+21	+16	+14	848	00 01 +48	03 30 -42	90
3	0	+ 4	- 3	- 8	- 8	- 7	- 7	- 6	- 6	- 6	- 8	- 9	-10	- 7	- 3	- 1	+ 2	+ 5	+11	+18	+16	+13	+ 7	+ 4	866	20 30 +19	12 41 -13	32
4	+ 5	+ 2	- 1	- 4	- 6	- 6	- 8	-13	-13	-13	- 8	- 6	- 8	- 8	- 7	- 3	- 1	+ 4	+ 9	+14	+19	+21	+21	+19	866	21 39 +24	08 03 -15	39
5	+ 9	+ 6	+ 2	- 6	- 6	-11	-11	- 8	- 5	- 1	- 6	- 9	- 6	- 5	- 6	- 8	- 3	+ 2	+ 6	+11	+14	+14	+18	+19	872	23 51 +19	07 00 -13	32
6	+19	+13	- 1	-21	-28	-18	-16	-14	-14	- 7	- 4	- 5	- 9	-11	-11	-11	- 7	+ 1	+ 8	+18	+25	+30	+30	+25	868	23 00 +30	04 16 -32	62
7	+ 9	+ 3	- 5	-10	-10	- 9	- 7	- 8	-10	-10	-13	-10	- 8	- 8	-10	- 5	- 5	- 5	0	+ 9	+18	+29	+36	+37	874	23 15 +39	10 24 -15	54
8	+27	+19	+ 7	- 1	- 6	- 9	- 7	- 9	-10	- 7	- 5	- 2	- 2	- 1	0	- 2	- 9	- 7	- 5	- 2	+ 1	+ 5	+ 7	+ 7	876	00 09 +30	09 00 -10	40
9																												
10	+29	+17	+ 4	- 7	-13	-15	-15	-14	-13	-12	-10	- 8	- 7	- 7	- 8	- 6	- 3	- 2	- 1	+ 2	+ 4	+14	+29	+34	884	23 06 +34	07 12 -15	49
11	+28	+18	+11	+ 4	- 4	- 9	-13	-16	-18	-18	-17	-13	-11	- 9	- 9	- 9	- 4	- 1	+ 6	+14	(+16	+16	+15	+16	887	00 06 +29	09 37 -20	49
12	+25	+15	+ 8	+ 3	- 3	- 4	- 5	- 8	-14	-20	-21	-18	-15	-14	-11	- 6	- 4	- 1	+ 5	+ 8	+ 8	+16	+28	+38	875	23 57 +43	10 12 -23	66
13	+58	+53	+45	+32	+20	+13	- 4	-21	-32	-40	-23	-27	-24	-18	-14	-14	- 9	- 4	- 1	+ 1	+ 6	+ 5	+ 1	- 6	857	00 46 +60	09 54 -42	102
14	+ 3	+ 8	+10	+ 9	- 3	-10	-13	-19	-22	-25	-18	-19	-14	-13	- 9	- 3	- 1	+ 2	+ 7	+16	+24	+31	+36	+33	849	23 15 +38	09 45 -29	67
15	+ 5	+ 5	+ 5	- 1	- 6	- 8	- 8	- 9	-10	-19	- 9	-13	-13	- 8	- 3	- 2	- 1	- 1	+ 5	+18	+24	+21	+21	+18	866	22 09 +26	09 57 -27	53
16	+10	+ 6	+ 5	0	- 6	-10	-13	-15	-13	-11	-10	- 8	- 8	- 6	- 5	- 6	- 4	+ 2	+ 9	+13	+16	+16	+16	+21	864	23 57 +23	07 00 -16	39
17	+19	+15	+ 5	- 1	- 3	- 4	- 2	- 2	- 4	- 9	- 7	- 6	- 7	- 7	- 9	- 7	- 6	- 2	+ 4	+ 4	+ 3	+ 5	+13	+19	872	00 21 +20	09 57 -13	33
18	+13	+ 3	- 2	- 4	- 7	- 7	- 7	- 4	- 4	- 4	- 6	- 7	- 8	- 8	- 7	- 6	- 4	- 2	+ 5	+13	+13	+13	+13	+13	877	23 05 +15	12 20 - 9	24
19	+ 7	+ 6	- 1	- 7	- 5	- 3	- 5	-13	-16	-13	-10	-10	-10	-10	- 8	- 5	- 2	+ 2	+ 7	+14	+22	+24	+23	+19	878	22 15 +24	08 30 -18	42
20	+ 8	+ 5	- 2	- 7	-10	-12	-11	-10	-10	-10	-11	-11	-11	-10	- 8	- 7	- 5	0	+ 8	+20	+25	+25	+25	+27	887	23 56 +28	05 09 -13	41
21	+29	+24	+14	+ 4	- 5	- 6	- 9	-10	-12	-12	- 6	-12	-13	-10	- 4	- 6	- 4	- 2	+ 4	+ 5	+ 8	+ 8	+ 9	+ 4	886	00 06 +30	13 15 -20	50
22	+ 8	+ 7	+ 1	- 6	-14	-14	- 9	- 4	- 4	- 2	0	- 2	+ 1	+ 3	0	- 2	-14	-14	-11	-11	- 2	+13	+30	+35	878	23 54 +38	17 44 -19	57
23	+42	+10	-16	-31	-29	-19	-17	-17	-19	-22	-17	-13	-13	-12	- 8	- 6	- 1	+ 4	+12	+23	+32	+37	+41	+41	852	00 00 +64	03 30 -36	100
24	+18	+ 6	- 3	-12	-18	-20	-19	-18	-13	-11	-11	- 9	- 8	- 8	- 8	- 8	- 5	0	+ 8	+16	+26	+33	+36	+36	870	23 24 +36	06 51 -20	56
25	+27	+19	+ 9	- 3	-10	-14	-14	-12	- 8	- 5	-10	-10	-14	-15	-15	-13	-10	- 5	- 1	+ 7	+14	+22	+29	+36	877	23 47 +38	14 00 -16	54
26	+31	+19	+ 4	- 6	-13	-16	-19	-23	-21	-18	-17	-16	-16	-13	-13	-10	- 6	- 4	+ 3	+18	+28	+36	+40	+40	880	22 27 +41	07 30 -23	64
27	+29	+20	+10	- 4	-10	- 6	- 9	-10	-14	-15	-14	-11	- 8	- 5	- 5	- 8	- 8	- 5	- 5	- 5	+ 2	+17	+30	+35	888	23 39 +37	08 54 -15	52
28	+92	+67	-13	-80	-71	-41	-30	-32	-29	-27	-25	-22	-18	-13	- 6	+ 4	+ 6	+12	+23	+30	+30	+45	+50	+47	828	00 33 +95	03 58 -87	182
29	+15	+ 9	- 6	-14	-13	-11	-16	-13	- 8	-13	-10	- 8	- 8	-11	-10	- 6	- 5	- 1	+ 3	+11	+21	+31	+35	+31	857	22 18 +36	06 56 -22	58
30	+11	- 2	-14	-16	-14	-11	-12	-14	-17	-17	-14	-12	-11	-10	- 7	- 5	- 2	+ 3	+10	+17	+27	+32	+36	+32	868	22 54 +37	03 20 -17	54
31	+17	+ 4	- 4	-11	-15	-15	-15	-12	-12	-13	-12	-11	-10	- 7	- 5	- 2	0	+ 5	+ 9	+14	+14	+20	+27	+30	873	23 30 +31	22 54 -16	47
MEAN.	+21	+12	+ 1	- 8	-12	-11	-11	-13	-13	-13	-11	-11	-10	- 9	- 7	- 6	- 4	0	+ 5	+12	+17	+21	+25	+25	870			

International Seismological Centre

HORIZONTAL INTENSITY

(H = 34000γ + Mean + ...)

September 1945

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+14	+ 2	- 7	-10	-13	-13	-13	-12	-13	-13	-13	-15	-13	-12	- 8	- 4	- 1	+ 2	+ 9	+17	+26	+27	+28	+24	881	21 58 +31	11 30 -15	46
2	+19	+10	+ 5	0	- 5	- 7	- 8	-12	-16	-13	-12	-12	-13	-16	-10	- 8	- 8	- 3	+ 3	+13	+21	+26	+26	+25	874	21 33 +28	07 55 -17	45
3	+11	+ 1	- 9	-15	-14	-10	-11	-11	-13	-14	-16	-16	-14	-11	- 9	- 4	- 2	+ 3	+10	+18	+26	+31	+33	+32	882	23 00 +36	12 00 -19	55
4	+43	+25	+ 7	+ 6	+13	+18	+ 7	-28	-52	-45	-27	-11	- 9	-16	-14	- 9	- 6	- 2	+ 9	+15	+18	+22	+23	+23	859	00 00 +49	08 45 -57	106
5	+ 9	- 4	-12	-13	-17	-17	-11	-10	- 7	-10	- 6	- 7	- 8	-10	-12	-12	- 7	- 1	+ 5	+15	+26	+35	+41	+39	867	22 45 +42	05 00 -19	61
6	+26	+10	- 4	-15	-16	-18	-16	-14	-16	-14	- 6	- 9	- 9	- 4	- 8	-10	-11	- 9	0	+11	+22	+33	+35	+31	871	21 55 +40	05 40 -18	58
7	+24	+11	0	- 8	-13	-15	-17	-13	-11	-10	- 8	-11	-11	- 6	- 5	- 6	- 8	-11	- 4	+10	+21	+31	+36	+29	878	22 13 +39	06 55 -21	60
8	+11	+ 2	- 1	- 7	-13	-15	-15	-15	-15	-15	-13	-13	-13	-12	-11	-12	-11	- 9	- 3	+11	+27	+56	+52	+43	885	21 49 +61	08 00 -18	79
9	+46	+30	+16	0	- 6	-10	-20	-21	-20	-17	-17	-17	-16	-15	-15	-13	-13	-13	-10	- 3	+10	+22	+30	+34	+30	887	00 39 +50	07 09 -24	74
10	+23	+11	+ 1	- 9	-14	-12	-14	-15	-15	-16	-15	-14	-14	-14	-12	-11	-11	-10	+ 1	+18	+24	+33	+42	+39	887	22 54 +42	11 39 -16	58
11	+39	+25	+ 9	+ 2	- 5	- 7	- 5	- 5	- 9	-12	-12	-14	-12	- 9	- 7	- 5	- 2	- 5	- 3	+ 5	+ 8	+10	+ 9	+10	878	00 00 +45	11 45 -14	59
12	+14	-11	-19	-25	-27	-21	-25	-20	-19	-17	-17	-15	-12	- 3	- 5	- 5	- 4	+ 1	+11	+24	+37	+49	+52	+49	864	22 06 +52	03 54 -37	89
13	+33	+18	+ 3	- 5	- 9	- 9	-13	-14	-14	-19	-19	-15	-11	-11	- 4	- 5	- 4	- 3	+ 1	+ 6	+13	+23	+31	+28	875	00 05 +37	11 00 -22	59
14	+21	+12	+ 1	- 8	-11	-11	-13	-13	-13	-14	-14	-14	-14	-11	- 9	- 6	- 5	- 2	+ 2	+13	+25	+33	+35	+28	875	22 12 +36	12 00 -15	51
15	+17	+ 9	- 1	- 6	- 6	- 8	-10	-10	- 9	- 8	- 9	- 9	- 9	- 9	- 9	- 8	- 8	- 3	+ 2	+ 9	+17	+24	+29	+27	879	22 43 +31	06 34 -13	44
16	+16	+ 6	- 1	- 6	- 6	- 9	-10	- 9	-11	-11	- 9	- 4	- 4	- 6	- 4	- 1	- 1	- 5	- 1	+ 5	+11	+18	+21	+19	881	23 06 +26	08 39 -12	38
17	+40	+18	+ 6	-16	-28	-22	-15	-14	-12	+ 9	-10	-21	-15	- 2	- 6	- 9	- 9	- 4	+ 3	+23	+24	+20	+17	+23	840	00 03 +52	05 01 -33	85
18	+14	+ 5	-12	-10	- 3	- 2	+ 2	- 3	+ 2	- 8	- 8	+14	- 3	- 6	- 3	+ 2	+ 7	- 3	0	+12	+12	+ 7	0	- 8	846	11 30 +20	02 39 -20	40
19	-12	-13	- 6	- 7	-11	-11	-10	- 8	-11	-16	- 4	-10	-10	-10	- 8	- 5	- 2	+ 4	+12	+19	+26	+30	+34	+28	842	22 09 +35	00 47 -20	55
20	+13	+ 1	- 8	-15	-23	-28	-24	-21	-21	-18	- 4	- 3	- 6	- 5	- 4	0	+ 3	+ 9	+17	+18	+24	+32	+32	+25	852	22 05 +33	05 51 -28	61
21	+ 5	- 2	- 6	- 5	- 5	- 5	- 6	- 6	- 5	- 5	- 5	- 5	-10	- 5	0	- 5	-10	- 7	0	+11	+20	+25	+22	+12	865	22 01 +30	16 28 -12	42
22	+ 2	- 8	-12	-14	-13	-12	-10	-10	-10	- 7	- 7	- 8	- 7	- 6	- 3	- 3	- 3	- 1	+ 5	+13	+20	+29	+36	+33	861	22 45 +36	04 04 -15	51
23	+12	+ 2	- 5	-10	-13	-14	-15	-15	-15	-14	-13	-10	-10	-10	- 9	- 9	- 8	- 3	+ 6	+14	+24	+34	+38	+37	873	22 21 +39	06 15 -15	54
24	+19	+ 8	- 4	-11	-14	-16	-18	-20	-21	-20	-18	-16	-12	-11	-11	-11	-11	- 6	+ 3	+14	+28	+42	+48	+49	886	23 09 +49	08 42 -21	70
25	+36	+23	+16	+11	+ 6	+ 3	- 2	- 3	- 2	0	-12	-15	-15	-14	-17	-21	-19	-15	- 9	+ 3	+13	+18	+18	+ 8	889	00 02 +44	15 39 -21	65
26	+13	+ 4	- 2	- 5	- 6	- 8	- 9	- 9	-14	-17	-14	-14	-12	-12	- 8	- 7	- 6	- 5	+ 3	+15	+23	+25	+29	+33	877	23 18 +35	10 00 -17	52
27	+34	+25	+11	- 3	-11	-11	- 7	- 6	- 7	-10	-22	-20	-23	-23	-17	-11	- 8	- 6	+ 3	+23	+26	+26	+24	+20	871	00 27 +36	13 00 -28	64
28	+20	+11	- 2	-16	-22	-14	-10	-10	-10	-13	-17	-14	-12	-11	- 8	- 2	+ 3	+ 5	+ 9	+14	+20	+26	+29	+22	865	22 04 +30	04 09 -24	54
29	+ 3	- 1	- 5	- 5	- 3	- 6	- 9	-14	-14	-14	-14	-14	-11	- 7	- 5	- 5	- 7	0	+10	+13	+18	+30	+32	+30	877	22 05 +33	11 13 -16	49
30	+31	+12	- 6	- 5	+ 2	+ 1	- 6	-17	-18	-11	-11	-14	-14	-16	- 6	+ 1	+ 3	+ 5	+ 6	+ 8	+11	+13	+12	+11	869	00 21 +33	08 30 -23	56
31																												
MEAN.	+20	+ 8	- 2	- 8	-10	-10	-11	-13	-14	-13	-12	-12	-11	-10	- 8	- 7	- 6	- 3	+ 4	+13	+21	+28	+30	+27	871			

290/1/41—14357]

International Seismological Centre

HORIZONTAL INTENSITY

(H = 34000γ + Mean + ...)

October 1945

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M.	γ	Minimum. H. M.	γ	Range.
1	+10	- 6	-11	-13	-11	- 9	-10	-10	- 9	-11	-13	-13	-10	-10	-10	- 8	- 6	- 3	+ 9	+17	+22	+32	+38	+36	866	22 09	+38	10 09	-15	53
2	+27	+17	+ 7	+ 2	+ 2	+ 1	+ 1	- 3	- 6	-12	-15	-15	- 8	-11	- 8	- 6	- 6	- 6	- 6	- 1	+ 5	+12	+17	+15	871	00 02	+29	10 08	-20	49
3	+ 5	- 5	-10	-10	-10	-10	-10	- 9	- 8	- 6	- 8	- 9	- 8	- 8	- 8	-10	- 8	- 5	0	+10	+19	+32	+40	+40	873	22 47	+42	16 00	-10	52
4	+26	+13	+ 2	- 4	-12	-14	-14	-12	-12	- 9	- 9	-10	-12	-10	- 9	- 7	- 6	- 3	+ 1	+ 8	+18	+28	+32	+26	882	21 58	+36	04 58	-14	50
5	+33	+23	+10	0	- 2	- 5	- 7	- 9	- 9	-12	-17	-18	-17	- 9	-12	-10	- 6	- 7	- 5	+ 4	+10	+21	+21	+20	865	00 01	+37	11 39	-19	56
6	+15	+ 8	+ 2	- 3	- 6	-11	-13	-15	-15	-14	-13	-11	-10	-10	-10	- 8	- 5	- 3	+ 5	+15	+23	+28	+26	+23	873	21 09	+29	07 20	-15	44
7	+18	+ 9	+ 1	- 5	-14	-16	-16	-14	-10	- 9	- 9	- 9	- 7	- 4	- 4	- 5	- 4	+ 1	+ 4	+16	+32	+21	+ 9	+11	874	20 32	+39	06 15	-17	56
8	+21	+14	+ 4	- 1	- 8	-16	-20	-23	-18	-13	-11	-11	- 6	-13	- 9	- 4	- 4	- 6	+ 1	+14	+19	+28	+36	+38	863	23 17	+40	07 00	-25	65
9	+37	+31	+20	+ 6	- 7	-20	-28	-28	-28	-30	-30	-23	-18	-16	-14	-13	-11	- 6	- 1	+10	+24	+40	+49	+46	863	22 16	+49	10 20	-33	82
10	+27	+16	+ 6	- 1	- 7	- 9	-11	-11	-11	-10	- 9	- 9	- 9	- 9	- 6	- 6	- 6	- 4	- 1	+ 4	+11	+18	+21	+18	873	00 02	+31	07 21	-12	43
11	+ 7	- 3	- 8	-13	-13	-13	-13	-13	-13	-13	-10	-10	- 9	- 8	- 8	- 7	- 8	- 2	+ 5	+12	+19	+30	+42	+45	882	23 54	+47	04 00	-14	61
12	+54	+46	+37	+32	+27	+19	+14	+14	+23	+23	+ 5	- 1	-18	-21	-13	-23	-33	-40	-42	-30	-25	-17	- 9	-13	868	00 10	+57	18 08	-49	106
13	+ 9	+ 4	- 5	- 6	- 6	- 6	-13	-19	- 2	- 7	-12	-10	-10	- 7	- 4	- 1	- 1	0	+ 5	+12	+19	+24	+24	+24	845	21 09	+26	08 01	-22	48
14	+ 8	+ 1	- 3	- 8	-13	-17	-17	-17	-18	-14	-14	-13	-13	- 6	- 6	- 3	- 1	- 1	+ 4	+16	+26	+36	+36	+35	858	21 33	+37	08 53	-19	56
15	+23	+10	0	- 6	-12	-15	-17	-14	-17	-17	-12	- 5	- 8	- 7	- 5	- 6	- 8	- 7	- 2	+10	+23	+33	+34	+30	864	22 30	+36	09 48	-20	56
16	+30	+17	+ 9	+ 2	- 2	- 5	- 7	-17	-19	-19	-21	-17	0	- 5	-12	-17	-13	-10	- 2	+ 7	+21	+30	+32	+28	857	00 03	+34	10 25	-22	56
17	+17	+ 6	- 3	- 8	- 6	- 4	-11	-17	-22	-23	- 8	-11	-13	-13	-11	-11	- 4	- 6	+ 1	+ 9	+22	+33	+40	+35	858	22 39	+41	09 17	-28	69
18	+23	+13	+ 3	- 5	-11	-16	-14	- 7	- 6	- 7	- 4	- 9	-16	- 6	- 5	- 9	- 5	- 2	+ 1	+ 6	+13	+21	+26	+26	861	22 33	+28	06 05	-18	46
19	+16	+12	+ 3	- 9	-11	-10	-11	-11	- 9	- 9	-11	-14	-11	-16	-16	-13	-11	- 9	- 4	+ 9	+21	+39	+44	+39	868	22 09	+50	14 38	-17	67
20	+34	+17	+ 2	-17	-24	-22	-20	-17	-15	-11	- 9	- 8	- 5	- 3	- 3	- 2	- 1	+ 1	+ 1	+12	+18	+28	+29	+24	860	00 06	+44	04 12	-25	69
21	+15	+ 7	0	- 8	-12	-10	-11	-10	-10	-10	- 9	- 8	- 6	- 5	- 5	- 6	- 6	- 5	- 3	+ 7	+17	+24	+27	+30	867	23 57	+32	04 21	-12	44
22	+27	+22	+13	+ 5	- 1	- 5	- 8	-10	- 8	- 8	- 8	- 5	- 8	-11	-11	-15	-16	-17	-13	- 8	+ 8	+23	+29	+22	872	22 06	+33	17 57	-20	53
23	+21	+13	+ 2	-12	-18	-20	-20	-20	-18	-16	-11	- 8	- 6	- 3	- 3	- 4	- 6	- 6	- 6	+ 4	+18	+34	+40	+44	870	23 45	+54	05 45	-21	75
24	+69	+61	+37	+ 8	+ 4	- 1	- 5	- 8	+ 7	- 4	-13	-10	-34	-31	-13	-13	- 7	+13	- 1	-20	-20	- 8	- 7	-13	848	00 36	+ 71	12 45	-41	112
25	+ 2	-24	-41	-51	-38	-22	-14	-14	-21	- 5	-19	-14	-14	-11	- 3	- 2	+ 7	+19	+15	+30	+42	+54	+66	+69	825	23 30	+72	03 02	-56	128
26	+36	+21	+ 2	-10	-18	-19	-18	-20	-21	-21	-20	-20	-19	-18	-15	-13	-10	- 8	- 1	+14	+29	+45	+56	+54	853	22 45	+59	09 00	-23	82
27	+43	+29	+14	+ 3	- 4	- 7	- 7	- 8	- 9	-11	-15	-14	-11	-10	- 4	+ 1	- 5	- 5	- 2	+ 1	+ 8	+13	+ 8	- 7	854	00 06	+46	10 39	-16	62
28	- 2	-27	-31	-35	-31	-28	-21	-19	-17	-12	-10	0	- 1	+ 2	+ 9	+11	+11	+ 9	+20	+25	+18	+31	+46	+56	821	23 50	+59	03 39	-42	101
29	+26	+20	+ 5	- 7	-11	- 9	-11	-12	-13	-16	-19	-18	-17	-15	-12	- 9	- 9	- 7	0	+ 9	+20	+30	+37	+36	852	22 22	+39	10 30	-10	140
30	+27	+22	+ 4	- 5	-10	-15	-15	-15	-16	-16	-17	-20	-16	- 8	-10	-13	-13	-10	- 2	+11	+25	+39	+43	+39	860	22 27	+45	11 42	-20	65
31	+24	+15	+ 4	- 6	-12	-15	-15	-15	-13	-15	-15	-15	-12	-12	-12	-11	-10	-11	- 5	+12	+28	+38	+42	+40	867	23 24	+42	11 23	-17	59
MEAN.	+23	+13	+ 2	- 6	-10	-11	-12	-13	-12	-12	-12	-12	-11	-10	- 8	- 8	- 7	- 5	- 1	+ 8	+17	+27	+31	+30	862					

3000/1/41—14357)

International Seismological Centre

HORIZONTAL INTENSITY

(H = 34000γ + Mean + ...)

November 1945

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+29	+21	+13	+ 3	- 8	-15	-19	-18	-19	-19	-18	-18	-18	-17	-17	-15	-14	-13	- 9	+ 6	+27	+44	+48	+48	875	23 03 +50	09 02 -19	69
2	+42	+29	+15	+ 1	- 9	-11	-11	-11	- 9	- 9	- 9	- 9	-11	-11	-12	-14	-15	-19	-16	- 5	+11	+26	+34	+34	872	00 02 +47	17 07 -19	66
3	+24	+14	+ 3	- 4	-10	-18	-21	-18	-14	-13	-10	-10	-10	-13	-13	- 8	-10	-13	- 9	+ 7	+22	+33	+40	+40	875	22 48 +42	06 30 -23	65
4	+20	+11	- 2	-11	-14	-16	-14	-14	-13	-12	- 9	- 9	-12	- 4	- 9	-12	-11	- 9	+ 2	+15	+29	+33	+37	+29	889	22 37 +39	07 18 -16	55
5	+44	+26	+ 2	-11	-19	-19	-16	-17	-14	-14	-12	-12	-14	-11	-11	-11	-11	- 7	+ 1	+11	+21	+30	+35	+35	861	00 15 +50	04 51 -19	69
6	+15	+ 7	0	- 5	- 7	- 8	- 8	-12	-14	-13	-13	-14	-14	-13	-12	-13	-13	- 9	- 3	+15	+22	+33	+38	+39	875	23 21 +40	08 46 -14	54
7	+24	+17	+ 4	- 5	-11	-14	-16	-14	-14	-14	-15	-14	-13	-11	-11	- 9	- 9	- 6	- 4	+11	(+20	+31	+36	+36	886	00 02 +28	06 18 -16	44
8																												
9	+60	+48	+26	+10	+ 8	+ 2	-18	-40	-43	-27	-20	-32	-28	-18	-14	-12	- 9	- 4	- 3	+(8	+15	+25	+30	+30	837	00 06 +63	07 45 -51	114
10																												
11																												
12																												
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17																												
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19																												
20																												
21																												
22																												
23																												
24	+32	+22	+10	- 2	-15	-20	-22	-22	-22	-20	-16	-17	-19	-19	-17	-17	-17	-12	- 5	+17	+32	+45	+54	+58	881	23 21 +59	06 25 -25	84
25	+45	+27	+11	- 1	-11	-16	-16	-19	-19	-19	-18	-16	-16	-14	-13	-15	-14	-14	-10	+ 9	+19	+34	+45	+45	885	00 02 +50	09 12 -19	69
26	+37	+24	+10	- 7	-17	-22	-22	-22	-21	-20	-20	-20	-20	-16	-17	-17	-17	-14	- 6	+10	+33	+46	+54	+54	886	23 00 +59	05 30 -25	84
27	+40	+27	+ 9	- 4	-16	-21	-19	-16	-15	-14	-14	-14	-14	-14	-13	-11	- 9	-10	- 6	+ 5	+17	+35	+46	+42	890	21 57 +49	05 24 -19	68
28	+28	+18	+ 5	- 6	-14	-14	- 9	- 9	- 6	- 7	-11	-14	-14	-14	-14	-14	-16	-16	-11	+ 4	+24	+36	+35	+32	895	21 58 +39	05 00 -18	57
29	+39	+32	+16	+11	+ 9	0	- 9	-14	-16	-10	-14	-21	-21	-16	-11	-11	-10	-11	-10	- 6	+ 5	+19	+24	+29	875	00 00 +44	11 37 -24	68
30	+21	+ 7	- 5	-13	-14	-13	-10	-12	-13	-13	-14	-15	-15	-15	-13	-12	-10	-13	- 3	+14	+33	+43	+48	+48	874	23 24 +51	12 34 -18	69
31																												
MEAN.	+34	+22	+ 8	- 3	-10	-14	-15	-17	-17	-15	-14	-16	-16	-14	-13	-13	-12	-11	- 6	+ 8	+22	+34	+40	+40	877			

International Seismological Centre

HORIZONTAL INTENSITY

G.M.T. (H = 34000γ + Mean + ...) December 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+32	+17	+ 1	-12	-16	-17	-15	-11	-10	- 9	- 9	-10	-11	-12	-11	-10	-10	- 9	- 3	+ 8	+23	+31	+37	+38	878	22 54 +38	05 15 -19	57
2	+22	+36	- 2	-16	-21	-20	-16	-11	- 9	- 9	- 8	- 9	-13	-11	-13	-14	-16	-16	- 7	+ 8	+23	+37	+41	+35	888	21 57 +44	04 30 -24	68
3	+39	+26	+12	- 5	-12	-12	-10	-11	-10	-10	-10	-10	-12	-12	-13	-13	-13	-15	-10	- 1	+12	+25	+30	+32	874	00 02 +45	04 46 -15	60
4	+21	+11	+21	-11	-16	-16	-15	-14	-11	-10	- 9	-10	- 9	-10	-11	-10	- 9	- 6	- 6	0	+16	+32	+38	+40	878	23 05 +41	04 45 -17	58
5	+27	+22	+ 9	- 4	-13	-18	-19	-18	-18	-18	-18	-18	-18	-15	-14	- 9	- 3	+ 3	+14	+19	+22	+34	+32	+19	887	21 52 +37	05 46 -20	57
6	+34	+29	+14	+ 7	0	- 8	-10	-11	-10	-13	- 8	-10	-13	-15	-15	-15	-16	-17	-20	-10	+ 2	+17	+42	+53	867	23 39 +57	18 54 -20	77
7	+43	+30	+15	0	-12	-20	-26	-27	-17	-15	-15	-12	-10	-12	- 9	-10	-17	-10	- 4	+ 6	+20	+33	+35	+23	871	00 02 +50	07 42 -31	81
8	+40	+23	+11	- 2	-14	-31	-31	-28	-23	-19	-16	-10	- 7	- 4	+ 1	+ 1	- 2	- 2	+ 1	+ 1	+ 8	+23	+40	+44	861	22 59 +48	06 54 -33	81
9	+23	+ 7	- 2	- 7	-13	-17	-17	-19	-14	-14	-17	-18	-17	- 9	- 9	- 4	- 4	- 4	- 2	+10	+25	+39	+48	+45	871	22 39 +50	07 53 -21	71
10	+30	+45	+ 7	- 7	-13	-18	-17	-17	-22	-22	-18	-17	-19	-19	-14	-14	-14	-10	- 7	+ 2	+18	+35	+51	+61	881	23 09 +61	09 55 -24	85
11	+57	+40	+20	+ 5	- 7	-12	-12	-14	-14	-14	-19	-19	-19	-17	-17	-17	-14	-12	- 9	+ 1	+10	+25	+30	+29	876	00 02 +61	12 39 -22	83
12	+20	+ 8	- 3	- 9	-12	-12	-11	-11	-11	-16	-21	-21	-16	- 8	-11	-11	-11	- 8	- 1	+11	+25	+38	+51	+48	875	22 41 +53	12 15 -23	76
13	+41	+27	+12	0	- 6	- 7	- 5	- 6	- 7	- 7	- 7	- 6	0	+15	+15	+17	+15	+ 3	+ 4	+ 7	-10	-15	-33	-53	873	00 12 +45	23 57 -61	106
14	+ 9	- 3	-26	-44	+ 2	+28	+40	+47	+47	- 3	-28	- 5	-44	-37	-30	-26	-26	-18	-12	+ 2	+14	+29	+40	+40	792	23 06 +45	04 00 -51	96
15	+ 2	- 9	-21	-25	-21	-21	-19	-19	-20	-20	-19	-17	- 9	- 7	- 7	- 5	- 2	+ 2	+14	+31	+45	+52	+52	+51	820	21 51 +53	03 05 -26	79
16	+15	0	-17	-31	-35	-28	-24	-19	-20	-21	-20	-19	-18	-17	-15	-14	-12	- 9	- 1	+32	+57	+72	+74	+72	846	22 02 +77	05 14 -37	114
17	+51	+14	- 8	-14	-21	-15	- 5	- 3	0	+ 7	- 3	-15	-19	-15	- 8	- 8	-12	-12	-10	+ 2	+12	+21	+34	+31	837	00 01 +78	05 09 -24	102
18	+13	+ 7	- 6	-18	-25	-24	-17	-13	-11	-11	-11	-11	-11	-11	- 6	- 9	-11	-11	- 6	+ 8	+24	+44	+60	+68	850	23 20 +68	04 33 -25	93
19	+44	+27	+12	-13	-25	-29	-27	-27	-29	-34	-31	-28	-29	-29	-27	-27	-23	-20	+ 7	+34	+54	+80	+80	+49	866	22 34 +98	09 27 -34	132
20	+52	+47	+21	-10	-23	-32	-10	- 8	-13	-11	- 8	- 8	- 8	- 7	-11	-11	- 7	- 8	- 8	- 6	+ 8	+21	+29	+16	845	01 05 +63	05 41 -37	100
21	+20	+ 8	-15	-20	-37	-39	-37	-39	-39	-34	-20	-13	- 7	- 4	- 4	- 1	+ 4	+ 5	+11	+20	+40	+60	+74	+77	833	23 54 +79	07 45 -42	121
22	+49	+38	+16	- 8	-20	-25	-24	-25	-21	-20	-18	-18	-15	-13	-13	-13	-11	- 7	+ 3	+14	+36	+55	+55		864	22 46 +59	07 39 -27	86
23	+42	+33	+13	- 1	-10	-16	-16	-15	-15	-15	-14	-14	-11	-11	- 9	- 5	+ 2	+ 4	+ 8	+ 6	- 1	+16	+13	+13	872	00 15 +43	05 47 -43	86
24	+34	+19	+ 7	- 5	-13	-10	-15	-20	-19	- 8	-15	-22	- 2	-13	-10	+ 5	- 1	- 4	- 3	+ 5	+13	+22	+34	+41	866	23 33 +42	12 32 -27	69
25	+34	+28	+15	+ 2	- 8	-16	-16	-11	+ 2	- 6	- 8	-14	- 8	+ 7	-11	-12	- 8	- 6	-16	-13	+ 2	+14	+19	+19	869	00 03 +36	18 47 -23	59
26	+29	+ 9	-10	-15	-20	+26	-15	-13	-13	- 8	- 1	-13	- 6	- 8	- 8	- 7	- 4	- 6	- 6	- 1	+ 9	+24	+31	+30	847	00 06 +40	05 21 -29	69
27	+14	+ 4	- 3	-13	-10	-15	-10	-13	- 5	- 7	- 5	-13	- 1	- 3	- 5	- 1	- 5	- 5	- 1	- 2	+12	+26	+34	+36	854	23 54 +41	05 30 -17	58
28	+35	+21	+ 5	- 6	-14	-20	-20	-15	- 6	- 9	-12	-11	-15	- 5	+ 4	-13	+ 1	- 6	- 6	- 1	+ 9	+19	+24	+31	852	00 04 +41	06 12 -23	64
29	+30	+20	+ 8	- 9	-26	-19	-14	- 9	- 8	-12	- 4	- 2	- 3	- 7	- 8	- 7	-21	- 7	0	+ 5	+15	+24	+30	+35	853	23 09 +37	04 27 -31	68
30	+25	+17	+ 1	- 8	-11	-14	-16	-16	-14	- 9	- 5	- 8	-14	-14	-13	-14	-11	- 8	0	+11	+19	+33	+35	+33	860	22 54 +35	07 46 -16	51
31	+18	+ 5	- 3	-13	-21	-25	-17	-10	-15	-17	-19	-21	-17	-14	- 5	- 3	- 3	- 1	+ 2	+(7	+29)	+42	+54	+53	865	22 36 +59	05 42 -25	84
MEAN.	+30	+20	+ 3	-10	-16	-16	-15	-14	-12	-13	-13	-14	-14	-11	-10	- 9	- 9	- 7	- 3	+ 7	+18	+32	+39	+38	860			

International Seismological Centre

DECLINATION

(D = 10° + Mean +...East)

Unit = 0.1 minute of a rc

G.M.T.

January 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+18	+19	+21	+17	+ 9	+ 9	+ 8	+ 8	+ 5	0	- 7	-10	- 8	- 5	- 5	- 5	- 8	-20	-30	-32	-27	- 9	+12	+40	700			
2	+47	+33	+18	+ 8	+ 8	+ 8	+ 8	0	- 2	- 2	- 3	- 9	-12	-12	-12	-12	-10	-14	-22	-22	-21	-12	+ 6	+19	702			
3	+29	+29	+26	+18	+ 9	+ 7	+ 8	+ 7	0	- 1	-10	- 9	- 4	- 8	- 4	- 1	- 2	-11	-21	-26	-31	-22	- 4	+21	701			
4	+38	+38	+28	+18	+12	+ 7	+ 3	+ 6	+ 3	+ 1	- 2	- 4	- 8	- 7	- 4	- 3	- 2	-13	-28	-39	-32	-24	- 5	+13	702			
5	+19	+19	+18	+18	+14	+17	+ 9	+ 6	+ 1	- 2	- 2	- 2	- 3	- 6	- 5	- 8	- 8	-11	-14	-22	-22	-21	- 9	+ 8	702			
6	+23	+29	+37	+39	+26	+16	+ 9	+ 8	+ 7	- 1	- 3	- 9	-10	-11	-10	- 9	-11	-19	-24	-31	-31	-22	-12	- 2	702			
7	+19	+25	+20	+11	+ 8	+ 6	+ 3	+ 8	+ 6	0	- 1	- 1	- 2	- 2	- 7	- 7	- 8	-10	-12	-21	-20	-11	- 2	+ 2	701			
8	+16	+22	+21	+14	+11	+ 3	+ 4	+ 3	+ 1	0	- 1	- 2	- 3	- 4	0	0	- 1	-11	-19	-20	-19	-15	- 9	+ 1	699			
9	+13	+14	+14	+20	+14	+12	+12	+11	+ 4	+ 4	+ 3	+ 3	+ 1	- 5	- 6	- 7	- 9	-17	-25	-26	-21	-17	- 7	+ 5	697			
10	+17	+17	+ 9	+14	+13	+14	+14	+ 5	+ 4	0	- 2	- 3	- 3	- 6	- 6	- 6	- 7	-26	-29	-28	-18	- 4	+14	+24	696			
11	+22	+20	+18	+17	+13	+10	+ 8	+ 6	+ 5	+ 3	+ 2	+ 2	+ 2	+ 2	0	- 4	- 8	-18	-21	-24	-24	-18	- 6	+ 2	698			
12	+ 3	+ 3	+ 3	+ 3	+ 3	+ 5	+11	+11	+ 7	+ 4	+ 3	+ 3	+ 2	+ 1	- 5	- 5	- 7	-17	-28	-34	-17	+ 2	+21	+34	697			
13	+28	+16	+ 8	+ 5	0	+ 7	+ 8	+10	+ 8	+ 5	- 1	- 2	- 2	- 3	- 3	- 3	-10	-19	-22	-21	-12	-10	- 3	+12	702			
14	+21	+28	+29	+13	+ 8	+ 1	+ 2	+ 2	+ 1	0	- 1	- 2	- 4	- 3	- 3	- 7	- 8	-21	-30	-30	-22	-10	+10	+22	700			
15																												
16	+31	+32	+24	+12	+ 3	+ 1	+ 2	+ 2	+ 1	- 7	- 5	- 3	+ 1	- 1	+ 1	- 4	- 7	-18	-29	-28	-19	- 8	+ 2	+21	698			
17	+24	+21	+22	+19	+10	+11	+ 5	+ 5	+ 4	+ 1	0	+ 1	0	0	+ 2	+ 2	+ 1	- 9	-26	-36	-36	-21	- 9	+13	699			
18	+30	+30	+29	+19	+ 2	0	+ 3	+ 5	+ 7	+ 2	+ 1	0	0	0	0	0	- 4	-18	-30	-40	-32	-22	- 1	+ 9	700			
19	+14	+24	+29	+22	+13	+13	+12	+11	+10	+ 6	+ 4	+ 3	+ 1	0	+ 1	+ 1	+ 2	- 9	-21	-37	-38	-30	-19	- 7	698			
20	+11	+17	+21	+15	+12	+ 4	+ 4	+ 3	+ 2	+ 2	0	- 5	+ 1	+ 3	- 3	- 4	- 5	-16	-24	-21	-17	- 7	+ 3	+13	697			
21	+23	+32	+28	+14	+10	+ 4	+ 2	+ 4	+ 3	+ 2	+ 2	+ 2	+ 2	+ 2	+ 1	+ 1	0	-15	-28	-37	-29	-21	- 9	+ 2	698			
22	+ 9	+12	+12	+ 9	+ 3	+ 2	+ 7	+10	+ 7	+ 4	+ 1	+ 1	+ 1	+ 1	- 8	- 9	- 9	-17	-19	-19	-11	- 6	+ 1	+13	699			
23	+20	+19	+19	+18	+ 9	+ 3	+ 2	0	0	+ 2	- 1	- 1	- 1	- 1	- 3	- 4	- 9	-18	-21	-23	-19	- 9	+ 1	+ 9	701			
24	+17	+16	+13	+ 5	+ 2	+ 1	+ 4	+ 4	+ 4	+ 4	+ 3	+ 3	0	+ 2	0	- 4	- 6	-16	-26	-21	-12	- 6	+ 6	+17	696			
25	+13	+14	+15	+11	+11	+ 3	+ 3	+ 2	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	- 5	-10	-26	-21	-27	-10	+ 1	+16	699			
26	+28	+13	0	-16	-15	- 6	+ 3	+ 3	+ 5	+ 3	+ 3	+ 1	0	- 8	- 9	- 9	-15	-24	-24	- 9	+ 3	+21	+21	+27	699			
27	+30	+29	+24	+21	+13	+12	+11	+11	+ 9	+ 2	+ 2	- 2	- 1	- 5	- 6	- 8	- 8	-21	-38	-38	-28	-15	+ 2	+12	698			
28	+15	+11	+ 4	+ 3	+ 2	+ 3	+10	+11	+ 4	+ 4	+ 3	+ 2	0	+ 1	- 5	- 6	- 7	-19	-28	-23	-18	- 8	+11	+22	698			
29	+23	+21	+25	+30	+12	+ 4	+ 4	+ 4	+ 4	+ 3	+ 4	+ 3	+ 3	+ 3	+ 6	+ 4	- 5	-16	-26	-37	-38	-26	-10	+ 7	696			
30	+16	+12	+ 9	+ 8	+11	+ 4	+ 2	+ 5	+ 2	+ 2	+ 1	+ 1	+ 1	- 1	- 3	- 1	- 6	-17	-27	-27	-18	- 7	+10	+24	698			
31																												
MEAN.	+21	+21	+19	+14	+ 9	+ 6	+ 6	+ 6	+ 4	+ 1	0	- 1	- 2	- 2	- 3	- 4	- 6	-16	-25	-27	-23	-13	+ 1	+14	699			

International Seismological Centre

DECLINATION

(D = 10° + Mean +...East)

G.M.T. Unit = 0.1 minute of arc February 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+30	+40	+29	+15	+ 5	- 2	+ 3	+ 6	0	- 1	- 2	- 3	- 3	- 4	- 4	- 4	- 9	-13	-20	-22	-21	-12	- 5	+ 4	702			
2	+17	+18	+19	+18	+18	+17	+ 9	+ 8	+ 7	+ 7	0	- 2	- 9	-12	-12	-12	- 9	-12	-18	-20	-19	-12	- 4	- 2	702			
3	0	+ 7	+16	+15	+ 6	+ 1	+ 6	+ 6	+ 6	0	- 2	- 3	- 5	-10	-11	- 9	- 9	-11	-13	-13	- 9	+ 3	+14	+15	703			
4	+18	+16	+19	+21	+18	+ 8	+ 8	+ 8	+ 6	+ 6	+ 3	+ 2	- 2	- 2	- 2	- 2	- 2	-11	-22	-32	-32	-22	- 8	+ 3	702			
5	+ 8	+ 9	+ 9	+10	+ 9	+ 7	0	+ 6	+ 2	- 3	- 4	- 4	- 3	- 3	- 3	- 8	-12	-14	-23	-23	-13	+ 6	+17	+27	703			
6	+27	+19	+18	+19	+13	+ 8	+ 9	+10	+ 9	+ 1	- 1	- 2	- 2	- 2	- 3	-10	- 9	-14	-30	-36	-31	-12	+ 3	+14	701			
7	+18	+18	+12	+ 8	+ 5	+ 4	+ 7	+ 7	+ 2	0	- 2	- 2	- 2	- 2	- 2	- 3	- 6	-12	-23	-24	-18	- 7	+ 8	+23	702			
8	+30	+22	+13	+ 7	+ 1	0	+ 3	+ 1	0	- 3	- 2	- 2	- 3	- 3	- 2	- 8	- 9	-16	23	-21	-11	0	+ 4	+12	700			
9	+23	+23	+22	+15	+11	+ 8	+ 8	+ 4	+ 3	+ 2	- 1	- 3	+ 3	+ 2	+ 1	+ 2	+ 2	- 7	-22	-30	-35	-26	- 8	+ 4	697			
10	+12	+15	+15	+11	+ 3	+ 2	+ 3	+ 3	+ 3	0	- 5	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	- 4	-11	-27	-28	-14	+ 2	+14	698			
11	+23	+21	+15	+14	+12	+11	+11	+10	+ 6	+ 2	+ 2	+ 1	+ 2	+ 1	+ 1	+ 1	+ 3	- 3	-15	-27	-36	-29	-18	- 8	698			
12	+ 3	+12	+14	+13	+11	+ 3	+ 4	+ 4	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	- 5	-24	-38	-28	-15	+ 3	+22	697			
13	+31	+30	+23	+14	+10	+10	+ 9	+ 4	+ 2	+ 1	0	0	0	0	0	+ 1	0	- 4	-19	-29	-34	-27	-12	0	699			
14	+12	+15	+13	+ 9	+ 6	+ 6	+12	+13	+ 7	+ 5	+ 4	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	- 1	-15	-34	-44	-29	- 9	+ 7	696			
15	+24	+25	+23	+22	+13	+12	+13	+13	+ 8	- 6	- 7	- 7	- 7	- 6	- 4	+ 2	+ 3	+ 2	-12	-21	-27	-28	-19	- 7	697			
16	+10	+13	+20	+13	+13	+12	+ 8	+ 6	+ 3	+ 4	+ 3	+ 2	+ 2	+ 3	+ 2	+ 2	+ 1	- 7	-16	-28	-36	-28	-15	+ 2	697			
17																												
18	+10	+12	+11	+11	+11	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	+ 2	+ 2	+ 2	+ 1	+ 1	+ 2	0	-13	-26	-28	-19	- 8	+ 4	698			
19	+18	+22	+15	+12	+ 5	+ 4	+ 6	+ 6	+ 5	+ 4	+ 4	+ 3	+ 3	+ 4	+ 4	+ 3	+ 1	- 4	-18	-28	-36	-26	- 8	+12	696			
20	+17	+23	+17	+ 7	+ 1	+ 4	+ 7	+ 7	+ 6	- 2	- 3	- 3	- 4	- 3	- 3	- 3	- 1	- 3	-14	-24	-24	-14	- 3	+ 9	703			
21	+25	+26	+24	+16	+16	+14	+ 9	+ 6	+ 6	+ 5	+ 3	- 1	- 4	- 4	- 4	- 4	- 4	-14	-23	-34	-34	-24	- 5	+16	704			
22	+29	+34	+32	+23	+14	+ 6	+ 6	+ 6	+ 3	+ 2	+ 2	- 4	- 6	- 6	- 6	- 7	- 7	-17	-26	-34	-29	-17	- 4	+13	706			
23	+25	+25	+24	+16	+13	+ 7	+10	+ 7	+ 4	+ 4	- 2	- 4	- 5	- 3	- 5	- 5	- 6	-15	-25	-35	-30	-15	+ 5	+15	705			
24	+21	+17	+12	+ 8	+ 8	+ 8	+14	+ 7	+ 7	0	- 1	- 3	- 3	- 3	- 3	- 3	- 4	-13	-23	-34	-31	-13	+ 7	+17	703			
25	+22	+18	+ 9	+ 7	+ 6	+ 6	+ 7	+ 7	+ 7	+ 4	- 3	- 3	- 3	- 3	- 3	- 3	- 4	-13	-21	-34	-25	-13	+ 6	+17	703			
26	+18	+17	+ 8	0	- 2	+ 2	+ 8	+ 8	+ 8	+ 7	+ 3	- 1	- 2	- 2	- 2	- 9	- 8	-12	-22	-29	-22	- 4	+ 8	+18	702			
27	+21	+19	+ 9	- 2	- 2	- 2	+ 7	+ 7	+ 3	- 1	0	0	- 1	- 2	- 2	- 2	- 2	-10	-22	-34	-23	0	+18	+28	702			
28	+26	+18	+11	+ 5	0	+ 4	+ 5	+ 5	+ 4	+ 4	0	- 1	- 3	- 4	- 5	- 5	- 7	-14	-20	-22	-13	- 4	+ 7	+ 8	704			
29																												
30																												
31																												
MEAN.	+19	+20	+17	+12	+ 8	+ 6	+ 7	+ 7	+ 5	+ 2	0	- 1	- 2	- 2	- 2	- 3	- 3	- 9	-20	-28	-27	-15	- 1	+11	701			

International Seismological Centre

DECLINATION

(D = 10° + Mean + ...East)

Unit = 0.1 minute of arc

G.M.T.

March 1945.

DAY.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range
1		+14	+ 4	-11	-14	-13	- 3	+ 6	+ 7	+ 6	+ 4	+ 4	- 2	- 1	- 2	- 3	- 3	- 3	- 5	-14	-21	-12	+ 7	+21	+26	703			
2		+25	+19	+17	+ 7	+ 6	+ 6	+ 6	+ 7	+ 6	+ 3	- 1	- 2	- 3	- 3	- 3	- 3	- 2	-10	-23	-33	-30	-14	- 3	+16	703			
3		+23	+15	+ 7	+ 3	+ 3	+ 4	+ 6	+ 5	+ 4	- 4	- 6	- 5	- 6	- 5	- 4	- 5	- 4	- 6	-12	-19	-20	- 6	+12	+25	705			
4		+33	+26	+15	+ 5	- 4	- 3	+ 4	+ 5	+ 4	0	- 3	- 3	- 4	- 5	- 5	- 4	- 4	- 4	-11	-23	-24	-15	- 3	+13	705			
5		+ 9	+ 8	+ 2	+ 1	+ 6	+ 8	+ 8	+ 8	+ 8	+ 3	+ 1	+ 1	+ 1	0	- 1	- 1	- 1	- 1	- 2	-19	-21	-16	- 7	+ 1	701			
6		+14	+15	+14	+10	+10	+ 6	+ 6	+ 6	+ 6	+ 5	- 1	- 3	- 4	- 4	- 1	- 3	- 4	- 5	-15	-25	-24	-14	- 3	+13	704			
7		+25	+25	+25	+15	+ 5	- 1	+ 5	+ 5	+ 4	- 3	- 3	- 2	- 2	- 3	- 4	- 3	- 5	- 9	-15	-25	-26	-15	- 4	+ 6	704			
8		+17	+18	+17	+ 9	+ 6	+ 5	+ 7	+ 8	+ 2	0	+ 4	- 1	- 2	- 4	- 4	- 9	- 3	-12	-20	-22	-20	-10	+ 7	+18	702			
9		+26	+26	+18	+12	+ 6	+ 6	+ 6	+ 6	+ 6	+ 5	+ 3	- 1	+ 1	0	+ 2	- 1	- 4	- 6	-17	-29	-33	-25	-14	0	704			
10		+10	+13	+12	+ 4	+ 2	+ 1	+ 3	+ 2	+ 2	0	- 2	- 2	- 2	+ 1	+ 1	+ 1	+ 1	- 6	-17	-27	-25	-10	+ 5	+22	707			
11		+29	+28	+19	+12	+ 8	+ 8	+ 9	+ 8	0	- 2	- 3	-11	-11	-11	-11	-11	- 3	-12	-12	-21	-21	-12	- 1	+10	711			
12		+20	+20	+11	+ 1	0	- 3	0	- 2	- 5	- 6	- 9	- 9	- 9	- 5	0	+ 1	+ 3	0	- 7	-10	-10	- 4	+ 1	+12	709			
13		+24	+14	+ 6	+ 5	+ 3	+ 1	+ 3	+ 4	+ 2	- 2	- 3	- 6	- 5	- 4	- 4	- 5	- 6	-13	-16	-17	-11	+ 3	+14	+24	706			
14		+30	+28	+24	+15	+ 6	+ 3	+ 4	+ 3	+ 3	- 5	- 6	- 6	- 5	- 4	- 3	+ 2	+ 4	- 5	-16	-27	-26	-21	- 6	+ 7	705			
15		+26	+26	+15	+ 5	+ 4	+ 5	+ 5	+ 6	- 1	- 3	- 2	- 2	- 3	- 4	- 4	+ 5	- 2	- 4	- 6	-25	-25	-14	- 4	+ 7	704			
16		+16	+16	+ 8	+ 3	- 3	+ 2	- 1	- 4	- 4	- 3	- 5	- 5	-12	- 1	+ 6	+ 5	+ 3	+ 4	- 5	-14	-17	-10	+ 5	+ 9	704			
17		+20	+20	+11	+ 8	- 1	- 1	+ 2	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 1	0	0	+ 1	-12	-24	-22	-11	- 1	+12	701			
18		+23	+24	+17	+11	+ 4	+ 3	+ 5	+ 5	+ 5	+ 4	0	- 1	- 2	- 3	- 3	- 3	- 3	- 4	- 9	-22	-26	-16	- 5	+ 4	705			
19		+ 7	+ 6	+ 3	- 4	- 2	- 2	+ 4	+ 4	+ 4	- 1	- 3	- 4	- 3	- 4	- 3	- 1	- 3	- 5	-13	-15	- 6	+ 4	+14	+24	705			
20		+24	+16	+14	+11	+ 6	+ 4	+ 4	+ 3	- 3	- 4	- 4	- 5	- 3	- 4	- 3	- 2	- 3	- 4	- 9	-23	-17	- 9	- 4	+ 5	705			
21		+ 6	+11	+ 9	+10	+12	+11	+ 8	+ 5	+ 2	+ 2	- 4	- 2	- 4	- 5	- 4	- 3	- 3	- 9	-18	-18	-18	- 8	+ 2	+11	708			
22		+17	+22	+23	+15	+15	+ 6	+ 5	+ 5	+ 5	- 1	- 4	- 4	- 3	- 4	- 2	- 2	- 1	- 4	-15	-22	-25	-21	- 7	+ 5	705			
23		+ 9	+11	+11	+ 9	+ 2	+ 3	+ 4	+ 1	+ 1	+ 1	0	0	- 1	- 1	- 1	- 1	- 2	- 5	- 7	-18	-19	- 9	+ 5	+11	709			
24		+15	+22	+13	+ 3	- 1	+ 3	+ 6	+ 4	+ 3	- 6	- 7	- 7	- 5	- 3	+ 1	+ 1	+ 1	- 3	- 8	-15	-16	- 6	0	+ 5	707			
25		+ 7	+12	+13	+13	+ 7	+ 6	+ 7	+ 6	+ 3	+ 3	+ 2	- 1	- 6	- 4	- 1	- 3	- 4	- 3	-15	-19	-21	- 9	+ 3	+17	707			
26		+23	+21	+ 7	+ 3	+ 4	+ 5	+ 4	+ 1	- 3	- 9	- 6	- 5	- 7	- 4	- 6	- 9	- 8	- 8	-15	-16	-15	- 3	+11	+24	709			
27		+28	+28	+18	+ 9	+ 8	+ 8	+ 8	+ 5	0	- 2	- 4	-11	- 2	- 4	- 6	- 3	- 3	- 9	-16	-24	-30	-16	- 2	+ 9	712			
28		+21	+21	+11	+11	+11	+11	+12	+11	0	- 6	- 6	- 8	- 9	- 6	- 8	- 8	- 9	-11	-20	-28	-19	- 8	+12	+29	709			
29		+37	+34	+23	+ 7	- 1	+ 5	+11	0	- 3	- 5	-11	- 8	- 3	+ 1	- 1	+ 5	0	- 3	-15	-25	-29	-22	- 6	+ 8	703			
30		+15	+17	+14	+13	+12	+ 6	+11	+ 6	+ 4	+ 4	+ 3	+ 2	0	- 2	+ 2	+ 3	+ 2	+ 1	-13	-34	-42	-29	- 9	+ 5	706			
31		+14	+15	+14	+ 6	+ 4	+ 4	+ 7	+ 4	+ 4	+ 3	+ 2	+ 1	+ 2	+ 1	+ 1	+ 2	+ 4	+ 1	-14	-25	-26	-19	- 8	+ 7	706			
MEAN.		+20	+19	+13	+ 7	+ 4	+ 4	+ 6	+ 4	+ 2	- 1	- 2	- 4	- 4	- 3	- 2	- 2	- 2	- 5	-13	-22	-22	-12	+ 1	+12	706			

International Seismological Centre

DECLINATION

(D = 10° + Mean + ...East)

G.M.T. Unit = 0.1 minute of arc April 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+25	+29	+27	+17	+ 8	+17	+17	+ 6	-12	-23	-13	-16	-13	- 8	- 3	+ 3	+ 7	0	-17	-21	-20	-10	- 1	+ 7	703			
2	+ 2	+12	+12	+ 5	+ 3	+ 3	+ 4	+ 2	+ 2	+ 1	+ 1	- 6	- 7	- 8	- 7	- 8	- 8	- 8	-15	-12	- 8	+ 2	+14	+20	708			
3	+15	+14	+ 8	+ 2	- 5	- 1	+ 5	+ 4	+ 3	+ 2	+ 2	+ 1	0	0	+ 2	+ 3	+ 2	- 2	- 5	-16	-16	-14	- 7	- 1	705			
4	+ 2	+ 6	+11	+ 9	+ 8	+ 8	+ 3	+ 2	+ 1	+ 1	+ 1	- 4	- 4	- 7	- 6	0	0	+ 1	- 1	- 9	- 9	-10	- 8	+ 2	708			
5	+10	+14	+16	+16	+10	+11	+15	+ 9	+ 6	+ 6	+ 5	+ 4	+ 5	+ 5	+ 2	- 3	- 4	- 5	- 7	-16	-25	-30	-24	-12	704			
6	+ 2	+14	+23	+22	+15	+13	+ 7	+ 3	- 7	- 7	- 5	- 6	+ 2	+ 3	+ 2	+ 2	+ 3	+ 4	- 6	-17	-24	-19	- 8	- 5	707			
7	- 2	+ 3	+12	+12	+11	+ 3	- 1	+ 1	+ 1	0	0	- 3	+ 1	+ 1	+ 2	+ 1	+ 2	+ 2	- 5	-17	-19	-19	- 8	+11	708			
8	+20	+21	+24	+23	+16	+10	+ 9	+ 3	+ 1	- 6	- 5	- 7	- 3	0	+ 3	+ 4	+ 6	0	-10	-27	-29	-28	-19	- 7	709			
9	+ 9	+21	+28	+22	+12	+ 9	+ 9	+ 7	+ 2	0	- 1	- 1	- 1	- 1	- 1	0	- 1	0	-11	-21	-21	-21	-20	-11	711			
10	- 3	+ 2	+10	+13	+11	+ 9	+ 9	+ 2	0	- 1	- 1	- 3	- 7	- 2	- 1	0	- 1	0	0	-10	-10	-10	- 8	- 1	710			
11	+ 4	+ 4	+ 4	+ 6	+ 7	+13	+13	+ 5	+ 4	- 5	- 3	- 6	-11	- 6	+ 4	+13	+ 5	+ 4	- 5	-17	-17	-14	- 7	0	706			
12	+ 4	- 5	+ 3	+ 5	+ 2	+ 6	+ 5	+ 5	+ 4	+ 3	+ 1	+ 4	+ 4	+ 4	+ 4	+ 5	+ 7	+ 6	+ 4	-13	-23	-16	-14	- 6	705			
13	- 4	- 3	+ 6	+11	+ 6	+ 5	+ 5	- 2	- 4	- 4	- 3	- 5	- 1	+ 1	+ 4	+ 5	+ 6	+ 7	+ 5	- 4	-12	-14	- 5	- 3	704			
14	+ 5	+ 8	+ 6	+ 6	+ 6	+ 6	+ 5	+ 4	+ 1	- 4	- 4	- 3	+ 2	+ 4	+ 5	+ 6	+ 6	+ 9	+ 7	- 5	-15	-24	-24	-14	704			
15	+ 4	+15	+15	+ 8	+ 6	+ 4	- 4	- 4	- 5	- 4	- 3	- 3	- 4	- 2	+ 5	+ 6	+ 7	+ 6	+ 5	-13	-15	-15	-13	- 7	704			
16	- 7	+ 3	+12	+14	+12	+ 4	+ 3	+ 1	0	+ 1	+ 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 4	+ 3	+ 3	- 7	-18	-20	-17	- 6	707			
17	+ 4	+14	+15	+ 7	+ 3	+ 1	+ 3	+ 2	+ 2	+ 1	+ 1	+ 1	+ 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 1	- 8	-18	-18	-15	- 7	708			
18	+10	+20	+21	+21	+12	+10	+ 2	+ 1	+ 1	0	0	0	0	0	0	+ 1	+ 1	+ 1	- 6	-19	-29	-24	-14	- 2	709			
19	+10	+15	+15	+10	+ 9	+ 2	+ 1	0	0	- 3	- 1	- 1	0	+ 1	+ 1	0	0	0	- 5	-20	-21	-20	-10	+10	710			
20	+27	+18	+21	+20	+18	+ 8	+ 8	- 1	- 2	- 2	- 3	- 2	- 3	- 2	- 2	- 1	- 2	- 2	-11	-20	-21	-22	-13	- 5	712			
21	+ 1	+ 2	+ 5	+10	+10	+ 6	+ 3	+ 1	+ 1	0	0	0	0	0	+ 1	+ 1	+ 2	+ 1	+ 2	0	- 8	- 9	- 9	- 8	709			
22	+ 3	+13	+22	+15	+ 8	+ 3	+ 3	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 3	+ 3	+ 3	+ 4	+ 3	-15	-24	-27	-24	- 8	707			
23	+ 1	+ 4	+12	+12	+12	+ 8	+ 3	+ 2	+ 1	+ 1	- 3	- 7	- 7	0	+ 2	+ 3	+11	+ 2	+ 7	- 6	-16	-18	-17	-16	708			
24	- 2	+ 7	+16	+16	+ 8	+ 6	+ 6	- 4	0	- 3	- 1	- 1	- 2	+ 5	+ 5	+ 6	+ 6	+ 7	+ 4	- 9	-18	-25	-24	-14	704			
25	- 4	+ 6	+15	+14	+ 7	+ 4	+ 5	+ 4	+ 3	+ 3	- 1	- 2	- 3	- 4	0	+ 3	+ 3	+ 3	+ 5	- 6	-16	-17	-16	- 7	706			
26	+ 1	+11	+21	+20	+11	+ 5	+ 1	+ 1	+ 1	0	0	0	- 5	- 7	- 4	0	0	0	0	-10	-19	-19	-13	0	709			
27	+11	+18	+20	+14	+11	+ 5	+ 3	+ 1	+ 1	0	0	0	0	0	- 1	+ 1	+ 1	+ 1	+ 1	-12	-27	-29	-19	-10	709			
28	+ 2	+13	+20	+12	+ 7	+ 7	+ 5	+ 4	+ 2	+ 2	+ 2	+ 2	+ 1	+ 1	+ 1	+ 2	+ 2	+ 4	+ 1	-13	-27	-28	-18	- 6	708			
29	+ 2	+10	+15	+18	+ 8	+ 6	+ 2	0	- 2	- 2	- 2	- 3	- 5	- 3	- 3	- 2	+ 1	+ 7	0	-11	-13	-13	-12	- 7	712			
30	0	+ 8	+ 9	+ 9	+ 8	+ 8	+ 8	+ 2	0	- 1	- 4	- 3	- 2	- 2	- 1	- 1	- 1	+ 4	+ 4	- 9	-16	-18	-12	- 2	711			
31																												
MEAN.	+ 5	+11	+15	+13	+ 9	+ 7	+ 5	+ 2	0	- 1	- 1	- 2	- 2	- 1	+ 1	+ 2	+ 2	+ 2	- 2	-13	-18	-18	-13	- 4	708			

International Seismological Centre

DECLINATION

(D = 10° + Mean + ... East)

Unit = 0.1 minute of arc

G.M.T.

May 1945.

DAY.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1																													
2		0	+10	+19	+11	+10	+ 9	+ 6	+ 1	- 1	- 2	- 2	- 2	- 3	- 1	- 1	0	- 1	- 1	+ 2	+ 8	+17	+18	- 9	+ 7	711			
3		+18	+27	+20	+19	+11	+ 8	+ 6	+ 1	- 1	- 4	- 3	- 3	- 2	- 2	- 2	- 1	- 2	+ 3	- 3	-14	-23	-22	-13	-12	712			
4		- 1	+ 8	+17	+18	+17	+ 7	+ 1	0	- 3	- 3	- 3	- 2	- 2	- 2	- 2	- 2	+ 1	+ 2	+ 1	- 7	-16	-17	-12	- 2	712			
5		+ 6	+10	+14	+13	+ 9	+ 3	+ 2	0	- 1	- 1	- 1	- 6	- 7	- 6	- 1	+ 2	0	0	0	- 2	- 9	-10	- 8	- 1	710			
6		+ 9	+20	+23	+22	+13	+ 5	+ 1	+ 1	0	0	- 2	- 7	- 7	- 9	- 8	- 8	- 7	- 7	- 4	- 1	- 9	-10	- 8	0	709			
7		+ 6	+11	+14	+14	+10	+ 3	+ 2	+ 1	0	0	- 1	- 1	- 1	0	+ 1	+ 2	+ 3	+ 2	+ 2	- 5	-16	-19	-10	- 9	709			
8		- 3	+ 2	+ 8	+ 7	+ 8	+ 4	+ 2	+ 1	- 6	- 3	+ 1	+ 1	+ 1	+ 2	+ 6	+10	+10	+ 6	+ 5	- 6	- 9	-18	-13	- 9	708			
9		- 5	+ 6	+12	+10	+ 8	+ 1	0	- 1	- 1	- 2	- 2	- 1	- 1	- 2	+ 1	+ 2	+ 8	+ 8	+ 9	- 1	-12	-21	-14	-11	711			
10		- 9	- 1	+ 2	+ 3	0	- 1	- 1	- 7	- 7	- 7	- 6	- 5	- 1	0	+ 3	+ 8	+ 9	+10	+13	+ 3	0	- 1	0	- 1	710			
11		+ 2	+ 2	+ 4	+ 6	+ 6	0	- 1	+ 3	- 3	- 6	- 6	- 7	- 7	- 1	+ 3	+ 9	+13	+14	+13	0	-12	-13	-14	- 9	706			
12		- 8	- 6	+ 5	+ 6	+ 7	+ 2	+ 2	- 5	- 7	- 7	- 4	0	+ 2	+ 3	+ 4	+ 8	+ 5	+11	+13	+ 4	+ 2	- 8	-16	- 7	707			
13		-15	- 8	+ 5	+11	+11	+ 4	+ 2	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 2	+ 2	+ 2	+ 5	+11	+ 5	+ 1	- 9	-16	-15	708			
14		-12	- 6	- 2	+ 6	+ 5	+ 5	+ 5	+ 1	+ 1	0	+ 1	- 1	+ 4	+ 5	+ 5	+ 6	+ 8	+ 6	+ 8	- 2	- 5	-14	-14	-14	704			
15		-11	+ 1	+11	+13	+11	+ 2	+ 2	+ 1	+ 1	0	+ 1	0	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 4	0	- 8	- 9	-15	-12	708			
16		- 9	0	+ 7	+10	+ 8	0	+ 2	+ 1	0	0	0	0	0	+ 2	+ 2	+ 2	+ 2	+ 3	+ 7	- 1	- 8	- 9	-10	- 8	710			
17		- 6	- 1	+ 1	+ 8	+ 9	- 1	- 1	- 2	- 2	- 2	- 1	- 1	- 1	+ 1	+ 7	+ 8	+ 1	+ 1	+ 9	+ 3	- 2	- 9	- 9	-10	711			
18		- 3	+ 6	+ 7	+ 6	- 2	- 3	- 3	- 3	- 4	- 4	- 4	- 4	- 3	- 3	+ 6	+ 6	+ 8	+ 6	+ 7	- 1	- 4	-10	- 6	- 4	713			
19		- 2	+ 6	+12	+14	+12	+ 6	+ 5	- 1	- 3	- 4	- 4	- 5	- 5	- 5	- 5	- 2	- 1	+ 5	+ 8	+ 6	0	-12	-16	-20	714			
20		-12	- 6	+ 4	+11	+11	+ 6	+ 6	+ 5	+ 2	0	0	0	0	0	+ 2	+ 2	+ 9	+ 9	+10	+ 1	- 8	-15	-17	-12	710			
21		- 5	+ 4	+11	+18	+11	+ 5	+ 7	+ 4	- 1	- 1	- 1	- 1	0	+ 2	+ 1	+ 8	+ 8	+ 7	+ 8	- 2	-14	-19	-23	-21	711			
22		-12	+ 8	+18	+18	+ 8	0	0	- 1	- 2	- 1	- 2	- 2	- 1	0	0	+ 3	+ 1	+ 3	+ 4	- 3	-12	-13	-10	0	712			
23		+ 8	+12	+11	+ 7	0	+ 3	- 3	- 4	- 3	- 3	- 3	- 3	- 2	- 1	+ 2	+ 5	+ 5	+ 6	+ 6	- 2	- 3	-12	-14	-14	712			
24		- 7	- 2	+ 6	+ 9	+ 3	0	- 1	- 2	- 3	- 3	- 3	- 2	- 2	- 2	+ 1	+ 8	+ 8	+ 7	+ 8	+ 8	- 2	-11	-12	-12	712			
25		- 2	+ 5	+10	+10	+ 8	+ 7	+ 4	- 2	- 2	- 2	- 3	- 3	- 2	- 2	+ 1	0	+ 6	+ 7	+ 9	+ 7	- 2	-13	-22	-24	712			
26		-20	-13	- 1	+ 5	+ 5	0	0	0	- 1	- 1	0	0	0	0	+ 2	+ 9	+10	+10	+12	+ 9	0	- 5	-14	-15	710			
27		-13	- 4	+ 7	+13	+ 5	0	- 3	- 3	- 3	- 2	- 2	- 2	- 1	- 1	+ 6	+ 6	+ 7	+ 8	+ 9	0	- 3	- 6	-13	-14	713			
28		+ 5	+ 9	+15	+11	+ 5	+ 4	+ 4	+ 1	- 2	- 2	- 4	- 4	- 4	- 5	- 4	- 4	- 3	0	+ 6	+ 4	- 5	-13	-13	-12	714			
29		- 2	+ 8	+ 7	+ 7	+ 6	+ 6	0	- 1	- 2	- 3	- 3	- 4	- 3	- 3	- 1	- 1	0	- 1	+ 6	- 1	- 3	- 4	- 8	- 4	713			
30		- 1	+ 7	+13	+ 9	+ 3	- 1	- 1	0	- 5	- 6	- 6	- 7	- 7	- 7	- 6	- 5	- 3	+ 3	+ 4	+ 4	+ 3	+ 3	- 1	- 4	716			
31		- 3	- 2	- 2	+ 7	+ 6	0	0	- 1	- 4	- 2	- 2	- 2	- 2	- 2	+ 2	+ 5	+ 7	+ 4	+ 8	+ 8	- 2	- 3	-10	-17	712			
MEAN.		- 4	+ 4	+ 9	+11	+ 7	+ 3	+ 2	0	- 2	- 2	- 2	- 2	- 2	- 1	+ 1	+ 3	+ 4	+ 5	+ 7	0	- 7	-11	-12	-10	711			

International Seismological Centre

DECLINATION

(D = 10° + Mean +...East)

G.M.T. Unit = 0.1 minute of arc

June 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	-14	- 2	+ 8	+10	+ 8	+ 3	+ 2	+ 1	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 5	+ 5	+ 6	+ 9	+ 7	- 1	-11	-16	-10	711			
2	- 2	+ 6	+ 9	+ 6	+ 1	- 3	- 2	0	- 3	- 2	- 2	- 2	- 2	- 1	- 1	+ 5	+ 5	+ 5	+ 6	- 4	- 5	-11	- 6	- 2	714			
3	+ 5	+ 8	+16	+16	+ 9	+ 6	+ 1	- 2	- 4	- 4	- 4	- 4	- 4	- 3	+ 5	+ 5	+ 5	+ 5	+ 6	- 2	-13	-15	-22	-15	714			
4	- 8	0	+ 9	+12	+10	0	0	0	0	0	0	0	0	0	+ 2	+ 5	+ 8	+ 9	+10	+ 3	- 8	-11	-15	-18	710			
5	-10	- 1	+ 4	+ 8	0	+ 1	+ 1	- 1	- 1	- 1	- 2	- 1	- 1	- 1	0	+ 2	+ 4	+ 8	+10	+11	+ 6	- 3	-12	-12	711			
6	-10	+ 7	+13	+10	+ 6	- 3	- 2	- 2	- 9	- 9	-13	-11	- 3	- 2	+ 1	+ 8	+10	+17	+18	+10	+ 2	- 7	-12	-12	712			
7	- 4	+ 5	+10	+ 6	+ 4	- 4	- 5	-10	- 4	- 5	- 5	- 4	- 2	- 2	+ 1	+ 5	+ 6	+ 6	+10	+ 6	+ 5	- 4	- 6	-10	714			
8	- 9	- 7	+ 1	+ 1	+ 1	- 5	- 1	- 6	+ 1	0	0	+ 1	+ 1	+ 2	+10	+11	+12	+10	+11	+ 3	0	- 9	- 9	-10	709			
9	- 5	+ 3	+ 9	+10	+ 6	+ 2	+ 1	- 7	0	- 1	- 4	- 6	+ 1	+ 1	+ 2	+ 5	+ 5	+ 6	+11	+ 9	0	- 9	-16	-14	709			
10	-12	0	+10	+ 7	0	- 3	- 3	- 2	- 2	- 3	- 3	- 3	- 3	- 2	+ 3	+ 7	+ 8	+ 8	+ 8	+ 8	- 2	- 7	-11	- 3	712			
11	- 2	0	+ 8	+10	+ 8	- 1	- 3	- 3	- 3	- 4	- 2	- 3	- 3	- 2	0	+ 4	+ 7	+ 7	+ 9	+ 8	- 1	- 9	-13	-13	712			
12	- 2	+ 8	+14	+ 9	+ 1	- 1	- 1	- 1	- 1	- 2	- 2	- 2	- 2	- 1	0	+ 1	+ 5	+ 7	+ 9	+ 8	- 3	-18	-21	-15	711			
13	- 9	+ 1	+13	+17	+ 8	0	+ 1	- 1	- 1	- 2	- 2	- 2	- 3	- 5	- 2	0	+ 2	+ 1	+ 8	+ 7	0	- 3	-10	- 9	711			
14	- 4	+ 7	+13	+15	+ 8	+ 2	- 1	- 2	- 3	- 3	- 3	- 3	- 3	- 3	- 2	- 1	0	0	+ 8	+ 7	0	- 7	-13	-13	712			
15	- 4	+ 7	+16	+10	+ 7	- 2	- 1	- 2	- 3	- 3	- 3	- 3	- 3	- 1	- 1	+ 3	+ 7	+ 7	+ 7	+ 3	- 3	-12	-14	-13	712			
16	-12	- 2	+10	+11	+ 7	+ 1	0	- 1	- 2	- 3	- 2	- 2	- 1	+ 1	+ 6	+ 7	+ 7	+ 7	+10	+ 7	- 3	-13	-20	-13	712			
17	- 8	- 1	+ 2	+ 9	+ 1	0	0	0	- 1	- 1	- 1	- 2	- 1	- 1	0	0	+ 9	+ 4	+ 8	+10	0	- 1	- 6	-10	710			
18	-13	+ 2	+12	+16	+ 7	+ 6	+ 2	- 2	- 3	- 3	- 3	- 4	- 3	- 3	- 3	+ 2	+ 6	+ 6	+ 7	+ 6	- 3	-13	-13	-13	713			
19	-12	0	+12	+10	+ 1	+ 1	+ 3	+ 3	- 2	- 2	- 2	- 2	- 3	- 3	- 2	- 2	+ 1	+ 1	+ 7	+ 8	0	- 8	-11	- 2	712			
20	+ 9	+18	+20	+13	+ 5	+ 3	+ 3	- 4	- 5	- 4	- 5	- 7	- 7	- 6	- 5	- 1	- 1	- 4	+ 4	+ 3	- 6	-12	-15	- 7	716			
21	+ 1	+12	+18	+12	+ 4	+ 2	+ 1	+ 1	- 5	- 5	- 6	- 7	- 7	- 7	- 4	- 3	0	0	+ 2	+ 3	+ 1	- 7	- 8	- 9	718			
22	- 1	+11	+20	+10	+ 1	- 1	- 1	- 1	- 2	- 2	- 2	- 2	- 1	- 1	- 1	0	0	0	+ 3	- 1	- 5	- 8	- 8	- 2	720			
23	+ 4	+11	+13	+12	+ 9	+ 2	+ 1	- 3	+ 1	- 6	- 6	- 8	- 8	- 8	- 8	0	+ 1	+ 2	+ 7	+ 4	- 5	- 8	- 9	- 9	718			
24	- 5	+ 3	+14	+17	+11	+ 2	+ 1	+ 1	- 2	- 5	- 4	- 6	- 4	- 4	+ 1	+ 1	+ 2	+ 2	+ 7	+ 2	+ 2	- 5	-16	-18	718			
25	- 6	+ 4	+12	+13	+ 6	+ 2	+ 1	- 1	- 4	- 4	- 4	- 3	- 3	+ 1	+ 3	+ 4	+ 7	+ 6	+13	+ 4	- 6	-14	-18	-15	716			
26	- 4	+ 5	+12	+12	+12	+ 3	+ 1	- 2	- 3	- 5	- 4	- 3	- 4	- 4	+ 1	+ 3	+ 3	+ 4	+12	+ 8	+ 2	- 7	-13	-17	717			
27	- 7	+ 5	+14	+ 4	+13	+ 7	+ 5	+ 1	- 2	- 7	- 8	-12	-12	- 8	- 3	+ 3	+ 3	+ 3	+ 7	+11	+ 5	+ 2	- 7	-15	717			
28	- 7	+ 2	+12	+15	+11	+ 5	+ 3	0	- 5	- 5	- 5	- 3	- 3	- 1	+ 3	+ 4	+ 5	+ 5	+ 7	+ 4	- 3	-11	-15	-15	715			
29	-17	- 2	+10	+13	+ 6	+ 1	+ 1	- 2	- 4	- 5	- 6	- 6	- 6	- 6	- 4	+ 2	+ 3	+ 3	+ 3	+ 2	- 3	+ 3	+ 3	+ 4	717			
30	+ 5	+ 4	+ 6	+ 4	+ 4	+ 5	+ 4	+ 3	- 5	- 6	- 5	- 6	- 6	- 4	- 4	- 4	+ 1	+ 2	+ 4	+ 5	- 1	- 6	- 4	- 6	716			
31																												
MEAN.	- 5	+ 4	+11	+11	+ 6	+ 1	0	- 2	- 3	- 3	- 4	- 4	- 3	- 3	0	+ 3	+ 5	+ 5	+ 8	+ 5	- 2	- 8	-12	-11	714			

International Seismological Centre

DECLINATION

(D = 10° + Mean +....East)

Unit = 0.1 minute of arc.

G.M.T.

July 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	- 8	- 6	- 3	- 1	+ 5	+ 5	+ 7	- 3	- 2	- 3	- 9	-12	-13	- 5	+ 5	+ 6	+ 8	+16	+16	+11	+ 7	- 2	- 8	- 6	713			
2	- 6	- 5	- 4	+ 4	+ 2	+ 2	- 4	- 5	- 5	- 5	- 5	- 2	0	- 1	+ 4	+ 5	+ 7	+ 5	+ 5	+ 3	- 3	- 4	- 1	+ 4	715			
3	+ 4	+ 5	+14	+12	+ 4	- 3	- 3	- 3	- 5	- 6	- 6	- 4	- 3	- 3	+ 3	+ 4	+ 4	+ 4	+ 4	+ 3	- 5	- 7	- 8	- 7	716			
4	- 6	+ 4	+11	+12	+ 4	- 2	- 1	- 6	- 4	- 6	- 7	- 7	- 6	- 6	+ 2	+ 6	+13	+ 9	+ 8	+ 4	+ 2	- 6	- 6	- 3	716			
5	+ 2	+ 5	+ 5	- 2	- 5	- 6	- 3	- 2	- 5	- 8	- 5	- 5	- 3	- 1	+ 2	+ 4	+ 5	+ 5	+ 7	+10	+ 5	0	+ 5	- 3	715			
6																												
7	- 7	+ 4	+ 9	+ 6	+ 3	+ 3	+ 3	+ 2	- 3	- 3	- 5	- 5	- 5	- 1	+ 2	+ 3	+ 3	+ 3	+ 8	+ 3	0	- 7	- 9	-17	717			
8	- 8	+ 1	+10	+ 9	+ 4	+ 4	- 1	- 4	- 1	- 5	- 5	- 1	- 1	+ 3	+ 4	+ 5	+ 6	+ 7	+ 8	+12	+ 4	- 3	-16	-26	716			
9	-25	-15	- 1	+ 6	+ 5	+ 5	+ 5	+ 5	+ 4	- 2	0	0	+ 3	+ 4	+ 3	+ 5	+ 5	+ 5	+ 6	+ 7	+ 5	- 5	-13	-15	715			
10	-10	+ 1	+ 3	+11	+11	+ 3	+ 1	+ 1	+ 1	+ 1	0	+ 1	+ 1	+ 1	+ 1	+ 3	+ 5	+10	+12	+12	+ 1	-11	-21	-29	719			
11	-20	- 8	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	0	+ 1	+ 2	+ 2	+ 3	+ 4	+ 5	+ 8	+ 9	+13	+ 4	- 7	-16	-16	-16	716			
12	- 9	+ 1	+10	+10	+ 6	+ 1	+ 1	0	- 2	- 1	- 4	- 2	- 3	- 1	- 1	+ 1	+ 1	+ 2	+ 9	+ 3	0	- 7	- 9	-18	719			
13	-10	+ 3	+10	+ 9	+ 2	0	0	0	0	0	- 2	- 2	- 1	0	0	+ 3	+ 5	+ 5	+ 9	0	- 2	- 8	- 3	- 7	720			
14	- 9	+ 4	+10	+ 8	+ 1	0	0	- 2	- 4	- 2	- 3	- 5	- 7	- 5	- 2	0	0	0	+ 2	+ 3	0	0	0	+ 9	720			
15	+11	+19	+12	+11	+ 1	0	0	- 3	- 1	- 1	- 1	- 1	0	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	(+ 2	+ 1)	- 9	-14	-18	- 9	719		
16	- 1	+ 6	+12	+11	+ 1	+ 1	+ 1	+ 1	- 4	- 3	- 4	- 4	- 7	- 7	- 1	+ 1	+ 3	+ 3	+ 9	+ 8	- 1	- 9	-10	- 9	719			
17	- 9	0	+ 6	+ 9	+ 2	+ 1	+ 1	+ 1	- 1	- 4	- 4	- 1	- 1	+ 1	+ 1	+ 1	+ 3	+ 3	+ 6	+ 1	- 1	- 9	- 4	+ 1	719			
18	+ 2	+ 7	+12	+12	+ 6	+ 2	+ 2	+ 2	0	- 1	- 6	- 6	- 7	- 6	- 5	0	+ 1	+ 1	+ 3	0	- 7	- 8	- 7	- 8	718			
19	0	+ 4	+12	+11	+ 4	+ 1	0	- 3	- 5	- 6	- 6	- 5	- 5	+ 1	+ 3	+ 4	+ 4	+ 4	+ 5	+10	- 6	- 8	-13	-16	718			
20	- 5	+11	+17	+13	+ 4	+ 2	+ 1	- 2	- 3	- 1	+ 1	+ 2	+ 1	+ 2	+ 3	+ 3	+ 4	+ 8	+11	+ 3	-13	-17	-17	-17	717			
21	-11	+ 1	+ 9	+ 9	+ 2	+ 1	+ 1	0	- 4	- 4	- 4	- 4	- 4	- 5	- 3	+ 1	+ 1	+ 2	+11	+12	+ 9	+ 1	- 2	- 8	719			
22	-12	- 2	+ 8	+ 8	+ 7	- 9	0	- 2	- 2	- 2	- 2	- 2	- 2	- 2	- 1	+ 6	+ 6	+ 6	+ 8	+ 6	- 3	- 9	-10	- 5	722			
23	- 5	- 1	+ 3	+ 3	+ 3	- 3	- 4	- 4	- 5	- 5	- 5	- 5	- 4	- 3	- 2	+ 4	+ 5	+ 8	+15	+15	+ 5	+ 5	0	-15	725			
24	-17	- 9	+ 1	+ 8	+ 8	+ 7	+ 7	+ 4	0	- 1	0	- 1	- 3	- 1	- 1	+ 1	+ 3	+ 4	+ 9	+ 9	- 1	- 2	-11	-19	721			
25	-18	-10	0	+ 3	+ 4	+ 2	+ 2	+ 2	0	- 2	0	+ 1	+ 2	+ 2	+ 2	+ 3	+ 3	+ 6	+10	+11	+ 4	- 4	-11	-16	718			
26	- 7	+ 8	+12	+11	+ 5	+ 1	+ 1	+ 1	0	- 1	- 3	- 1	+ 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 1	0	- 9	-10	- 9	- 7	719			
27	- 4	+ 4	+11	+13	+11	+ 6	+ 3	+ 1	+ 1	+ 1	0	+ 1	0	0	+ 1	+ 1	+ 1	+ 3	+ 4	+ 1	- 9	-15	-14	-14	719			
28	-11	- 5	+ 8	+11	+10	+ 3	+ 1	+ 1	- 3	- 7	- 1	0	0	+ 2	+ 9	+ 9	+ 7	+ 8	+ 9	+ 6	0	-10	-20	-20	720			
29	- 5	+ 9	+19	+17	+ 9	+ 7	+ 1	0	- 1	- 1	- 3	- 3	- 3	- 3	- 2	- 1	0	+ 1	+ 7	+ 7	- 1	-12	-21	-23	721			
30	-19	- 7	+ 3	+ 5	+ 1	+ 1	+ 1	- 1	- 1	- 1	- 1	0	+ 1	+ 1	+ 5	+ 9	+ 9	+11	+11	+ 3	- 9	-11	- 9	+ 1	719			
31	- 1	0	+ 1	+ 7	+ 3	+ 1	0	0	0	0	0	- 1	0	0	+ 1	+ 2	+ 2	+ 2	+ 5	+ 5	- 1	-10	-12	-12	720			
MEAN.	- 7	+ 1	+ 7	+ 8	+ 4	+ 1	+ 1	- 1	- 2	- 3	- 3	- 2	- 2	- 1	+ 1	+ 3	+ 4	+ 5	+ 8	+ 6	- 2	- 7	-10	-11	718			

International Seismological Centre

DECLINATION

(D = 10° + Mean +....East)

G.M.T. Unit = 0.1 minute of arc. August 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	- 8	0	+10	+10	+ 9	0	- 1	0	- 1	- 2	- 1	- 3	- 2	- 1	0	+ 1	+ 4	+ 8	+10	+ 9	0	-10	-18	-13	715			
2	- 3	- 1	- 1	+ 7	0	+ 1	- 1	- 2	+ 2	- 3	- 3	- 4	- 3	- 2	- 1	+ 1	+ 3	+ 7	+ 8	+ 8	+ 1	- 2	- 8	-12	717			
3	- 5	+ 1	+ 7	+ 8	+ 7	+ 2	0	- 1	- 3	- 3	- 3	- 3	- 3	- 3	0	+ 2	+ 6	+ 6	+ 9	+ 7	- 4	-13	-12	- 6	718			
4	0	+12	+17	+15	+ 7	0	- 1	- 2	- 3	- 3	- 4	- 3	- 3	- 2	+ 1	+ 5	+ 5	+ 5	+ 6	0	- 7	-13	-15	-17	718			
5	-11	- 1	+ 9	+ 9	+ 7	- 1	- 1	- 1	- 1	- 3	- 3	- 2	- 1	0	+ 4	+ 5	+ 9	+ 9	+11	+ 6	- 2	-10	-18	-21	716			
6	-16	- 7	+ 5	+ 7	+ 7	+ 1	- 1	- 3	- 3	- 3	- 2	- 2	- 2	+ 2	+ 7	+ 7	+ 7	+ 7	+13	+ 7	- 1	- 9	-14	-15	718			
7	- 9	+ 5	+12	+12	+ 7	+ 1	0	+ 1	- 4	- 6	- 7	- 5	- 2	0	+ 1	+ 3	+ 3	+ 5	+12	+ 3	- 5	-14	-15	- 7	722			
8	- 1	+11	+21	+14	+ 7	+ 1	0	- 1	- 3	- 5	- 4	- 3	- 4	- 1	+ 1	+ 1	+ 4	+ 9	+ 9	+ 1	- 9	-15	-17	-17	724			
9																												
10	- 5	+ 7	+ 8	+ 5	+ 5	+ 4	0	- 2	- 3	- 3	- 2	- 3	- 2	- 1	+ 2	+ 4	+ 4	+ 5	+ 7	+ 3	- 5	-13	-13	- 6	720			
11	+ 1	+ 7	+ 8	+ 8	+ 6	+ 1	+ 1	+ 2	0	- 2	0	0	0	+ 1	+ 2	+ 2	+ 5	+ 6	+ 8	- 2	(-12	-12	-12	-12	717			
12	- 5	+ 7	+13	+13	+ 5	+ 3	0	- 2	- 3	- 3	- 4	- 5	- 5	- 4	- 1	- 2	0	+ 3	+ 5	0	- 5	- 9	- 6	- 3	720			
13	+ 3	+ 9	+18	+18	+10	+ 5	+ 2	0	- 2	- 5	- 5	- 8	- 8	- 7	- 7	- 4	0	- 1	- 1	- 5	- 7	- 5	- 4	0	720			
14	+ 4	+14	+24	+24	+15	+ 6	+ 4	+ 4	+ 3	0	- 1	- 4	- 6	- 6	- 6	- 6	- 1	+ 3	+ 7	- 5	-16	-22	-18	-11	721			
15	- 8	+ 3	+12	+12	+ 7	+ 2	+ 2	0	- 3	- 5	- 8	- 4	- 5	- 2	- 3	0	+ 2	+ 6	+10	+ 2	- 6	-10	- 8	- 1	723			
16	+ 6	+ 6	+ 6	+ 5	+ 4	- 1	- 5	- 4	- 4	- 2	+ 1	- 1	- 1	- 1	- 2	+ 2	+ 2	+ 2	+ 5	+ 4	- 4	- 6	- 7	- 6	721			
17	- 3	+ 7	+14	+15	+11	+ 7	+ 6	+ 2	0	+ 1	- 3	- 1	- 1	+ 1	+ 5	+ 6	+ 7	+ 7	+ 7	- 3	-14	-24	-23	-18	718			
18	-11	+ 9	+20	+16	+ 9	+ 5	+ 4	+ 4	+ 1	- 1	+ 1	+ 1	+ 1	+ 1	+ 3	+ 5	+ 5	+ 6	+ 8	- 3	-14	-23	-22	-14	719			
19	- 6	+13	+19	+16	+ 8	+ 2	- 2	- 2	- 4	- 5	- 4	- 3	- 2	+ 2	+ 2	+ 2	+ 3	+ 4	+ 4	+ 6	- 4	-10	-14	- 8	-10	721			
20	- 3	- 2	+ 7	+11	+ 7	0	- 2	0	+ 1	- 1	0	+ 1	+ 1	0	+ 5	+ 6	+ 7	+ 3	+ 7	- 9	-13	-16	-11	- 5	718			
21	- 4	- 3	+11	+15	+ 6	- 3	- 1	- 2	- 3	- 3	- 3	- 2	+ 2	+ 5	+ 7	+ 8	+ 9	+14	+ 8	+ 7	-13	-22	-23	-19	718			
22	-14	+ 1	+14	+17	+11	+ 3	+ 4	+ 1	- 3	- 3	- 2	- 2	- 1	+ 1	+ 4	+ 6	+ 6	+11	+16	+ 6	- 6	-20	-27	-29	719			
23	-14	+ 9	+13	+16	+ 9	+ 6	+ 5	+ 1	- 2	- 4	-11	- 9	- 6	- 4	- 3	+ 1	+ 5	+ 6	+13	+ 7	+ 6	- 4	-16	-25	719			
24	-15	+ 4	+16	+18	+10	+ 8	+ 7	+ 6	0	0	- 1	- 2	- 1	0	+ 1	+ 1	+ 4	+ 8	+11	+ 5	- 9	-20	-28	-27	717			
25	-14	- 3	+ 4	+10	+ 9	+ 3	+ 4	+ 4	+ 4	+ 2	0	- 1	- 1	0	+ 4	+ 8	+ 8	+ 9	+ 9	+ 1	- 6	-13	-21	-21	716			
26	-19	- 3	+11	+17	+11	+ 6	+ 6	+ 4	0	0	0	0	0	0	0	+ 4	+ 5	+ 9	+ 9	- 1	- 7	-11	-12	-19	716			
27	-16	- 7	+ 7	+11	+ 7	+ 4	+ 4	+ 3	- 2	- 2	- 3	0	- 1	- 2	0	+ 4	+ 6	+ 6	+11	+ 6	+ 1	- 8	-14	-15	719			
28	-12	- 3	+ 6	+ 5	- 2	- 4	- 4	- 6	- 4	- 4	- 4	- 4	- 2	- 2	+ 4	+ 6	+ 6	+ 6	+ 9	+ 7	+ 4	- 3	- 3	- 4	719			
29	- 5	+ 5	+17	+15	+ 7	0	0	- 3	- 3	- 5	- 5	- 5	- 5	- 2	+ 2	+ 3	- 2	+ 2	+ 5	+ 3	- 5	- 8	-11	-11	720			
30	- 3	+ 4	+13	+19	+12	+ 8	+ 7	+ 6	+ 2	+ 1	0	+ 1	0	+ 1	+ 2	+ 6	+ 8	+ 9	+10	- 1	-11	-20	-29	-39	716			
31	-34	-16	+ 9	+19	+11	+ 8	+ 7	+ 6	+ 2	+ 1	0	+ 1	+ 1	0	+ 1	+ 7	+ 7	+ 9	+ 9	0	- 4	-11	-21	-21	716			
MEAN.	- 8	+ 3	+12	+13	+ 8	+ 3	+ 1	+ 0	- 1	- 2	- 3	- 3	- 2	- 1	+ 1	+ 3	+ 5	+ 6	+ 9	+ 2	- 6	-13	-15	-14	719			

International Seismological Centre

DECLINATION

(D = 10° + Mean + ...East)

Unit = 0.1 minute of arc

G.M.T.

September 1945.

DAY.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1		-19	- 1	+15	+19	+12	+ 8	+ 1	+ 2	0	0	0	0	0	+ 1	+ 4	+ 8	+ 9	+ 9	+ 9	- 1	- 9	-14	-23	-21	716			
2		-15	+ 4	+15	+15	+13	+ 5	+ 5	0	- 3	- 3	- 3	- 4	- 4	- 4	- 3	+ 3	+ 5	+ 5	+ 7	+ 5	- 2	- 5	-13	-22	720			
3		-18	- 8	+10	+19	+16	+ 7	+ 4	+ 3	0	0	0	0	0	+ 2	+ 3	+ 8	+ 9	+10	+11	0	-10	-20	-22	-23	716			
4		-21	-12	+ 7	+18	+19	+12	+ 9	- 1	-11	- 9	- 9	-11	-10	- 1	+ 3	+ 8	+ 9	+11	+13	+ 8	- 1	-11	-13	-13	716			
5		- 6	+ 5	+ 8	+10	+ 8	+ 5	+ 1	+ 4	- 2	- 2	- 1	+ 1	+ 4	+ 4	+ 5	+ 7	+ 9	+ 8	+ 9	+ 1	-12	-17	-25	-24	719			
6		- 9	+ 4	+12	+13	+ 5	+ 2	+ 2	+ 3	+ 3	+ 2	- 1	- 1	- 1	- 1	+ 3	+ 4	+ 4	+ 5	+ 7	- 3	- 7	-16	-23	-18	721			
7		- 5	+ 5	+14	+15	+11	+ 7	+ 6	+ 5	+ 3	+ 3	0	0	0	+ 4	+ 3	+ 5	+ 5	+ 7	+ 5	- 7	-15	-19	-24	-17	720			
8		- 7	+11	+17	+13	+ 8	+ 6	+ 5	+ 4	+ 3	+ 3	+ 3	+ 1	+ 1	+ 1	+ 1	+ 3	+ 3	+ 4	+ 4	- 8	-17	-20	-24	-24	722			
9		-15	+ 2	+13	+16	+14	+10	+ 8	+ 5	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 5	+ 5	+ 7	+ 6	- 8	-23	-27	-27	-21	721			
10		-11	- 1	+ 4	+ 4	+ 4	+ 5	+ 4	+ 4	+ 3	+ 3	+ 3	- 1	- 3	+ 2	+ 3	+ 5	+ 5	+ 9	+ 8	- 5	-10	-10	-13	-15	720			
11		- 6	+ 4	+ 9	+ 9	+ 9	+ 5	+ 5	+ 4	+ 3	+ 2	- 2	- 3	- 3	- 3	- 1	+ 3	+ 4	+ 9	+12	+ 3	- 7	-16	-16	-14	721			
12		- 6	+ 7	+12	+10	+ 5	+ 1	- 1	- 4	- 5	- 1	- 4	- 6	- 3	+ 1	+ 2	+ 5	+ 8	+10	+ 5	- 8	-13	-10	- 3	+ 8	723			
13		+15	+20	+17	+15	+11	+ 5	+ 4	+ 3	+ 3	+ 1	- 2	- 2	0	+ 1	+ 3	+ 5	+ 6	+ 7	+ 2	-12	-23	-27	-27	-15	722			
14		- 1	+13	+17	+17	+14	+ 7	+ 5	+ 4	+ 4	0	0	0	0	+ 3	+ 3	+ 5	+ 6	+ 5	- 2	-15	-25	-25	-20	- 7	720			
15		+ 3	+13	+21	+16	+11	+ 3	+ 3	+ 2	- 2	- 5	- 6	- 5	- 3	- 2	- 2	+ 1	+ 2	+ 1	- 6	-12	-19	-16	- 6	+ 5	722			
16		+14	+17	+17	+11	+ 4	+ 2	+ 3	+ 2	- 1	- 1	- 1	- 2	- 3	- 1	+ 2	+ 3	+ 3	- 2	- 8	-18	-25	-21	- 8	+ 4	721			
17		+10	+21	+25	+24	+20	+10	+ 2	0	- 1	-10	-15	-12	- 8	- 7	- 2	+ 5	+ 7	+ 4	+ 3	- 7	-17	-22	-19	-19	725			
18		- 7	+ 1	+10	+10	+ 8	+ 5	+ 9	+ 2	- 2	- 1	- 2	- 3	0	+ 3	+ 5	+10	+ 7	+ 3	+ 2	-10	-20	-16	-10	0	715			
19		+ 6	+11	+ 8	+ 9	+ 7	+ 5	+ 5	+ 4	- 1	- 2	- 4	- 4	- 2	- 2	0	+ 4	+ 4	+ 1	- 6	-16	-21	-14	- 5	+ 6	719			
20		+14	+20	+19	+14	+ 9	+ 4	+ 4	+ 3	- 3	- 5	- 6	- 7	- 5	- 2	+ 1	+ 4	+ 4	+ 2	- 4	-16	-24	-20	-11	+ 2	721			
21		+14	+21	+19	+17	+13	+ 5	+ 4	+ 4	+ 3	- 1	- 2	- 2	- 1	+ 4	+ 4	+ 6	+ 7	+ 7	- 6	-19	-28	-31	-26	-16	721			
22		0	+14	+10	+ 4	0	+ 3	+ 5	+ 4	+ 2	- 2	- 1	- 2	- 2	0	+ 3	+ 5	+ 6	+ 5	0	- 8	-15	-15	- 7	- 4	720			
23		+ 3	+13	+12	+11	+ 7	+ 3	+ 2	+ 2	+ 1	0	+ 1	0	- 1	0	+ 1	+ 2	+ 2	+ 1	- 8	-14	-18	-18	-10	0	723			
24		+ 9	+14	+19	+16	+10	+ 2	+ 2	+ 1	+ 1	0	- 1	- 2	- 1	0	+ 1	+ 1	+ 1	+ 1	- 1	-17	-19	-19	-11	0	724			
25		+ 8	+19	+20	+12	+ 7	+ 5	+ 7	+ 6	+ 2	+ 2	+ 1	+ 2	0	+ 1	+ 2	+ 2	+ 2	+ 2	- 5	-13	-23	-28	-20	- 6	723			
26		+ 7	+14	+14	+ 5	+ 4	+ 4	+ 5	+ 7	+ 4	+ 4	+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 4	+ 4	- 3	-18	-26	-21	-16	- 5	721			
27		+ 9	+21	+20	+11	+ 1	- 4	+ 1	+ 1	0	- 1	- 7	- 9	- 9	- 4	- 2	- 1	- 1	- 7	- 9	-17	-14	- 9	+ 3	+18	724			
28		+29	+32	+21	+11	+ 2	+ 1	+ 2	+ 1	+ 1	- 3	- 5	- 4	- 5	- 3	- 1	0	0	- 4	-12	-19	-19	-19	-12	- 3	724			
29		+12	+22	+22	+14	+ 6	+ 4	+ 4	+ 4	+ 2	+ 2	- 1	+ 1	- 1	+ 2	+ 3	+ 4	+ 6	+ 4	- 6	-17	-25	-26	-16	- 8	721			
30		- 2	+ 9	+11	+ 9	+ 6	+ 6	+ 6	- 4	- 4	- 2	- 1	- 3	- 2	+ 1	+ 6	+ 5	+ 6	- 4	-11	-20	-24	-16	+ 1	+16	719			
31																													
MEAN.		0	+11	+15	+13	+ 9	+ 5	+ 4	+ 2	0	- 1	- 2	- 2	- 2	0	+ 2	+ 4	+ 5	+ 4	+ 1	-10	-17	-18	-15	- 8	721			

International Seismological Centre

DECLINATION

(D = 10° + Mean +.....East)

G.M.T. Unit = 0.1 minute of arc October, 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+19	+18	+18	+17	+ 8	+ 6	+ 6	+ 5	+ 1	0	0	+ 1	+ 1	+ 1	+ 3	+ 3	+ 1	- 4	-14	-22	-24	-22	-12	+ 1	717			
2	+11	+17	+16	+14	+ 6	+ 4	+ 5	+ 3	+ 2	- 3	- 4	- 2	+ 4	+ 3	+ 6	+ 6	+ 4	- 4	-16	-29	-24	-17	- 6	+ 6	719			
3	+12	+14	+13	+10	+ 5	+ 3	+ 3	+ 3	+ 1	+ 1	- 2	- 2	0	+ 3	+ 1	- 1	- 4	- 7	-15	-17	-15	-16	- 6	+13	722			
4	+28	+30	+21	+15	+ 5	0	0	0	- 1	- 2	- 2	- 8	- 5	- 2	- 5	- 2	- 2	- 8	-10	-18	-16	-11	- 7	0	725			
5	+16	+19	+17	+16	+ 9	+ 7	+ 6	+ 4	- 1	- 1	- 4	- 4	- 1	+ 2	+ 6	+ 7	+ 9	+ 4	-12	-24	-29	-24	-14	+ 1	719			
6	+14	+24	+25	+22	+13	+ 8	+ 7	+ 4	+ 3	+ 3	+ 2	+ 1	+ 1	+ 1	+ 3	+ 3	+ 3	- 4	-15	-26	-27	-30	-22	- 9	722			
7	+ 4	+21	+21	+11	+ 3	+ 4	+ 6	+ 2	+ 1	+ 1	- 1	- 1	- 1	- 4	- 4	- 1	+ 1	- 6	- 9	-19	-19	-14	- 8	+ 9	724			
8	+21	+21	+14	+11	+ 6	+ 4	+ 3	0	- 4	- 4	- 7	- 4	- 8	- 7	+ 1	0	0	- 6	-11	-19	-19	-11	0	+11	724			
9	+26	+33	+27	+18	+ 8	+ 5	+ 5	+ 6	+ 3	+ 3	+ 2	- 1	+ 1	+ 2	+ 2	+ 3	+ 3	- 2	-15	-27	-34	-36	-27	- 9	722			
10	+ 6	+15	+14	+ 7	+ 5	- 5	+ 6	+ 6	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 3	- 7	-25	-33	-32	-17	+ 3	720			
11	+13	+14	+14	+14	+10	+ 7	+ 7	+ 5	+ 4	+ 4	+ 4	+ 3	- 1	0	+ 2	+ 4	+ 4	+ 4	- 6	-21	-31	-31	-16	+ 4	721			
12	+17	+21	+16	+16	+16	+13	+13	+ 6	+ 6	+ 6	+ 1	- 6	- 9	- 8	- 1	- 2	- 4	- 4	-14	-24	-24	-21	- 9	+ 5	719			
13	+ 8	+17	+19	+18	+16	+ 8	+ 8	+ 8	- 2	- 1	0	- 1	- 2	0	+ 2	+ 2	0	- 4	-13	-23	-29	-23	-12	0	717			
14	+ 6	+10	+14	+15	+10	+ 6	+ 5	0	+ 1	+ 1	0	- 3	- 3	- 4	- 3	- 3	- 2	- 7	-15	-20	-15	-13	0	+ 8	720			
15	+17	+17	+17	+11	+ 7	+ 7	+ 7	+ 7	+ 2	+ 2	+ 2	- 1	- 1	0	0	- 1	0	- 3	-13	-23	-23	-22	-11	+ 5	718			
16	+10	+17	+17	+10	+ 6	0	- 1	- 3	- 7	- 4	- 3	- 3	- 2	- 3	- 3	- 2	- 2	- 4	-11	-12	-12	- 7	+ 4	+18	717			
17	+23	+20	+13	+ 8	+ 3	+ 3	+ 3	+ 3	+ 1	- 5	- 7	- 7	- 7	- 5	- 4	- 4	- 2	- 4	- 9	-15	-15	-12	- 3	+13	722			
18	+16	+22	+19	+12	+ 6	+ 4	+ 8	+ 6	+ 4	+ 4	+ 2	- 4	- 4	- 4	- 4	- 1	- 1	- 7	-21	-28	-28	-18	- 5	+12	721			
19	+19	+16	+ 6	+ 1	- 1	+ 6	+ 6	+ 6	+ 4	+ 4	+ 1	- 1	- 2	+ 1	+ 4	+ 1	- 1	-12	-22	-26	-24	- 9	+ 6	+19	719			
20	+25	+26	+21	+ 8	+ 3	+ 5	+ 8	+ 4	+ 3	+ 3	+ 3	+ 3	+ 1	+ 1	+ 1	+ 1	- 2	-15	-27	-34	-27	-17	- 2	+13	722			
21	+23	+23	+16	+11	+ 5	+ 6	+ 8	+ 7	+ 3	+ 3	+ 1	0	+ 1	+ 1	+ 2	+ 3	+ 3	- 9	-26	-37	-37	-22	- 5	+13	722			
22	+23	+28	+20	+10	+ 5	+ 3	+ 6	+ 5	+ 1	0	0	- 7	- 3	- 2	- 5	- 3	- 1	- 8	-20	-30	-30	-15	+ 3	+20	725			
23	+30	+30	+24	+17	+ 6	+ 5	+ 8	+ 7	+ 3	+ 2	0	- 2	- 3	0	- 1	+ 1	+ 2	- 6	-23	-30	-33	-26	-12	+ 2	723			
24	+16	+19	+26	+16	+16	+14	+16	+10	+ 6	- 1	- 9	-16	-14	- 9	- 6	- 4	- 4	-16	-29	-26	-19	-10	+ 6	+16	719			
25	+17	+14	+16	+10	+12	+14	+19	+14	+ 7	- 7	- 3	-16	-21	-13	- 3	+ 2	+ 4	0	-10	-18	-18	-15	- 8	0	723			
26	+ 6	+11	+11	+11	+ 9	+ 8	+10	+11	+ 4	+ 2	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	- 1	- 3	-11	-21	-24	-19	- 9	+ 1	724			
27	+15	+15	+13	+ 5	+ 4	+ 5	+ 7	+ 7	+ 5	+ 5	+ 3	+ 3	+ 3	+ 3	+ 5	+ 5	0	- 5	-20	-35	-37	-25	- 5	+15	720			
28	+19	+17	+ 9	+ 9	+ 9	+ 9	+ 9	+ 4	- 1	- 1	- 1	- 8	- 3	- 1	+ 1	+ 2	- 1	+ 4	-21	-21	-19	-11	- 1	+ 9	726			
29	+25	+25	+25	+15	+15	+10	+ 8	+ 7	+ 6	+ 5	- 1	0	+ 3	+ 5	+ 5	+ 5	+ 4	- 5	-20	-35	-36	-35	-25	-10	720			
30	+ 5	+ 5	+13	+15	+15	+13	+ 8	+ 8	+ 5	+ 5	+ 3	0	- 1	- 2	0	0	0	- 5	-15	-16	-22	-17	-10	- 3	720			
31	- 4	- 2	- 2	0	+ 3	+ 5	+ 6	+ 6	+ 4	+ 3	+ 3	+ 1	+ 1	+ 1	- 2	- 2	- 2	- 9	-16	-13	-12	- 5	+ 6	+18	722			
MEAN.	+16	+19	+17	+12	+ 8	+ 6	+ 7	+ 5	+ 2	+ 1	- 1	- 3	- 2	- 1	0	+ 1	0	- 5	-16	-24	-24	-19	- 7	+ 7	721			

International Seismological Centre

DECLINATION

(D = 10° + Mean +.....East)
Unit = 0.1 minute of arc

G.M.T.

November 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+25	+23	+16	+13	+ 8	+ 8	+ 8	+ 7	+ 5	+ 5	+ 4	+ 4	+ 3	+ 3	+ 1	0	- 4	-15	-25	-35	-35	-25	- 4	+15	724			
2	+18	+15	+ 9	+ 4	- 1	+ 7	+ 9	+ 8	+ 5	+ 5	+ 4	+ 3	+ 4	+ 4	+ 3	+ 2	- 4	-15	-32	-35	-25	-10	+ 6	+20	724			
3	+25	+22	+14	+11	+ 3	+ 4	+ 4	+ 3	+ 2	+ 2	+ 2	+ 2	0	+ 1	- 3	- 3	- 8	-18	-25	-28	-28	-13	+10	+25	727			
4	+30	+30	+20	+10	+ 3	+ 3	+ 5	+ 4	0	+ 1	0	- 1	- 1	- 1	0	0	- 2	-10	-20	-28	-30	-20	0	+14	729			
5	+19	+16	+11	+ 6	+ 5	+ 6	+ 8	+ 7	+ 6	+ 4	- 3	- 4	- 4	- 2	- 1	+ 1	0	- 5	-18	-24	-23	-14	+ 1	+14	723			
6	+17	+22	+21	+15	+12	+11	+10	+ 4	+ 2	+ 1	- 1	- 3	- 5	- 5	- 3	- 3	- 3	-14	-26	-28	-24	-13	+ 2	+21	727			
7	+30	+25	+17	+10	+ 5	+ 5	+ 5	+ 5	+ 3	+ 3	0	- 1	- 2	0	- 2	- 3	- 5	-13	-25	-31	(-28	-15	+ 1	+15)	724			
8																												
9	+21	+22	+22	+19	+16	+16	+13	+11	+ 1	- 9	- 9	-11	- 7	- 3	- 4	- 4	- 9	-14	-19	(-25	-25	-14	+ 1	+19)	718			
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24	+ 9	+ 9	+ 9	+ 9	+ 9	+ 9	+ 9	+ 7	+ 3	- 1	- 1	- 3	- 3	- 4	- 6	- 6	- 9	-15	-21	-26	-13	- 1	+ 5	+19	730			
25	+22	+23	+21	+11	+10	+11	+11	+11	+10	+ 1	+ 1	+ 1	+ 1	0	0	+ 1	- 4	-18	-27	-38	-34	-24	- 9	+13	728			
26	+23	+26	+23	+18	+13	+11	+10	+ 8	+ 8	+ 7	+ 3	0	- 2	- 2	- 2	- 2	- 2	- 9	-34	-46	-41	-22	- 2	+18	731			
27	+28	+25	+22	+15	+10	+ 8	+10	+ 9	+ 8	+ 5	+ 3	+ 1	+ 1	0	0	0	- 7	-18	-30	-40	-37	-25	- 8	+11	729			
28	+26	+30	+22	+19	+12	+10	+10	+10	+ 9	+ 3	+ 1	0	- 1	0	- 1	0	- 7	-20	-33	-40	-30	-20	- 2	+10	729			
29	+21	+18	+20	+13	+13	+13	+13	+ 8	+ 5	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	- 7	-24	-37	-54	-29	- 9	+ 3	+22	726			
30	+30	+29	+19	+11	+ 9	+ 9	+ 9	+ 5	+ 1	- 1	- 1	- 2	- 3	- 1	- 1	- 1	- 9	-21	-41	-45	-30	- 1	+12	+24	730			
31																												
MEAN.	+23	+22	+17	+12	+ 8	+ 9	+ 9	+ 7	+ 5	+ 2	0	- 1	- 1	0	- 1	- 1	- 5	-15	-28	-35	-29	-15	+ 1	+17	726			

International Seismological Centre

DECLINATION

(D = 10° + Mean +.....East)
Unit = 0.1 minute of arc

G.M.T. December 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+31	+28	+20	+11	+ 3	+ 6	+ 8	+ 5	+ 1	0	0	- 1	- 2	- 2	- 2	- 5	-10	-12	-35	-39	-20	- 5	+ 8	+18	729			
2	+22	+17	+12	+ 7	+ 3	+ 7	+12	+10	+10	+ 5	+ 2	+ 2	+ 2	+ 2	0	- 3	- 8	-20	-35	-33	-22	- 8	+ 7	+19	727			
3	+20	+21	+20	+10	+ 1	+ 4	+ 8	+ 2	0	0	0	0	0	0	- 1	0	- 5	-16	-30	-30	-20	- 8	+ 5	+14	729			
4	+25	+20	+15	+10	+ 3	+ 3	+ 5	+ 7	+ 5	0	0	- 2	- 3	- 1	- 1	- 2	- 5	-15	-20	-30	-20	- 5	+ 6	+14	729			
5	+19	+20	+22	+20	+18	+11	+ 9	+ 9	+ 4	+ 2	0	- 1	- 3	- 5	- 9	- 8	-10	-18	-33	-39	-21	-11	+ 7	+19	730			
6	+29	+19	+17	+13	+15	+12	+ 9	+ 8	+ 2	- 1	- 3	- 6	-11	-13	-11	- 9	- 3	- 1	-19	-28	-30	-13	+ 6	+17	730			
7	+22	+21	+18	+17	+15	+ 9	+10	+ 7	- 1	- 2	- 3	- 5	- 9	-10	- 7	- 9	- 7	-13	-21	-23	-15	- 5	+ 2	+ 7	732			
8	+13	+15	+23	+23	+18	+16	+13	+13	+ 6	+ 3	- 2	- 7	- 5	- 1	+ 3	+ 1	- 2	-12	-27	-34	-32	-22	- 7	+ 3	726			
9	+13	+21	+23	+23	+19	+16	+13	+11	+ 5	+ 3	- 2	- 2	- 2	+ 1	- 2	0	- 2	- 7	-27	-32	-27	-23	-17	+ 1	726			
10	+17	+17	+17	+12	+ 7	+ 9	+17	+12	+10	+ 7	+ 7	+ 2	- 3	- 2	0	+ 2	- 2	- 8	-13	-28	-32	-25	-23	+ 9	722			
11	+22	+32	+32	+27	+22	+14	+12	+12	+ 7	+ 2	+ 2	- 3	- 4	- 3	0	+ 2	+ 2	- 8	-25	-43	-43	-33	-18	+ 3	727			
12	+13	+13	+ 6	+ 5	+ 3	+ 3	+11	+ 5	+ 3	+ 3	+ 3	+ 3	- 4	- 1	+ 3	+ 3	+ 1	- 8	-27	-37	-27	- 9	+ 5	+23	726			
13	+32	+29	+24	+20	+14	+14	+14	+14	+12	+ 9	+ 4	+ 4	- 1	- 3	- 1	- 4	- 3	-16	-18	-38	-46	-36	-24	- 1	725			
14	+19	+19	+19	+21	+23	+19	+12	+ 7	+ 1	+ 7	- 1	- 9	-10	+ 3	+ 2	+ 9	- 1	-21	-41	-43	-31	-17	+ 1	+19	720			
15	+21	+21	+18	+11	+11	+11	+11	+ 9	+ 6	+ 5	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	- 9	-21	-38	-34	-31	-19	+ 1	+11	728			
16	+20	+16	+ 7	- 2	- 7	+ 3	+ 9	+ 9	+10	+ 8	0	- 2	- 2	- 2	+ 3	+ 6	0	-11	-22	-32	-27	-11	+ 8	+26	721			
17	+22	+27	+18	+17	+ 7	+ 8	+17	+15	+ 7	- 1	- 3	- 3	- 3	- 3	- 3	- 5	- 8	-23	-43	-53	-33	- 8	+17	+37	732			
18	+47	+47	+37	+27	+12	+ 7	+ 7	+ 5	- 3	- 3	- 3	- 3	- 3	- 5	- 3	- 4	- 8	-23	-38	-47	-45	-25	+ 1	+23	732			
19	+32	+30	+27	+20	+10	+ 2	+ 7	+ 3	+ 2	+ 2	+ 2	+ 2	+ 1	+ 2	+ 2	+ 2	+ 2	-10	-28	-37	-38	-28	- 8	0	727			
20	+13	+13	+13	+ 3	+ 3	+ 3	+ 4	+ 3	+ 3	+ 3	+ 1	- 7	+ 3	+ 3	+ 3	+13	+13	+ 3	-12	-27	-27	-17	- 7	+ 3	726			
21	+16	+25	+28	+31	+18	+16	+14	+ 6	+ 6	+ 6	+ 4	- 1	+ 5	+ 4	+ 1	- 2	- 3	-16	-37	-49	-44	-29	-11	+ 6	723			
22	+13	+16	+25	+23	+13	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 1	+ 1	+ 1	+ 3	+ 3	- 7	-17	-27	-33	-27	-14	+ 5	726			
23	+12	+17	+19	+17	+ 9	+ 6	+ 8	+ 8	+ 7	+ 3	- 1	- 1	- 3	- 6	- 3	- 1	- 1	- 9	-16	-21	-24	-21	- 9	+ 1	730			
24	+12	+13	+22	+24	+23	+22	+19	+13	+11	+ 5	+ 3	- 5	- 7	- 7	- 7	- 7	- 7	-12	-19	-27	-32	-27	-16	+ 1	726			
25	+ 7	+10	+19	+20	+10	+ 5	+ 8	+10	+11	+ 8	0	0	- 9	-10	- 9	- 7	- 9	-10	-10	-20	-20	-12	- 5	+ 5	729			
26	+12	+19	+21	+21	+17	+12	+12	+12	+12	+ 7	+ 2	+ 2	+ 1	- 5	- 4	- 5	- 8	-16	-18	-28	-28	-21	-10	+ 2	727			
27	+ 4	+ 4	+ 6	+13	+15	+12	+ 9	+12	+ 7	+ 6	+ 4	+ 3	- 2	- 5	- 5	- 6	- 6	-11	-18	-23	-18	-16	- 2	+12	725			
28	+14	+14	+23	+22	+17	+13	+12	+14	+ 5	+ 4	+ 2	- 4	- 4	- 4	- 6	- 5	- 6	-11	-18	-23	-18	-16	-16	- 6	725			
29	+ 3	+10	+15	+23	+20	+15	+15	+13	+10	+ 6	+ 5	+ 3	- 3	- 5	- 3	- 5	- 5	-12	-22	-35	-33	-16	- 8	0	724			
30	+ 6	+14	+14	+11	+ 7	+ 6	+11	+ 9	+ 7	+ 6	+ 3	- 2	- 3	- 3	- 3	- 2	- 3	- 4	-24	-27	-23	-14	- 1	+13	723			
31	+21	+19	+20	+18	+14	+11	+14	+11	+ 6	+ 6	+ 1	- 2	- 3	- 4	- 4	- 4	- 4	-14	-24	(-31	-29)	-24	- 4	+11	723			
MEAN.	+18	+20	+19	+17	+12	+10	+11	+ 9	+ 6	+ 4	+ 1	- 1	- 3	- 3	- 2	- 2	- 4	-12	-25	-33	-29	-18	- 4	+10	727			

200/1/42—14357]

International Seismological Centre

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean +.....) January 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+4	+3	+1	-2	-2	+1	+3	+4	+3	+1	0	0	0	+2	+3	+4	+4	+3	-1	-2	-5	-5	-8	-7	656			
2	-5	-9	-11	-9	-6	-5	0	+1	+1	+2	+2	+1	+1	+1	+1	+3	+5	+5	+3	0	+3	+6	+5	+1	654			
3	-1	+1	0	-2	-3	-5	-3	-2	-2	-2	-2	-2	-2	-2	-2	0	+2	+3	+2	+2	+2	+2	+4	+5	657			
4	+3	-2	-6	-6	-5	-3	-2	+1	+3	+5	+5	+4	+3	+1	+1	+1	+1	+1	0	-2	-2	+1	+3	+1	654			
5	0	-6	-9	-9	-7	-6	-3	-1	0	+2	+3	+2	+2	+2	+2	+3	+4	+4	+4	+2	+3	+3	0	-3	655			
6	-3	-5	-7	-5	-2	-2	-1	+1	+2	+1	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+4	653			
7	+5	+1	-3	-3	-3	-5	-2	-1	0	0	0	0	0	0	0	0	0	0	0	+1	+2	+2	+1	+3	654			
8	+6	+6	+5	+1	0	-2	-2	-2	-1	0	+1	+1	+1	+1	+1	+1	+1	0	-2	-2	-5	-2	+1	+4	654			
9	+6	-1	-4	-4	-5	-4	-2	-2	-1	+1	+2	+4	+5	+5	+4	+4	+2	+2	0	-1	0	+2	-1	-7	650			
10	-5	-5	-7	-4	-5	-4	-3	-1	0	+3	+5	+7	+10	+7	+7	+6	+4	+2	-1	-3	-4	-2	0	0	652			
11	-2	-6	-10	-9	-7	-6	-4	-3	-1	0	0	+2	+3	+4	+5	+4	+3	+2	0	0	+2	+5	+7	+10	652			
12	+8	+7	+4	-1	-1	0	+1	+1	+1	0	+1	+2	+2	+2	+2	+2	0	-1	-3	-5	-6	-4	-4	-3	655			
13	-2	-5	-5	-4	-2	-2	-1	-1	-1	+1	+2	+2	+2	+2	+4	+4	+4	+2	0	-1	+1	+4	+4	+2	653			
14	-1	-1	0	+1	+2	+1	+2	+1	0	0	0	0	+1	+3	+3	+4	+5	+3	-1	-6	-8	-6	-4	-5	652			
15																												
16	-5	-10	-8	-7	-4	-2	-1	+1	+1	+1	+2	+2	+4	+4	+6	+6	+7	+6	+2	+1	-1	0	-2	-8	653			
17	-7	-8	-7	-5	-7	-3	+1	+2	+3	+2	+5	+4	+2	+2	+5	+6	+6	+4	+2	0	0	+1	+1	+2	653			
18	+2	-1	-4	-6	-5	-3	-1	+2	+2	+2	+2	+2	+2	+2	+2	+4	+4	+5	+4	0	-1	-1	-1	-1	653			
19	-4	-4	-4	-2	-4	-2	0	+2	+3	+4	+4	+3	+2	+1	+2	+2	+2	+2	0	-1	-1	-2	-3	-2	653			
20	0	-3	-6	-7	-6	-5	-3	-1	0	+3	+3	+3	+5	+5	+4	+4	+4	+3	+2	0	0	+2	0	-3	652			
21	-4	-5	-4	-3	-3	-3	-1	+1	+2	+3	+3	+4	+4	+4	+2	+2	+1	0	-1	-3	-1	+1	+2	+3	652			
22	+1	0	-2	-3	-5	-5	-5	-2	-2	0	+1	+2	+3	+1	+1	+1	0	-2	-2	-2	+1	+2	+3	+4	654			
23	+3	0	-3	-3	-4	-4	-3	-3	-1	0	+2	+3	+3	+3	+3	+2	+2	0	0	-1	-1	0	+3	+7	652			
24	+7	+12	+11	+5	0	-3	-3	-2	-2	0	0	+1	+1	+1	+1	+1	0	-2	-4	-7	-8	-6	-2	+1	654			
25	+1	-3	-7	-11	-12	-10	-7	-6	-4	-3	-1	+2	+3	+3	+4	+4	+3	+3	+3	+3	+3	+6	+12	+17	652			
26	+17	+14	+10	+6	+3	+2	0	-2	-2	-2	0	0	+1	0	-2	-2	-2	-6	-10	-11	-9	-5	+1	+7	657			
27	+11	+9	+5	+4	+4	+2	+1	0	0	0	-1	0	0	+2	+4	+2	+2	0	-4	-9	-15	-12	-9	-4	655			
28	+2	+2	+2	+3	+3	+2	+2	+1	0	0	0	0	+1	+2	+3	+3	+3	+3	0	-7	-14	-10	-6	-6	652			
29	-13	-18	-16	-16	-13	-9	-3	-1	+2	+2	+3	+3	+5	+7	+10	+8	+8	+10	+8	+4	+4	+5	+8	+11	652			
30	+5	+6	+3	+2	0	-1	0	0	+1	+2	+1	0	+1	+2	+2	+2	+2	+1	-2	-5	-7	-5	-2	-2	657			
31																												
MEAN.	+1	-1	-3	-3	-3	-3	-1	0	0	+1	+2	+2	+2	+2	+3	+3	+3	+2	0	-2	-2	-1	0	+1	654			

International Seismological Centre

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean +.....) February 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+ 3	0	- 3	- 3	- 3	- 1	0	+ 1	+ 2	+ 2	+ 1	0	0	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	0	0	0	+ 1	- 1	653			
2																												
3	- 3	- 6	- 4	- 4	- 4	- 3	- 1	+ 1	+ 1	+ 1	+ 1	- 1	- 1	- 1	- 1	+ 1	+ 2	+ 1	+ 1	+ 1	+ 2	+ 4	+ 4	+ 1	656			
4	+ 1	- 2	- 6	- 7	- 4	- 2	- 1	+ 1	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 2	+ 1	+ 1	+ 3	+ 1	- 1	- 1	- 1	- 1	654			
5	- 3	- 4	- 5	- 5	- 6	- 9	- 7	- 3	0	+ 1	+ 1	+ 2	+ 3	+ 4	+ 4	+ 2	+ 1	+ 2	+ 1	- 1	+ 1	+ 4	+ 5	+ 7	656			
6	+ 2	- 2	- 6	- 6	- 4	- 3	- 1	+ 1	+ 1	+ 2	+ 2	+ 4	+ 4	+ 4	+ 4	+ 2	+ 2	+ 1	0	- 3	- 6	- 3	+ 1	+ 3	656			
7	+ 5	+ 2	- 2	- 4	- 4	- 4	- 3	- 1	+ 1	+ 2	+ 2	+ 3	+ 4	+ 3	+ 3	+ 2	+ 1	0	- 3	- 4	- 2	0	+ 4	+ 7	653			
8	+ 5	+ 2	- 1	- 4	- 4	- 4	- 2	- 1	- 2	- 1	+ 2	+ 4	+ 4	+ 4	+ 4	+ 3	+ 3	+ 2	- 1	- 4	- 3	0	+ 1	+ 4	653			
9	+ 2	0	+ 2	+ 3	- 1	- 4	- 3	- 3	- 2	0	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 2	+ 1	- 1	- 2	- 2	- 2	+ 2	+ 5	655			
10	+ 6	+ 6	+ 4	- 1	- 2	- 4	- 2	- 2	- 2	- 1	0	+ 1	+ 3	+ 3	+ 3	+ 4	+ 3	+ 1	- 2	- 5	- 6	- 5	- 4	+ 1	654			
11	+ 1	+ 1	+ 1	- 1	- 2	- 2	- 2	- 3	- 3	- 2	- 1	+ 1	+ 1	+ 3	+ 3	+ 4	+ 5	+ 3	+ 1	- 1	- 1	- 1	- 4	- 1	654			
12	+ 3	+ 4	+ 2	0	0	- 1	- 3	- 2	- 1	- 1	0	0	+ 2	+ 4	+ 4	+ 5	+ 5	+ 5	+ 2	- 3	- 7	- 5	- 4	0	653			
13	+ 2	+ 4	+ 4	+ 1	- 2	- 2	- 2	- 2	- 2	- 4	- 4	- 2	- 1	- 1	+ 1	+ 3	+ 4	+ 3	+ 3	0	- 1	+ 1	+ 3	+ 4	654			
14	+ 3	- 1	- 1	- 1	+ 1	+ 1	+ 1	+ 1	0	- 1	- 1	- 1	- 1	- 1	+ 1	+ 3	+ 4	+ 4	+ 3	+ 1	- 2	- 7	- 9	- 6	654			
15	- 1	- 4	- 5	- 5	- 5	- 1	+ 2	+ 2	+ 1	- 4	- 5	- 3	- 1	+ 2	+ 4	+ 6	+ 7	+ 9	+ 7	+ 6	+ 3	0	- 2	- 3	651			
16	- 4	- 6	- 6	- 4	- 1	0	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 4	+ 5	+ 4	+ 5	+ 4	+ 4	- 1	- 4	- 4	(- 2)	654		
17																												
18	- 7	- 7	- 8	- 8	- 7	- 5	- 1	+ 2	+ 3	+ 4	+ 4	+ 4	+ 4	+ 4	+ 5	+ 5	+ 4	+ 3	+ 4	+ 1	+ 1	+ 1	0	- 2	652			
19	- 4	- 5	- 6	- 6	- 5	- 4	- 1	0	+ 2	+ 3	+ 4	+ 4	+ 4	+ 4	+ 4	+ 3	+ 3	+ 4	+ 2	0	- 3	- 4	- 4	- 3	654			
20	- 3	- 6	- 8	- 9	- 8	- 7	- 5	- 1	+ 1	+ 1	+ 1	+ 3	+ 3	+ 4	+ 4	+ 4	+ 5	+ 3	+ 2	+ 1	+ 2	+ 3	+ 6	(+ 8)	653			
21																												
22	+ 2	+ 2	+ 1	- 2	- 2	- 4	- 2	- 1	- 1	+ 1	+ 2	+ 3	+ 4	+ 6	+ 4	+ 4	+ 3	+ 2	- 2	- 2	- 3	- 2	- 2	- 2	652			
23	- 1	0	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 1	+ 3	+ 5	+ 5	+ 6	+ 4	+ 5	+ 3	+ 2	- 2	- 2	- 3	- 2	- 2	- 2	652			
24	- 8	- 7	- 5	- 5	- 5	- 4	- 2	- 1	0	+ 1	+ 1	+ 2	+ 2	+ 5	+ 6	+ 5	+ 5	+ 5	+ 2	- 2	- 2	0	+ 2	+ 2	652			
25	- 1	- 2	- 2	0	- 1	- 1	+ 1	+ 2	+ 2	+ 1	+ 1	+ 2	+ 4	+ 6	+ 6	+ 6	+ 6	+ 6	+ 2	- 3	-11	-12	-10	- 7	652			
26	- 7	- 4	- 1	- 1	- 4	- 3	- 1	- 1	0	- 1	- 1	0	0	+ 2	+ 2	+ 1	+ 4	0	- 1	- 1	- 3	0	+ 3	+ 7	654			
27	+ 5	+ 5	+ 2	0	- 2	- 2	- 1	+ 2	- 2	- 2	- 2	0	0	+ 1	+ 3	+ 4	+ 3	+ 2	- 2	- 8	- 9	- 6	- 3	0	656			
28																												
29																												
30																												
31																												
MEAN.	0	- 1	- 2	- 3	- 3	- 3	- 1	0	0	0	+ 1	+ 2	+ 2	+ 3	+ 3	+ 4	+ 3	+ 3	+ 1	- 1	- 3	- 2	- 1	+ 1	654			

International Seismological Centre

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean +.....) March, 1945.

DAY.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1		- 1	0	- 1	- 2	- 1	0	+ 1	+ 1	0	0	0	0	0	0	0	+ 2	+ 2	+ 2	+ 2	0	- 1	- 1	- 1	+ 1	656			
2		+ 2	+ 2	+ 2	- 1	- 2	- 1	+ 1	+ 2	+ 2	+ 1	+ 1	0	- 1	0	+ 1	+ 2	+ 4	+ 4	+ 2	- 1	- 2	- 4	- 7	- 9	654			
3		- 8	-11	-11	-11	-11	- 6	- 1	0	+ 2	+ 3	+ 2	+ 2	+ 2	+ 3	+ 3	+ 3	+ 5	+ 5	+ 5	+ 6	+ 5	+ 5	+ 3	0	653			
4		- 3	- 1	- 1	- 3	- 3	- 2	0	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	0	+ 1	+ 1	+ 3	+ 2	655			
5		+ 1	- 5	-11	-11	-10	- 6	- 2	0	+ 1	+ 3	+ 4	+ 3	+ 4	+ 3	+ 3	+ 1	+ 2	+ 3	+ 7	+ 6	+ 3	+ 4	+ 4	+ 3	652			
6		- 3	- 6	- 7	- 7	- 6	- 4	- 2	0	+ 3	+ 5	+ 5	+ 5	+ 3	+ 3	+ 3	+ 3	+ 3	+ 1	+ 3	+ 2	- 2	- 1	0	- 2	655			
7		- 3	- 5	- 7	- 9	- 9	- 7	- 4	0	+ 4	+ 8	+ 6	+ 6	+ 6	+ 6	+ 6	+ 4	+ 3	+ 3	+ 3	+ 1	+ 1	0	- 1	- 2	652			
8		0	+ 2	0	- 4	- 5	- 2	0	+ 1	0	+ 2	+ 5	+ 7	+ 7	+ 3	+ 3	+ 3	+ 6	+ 3	+ 3	0	- 3	- 8	- 9	- 7	653			
9		- 2	- 3	- 6	- 6	- 4	- 2	0	+ 1	+ 2	+ 3	+ 4	+ 4	+ 5	+ 5	+ 4	+ 4	+ 4	+ 2	+ 1	- 3	- 2	- 2	- 2	+ 1	654			
10		+ 1	- 1	- 2	- 4	- 4	- 4	- 2	- 1	0	+ 2	+ 2	+ 4	+ 6	+ 6	+ 7	+ 6	+ 6	+ 4	+ 2	0	- 3	- 6	- 4	- 4	654			
11		- 9	-10	-10	- 9	- 7	- 4	- 2	- 2	0	- 2	+ 1	+ 4	+ 4	+ 6	+ 7	+ 7	+ 9	+ 6	+ 5	+ 1	- 2	0	+ 2	+ 2	654			
12		0	0	- 2	- 6	- 4	- 4	- 4	- 1	- 1	+ 2	+ 5	+ 4	+ 4	+ 6	+ 8	+ 7	+ 6	+ 3	0	0	- 4	- 7	- 9	- 4	656			
13		- 4	- 4	- 4	- 2	- 1	- 1	+ 1	+ 1	- 1	0	+ 1	+ 3	+ 3	+ 4	+ 6	+ 6	+ 4	+ 3	0	- 2	- 2	- 2	- 1	+ 1	657			
14		+ 3	+ 3	+ 2	+ 1	0	0	0	0	0	0	0	0	+ 2	+ 4	+ 7	+ 8	+10	+ 8	+ 3	- 1	- 8	-12	-17	-19	653			
15		-21	-23	-19	-15	- 5	0	0	+ 7	+ 5	+ 7	+ 7	+ 7	+ 8	+11	+10	+16	+11	+10	+ 7	+ 3	- 1	- 3	- 5	- 6	653			
16		-11	-10	- 8	- 6	- 4	- 1	+ 2	+ 2	+ 3	+ 3	+ 4	+ 2	+ 2	+ 4	+ 7	+ 7	+ 7	+ 7	+ 5	+ 3	0	- 1	- 4	- 8	656			
17		- 5	- 6	- 5	- 3	- 2	0	+ 1	+ 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 4	+ 5	+ 5	+ 5	+ 5	0	- 3	- 3	- 3	- 3	655			
18		0	- 3	- 3	- 2	- 2	0	+ 1	+ 3	+ 2	+ 2	+ 1	+ 1	+ 1	0	0	+ 1	+ 1	+ 3	+ 3	+ 3	+ 1	- 2	- 3	- 5	655			
19		- 6	- 8	- 6	- 5	- 5	- 3	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 2	0	- 1	0	+ 2	+ 3	653			
20		- 1	- 4	- 5	- 5	- 5	- 3	- 2	- 1	+ 2	+ 2	+ 3	+ 5	+ 5	+ 5	+ 4	+ 3	+ 3	+ 3	+ 3	+ 2	- 1	- 1	- 3	- 1	653			
21																													
22		+ 2	- 1	- 3	- 4	- 3	- 4	- 2	- 2	- 1	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 1	- 1	- 2	- 4	- 2	- 1	654			
23		- 3	- 3	- 4	- 4	- 5	- 6	- 6	- 4	- 4	- 3	0	+ 2	+ 3	+ 4	+ 4	+ 4	+ 2	0	0	- 1	0	+ 4	(+ 6)	+ 7	656			
24																													
25																													
26		- 7	- 9	- 7	- 3	- 3	- 5	- 3	- 6	- 5	- 3	+ 3	+ 5	+ 6	+ 8	+10	+11	+ 9	+ 6	+ 2	+ 1	+ 1	- 1	0	0	655			
27																													
28																													
29																													
30		(0)	- 2	- 4	- 2	+ 1	+ 1	+ 2	+ 2	+ 2	+ 1	+ 1	+ 1	+ 2	+ 2	+ 4	+ 5	+ 6	+ 6	+ 5	+ 2	- 1	- 6	- 9	-12	654			
31		-10	-10	-10	- 7	- 4	- 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 5	+ 5	+ 7	+ 7	+ 5	+ 2	+ 1	- 1	- 3	- 6	651			
MEAN.		- 4	- 5	- 5	- 5	- 4	- 3	- 1	0	+ 1	+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 5	+ 5	+ 4	+ 3	+ 1	- 1	- 2	- 3	- 3	654			

International Seismological Centre

[S.I.R.—388.
(1946 Print).

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean + ...) April 1945.

DAY.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1		- 8	-12	-12	- 6	- 1	+ 1	- 3	- 6	-11	- 7	- 2	0	+ 1	+ 6	+ 7	+ 8	+ 9	+ 9	+ 7	+ 5	+ 2	+ 1	+ 3	+ 4	652			
2		- 6	- 4	- 5	- 4	- 1	0	0	+ 2	+ 2	0	0	- 1	- 2	- 3	- 3	- 2	- 1	- 1	- 1	- 1	0	+ 5	+ 8	+ 8	660			
3																													
4																													
5																													
6		+ 5	+ 5	+ 1	- 1	- 3	- 3	- 1	- 1	+ 2	0	+ 3	+ 2	+ 5	+ 5	+ 3	+ 3	+ 2	+ 2	+ 2	- 3	- 8	- 9	- 9	-11	654			
7																													
8																													
9																													
10																													
11																													
12																													
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30																													
31																													
MEAN.																													

International Seismological Centre
[200/9/45—10537

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean +.....) May 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1																												
2	-11	-13	-13	-13	- 8	- 2	+ 1	+ 3	+ 4	+ 4	+ 3	+ 3	+ 3	+ 4	+ 5	+ 5	+ 5	+ 6	+ 6	+ 6	+ 4	+ 2	- 1	- 2	652			
3	- 3	- 3	- 3	- 3	- 3	- 3	0	+ 2	+ 2	+ 1	+ 3	+ 4	+ 4	+ 3	+ 4	+ 4	+ 4	+ 5	+ 5	+ 3	+ 1	- 3	- 9	-14	653			
4	-14	-17	-17	-12	- 9	- 5	- 2	0	+ 3	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 5	+ 6	+ 6	+ 6	+ 5	+ 6	+ 4	+ 2	651			
5	- 4	- 3	- 4	- 2	- 2	- 3	- 4	- 2	0	+ 1	+ 1	+ 1	+ 1	+ 2	+ 1	+ 1	+ 1	+ 1	+ 3	+ 4	+ 4	+ 3	+ 4	+ 3	654			
6	+ 3	0	- 7	- 8	- 6	- 4	- 4	- 2	0	+ 1	+ 1	+.2	+ 2	+ 1	+ 1	0	0	0	+ 1	+ 1	+ 3	+ 3	+ 3	+ 3	654			
7	+ 1	+ 1	0	- 1	- 1	- 2	- 2	- 2	- 2	- 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	- 1	- 1	- 1	+ 1	+ 1	0	+ 1	+ 4	656			
8	+ 6	+ 6	+ 3	+ 1	+ 1	- 2	- 4	- 4	- 2	- 2	0	+ 1	+ 3	+ 3	+ 4	+ 4	+ 3	+ 3	+ 1	0	- 2	- 4	- 5	- 7	654			
9	- 5	- 5	- 2	- 2	- 3	- 2	- 2	- 2	0	0	+ 1	+ 2	+ 3	+ 3	+ 5	+ 5	+ 3	+ 3	+ 3	0	- 2	- 4	- 5	- 2	652			
10	- 2	+ 1	+ 1	- 1	- 1	0	- 1	- 2	- 2	- 2	- 2	- 1	+ 1	+ 2	+ 2	+ 4	+ 4	+ 4	+ 2	+ 1	0	- 2	- 4	- 4	656			
11	- 3	- 2	- 2	+ 1	- 1	- 7	- 7	- 2	- 2	- 6	- 4	- 2	- 2	0	+ 2	+ 4	+ 6	+ 6	+ 6	+ 3	0	- 1	+ 1	0	656			
12	- 4	- 6	- 7	- 4	- 1	- 1	0	- 1	- 1	0	0	0	0	+ 2	+ 3	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	- 1	- 4	- 6	658			
13	- 7	- 7	- 5	- 3	0	+ 1	+ 1	0	0	- 1	0	0	0	0	+ 1	+ 1	+ 3	+ 5	+ 6	+ 5	+ 3	0	- 3	- 5	657			
14	- 2	- 1	- 1	0	+ 1	+ 2	+ 2	+ 2	+ 2	+ 1	+ 1	- 1	- 2	- 2	- 1	+ 2	+ 4	+ 4	+ 6	+ 4	+ 1	- 3	- 9	-12	656			
15	-14	-12	- 9	- 5	- 1	0	+ 1	+ 2	+ 3	+ 3	+ 2	+ 2	+ 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 5	+ 4	+ 3	+ 1	- 2	- 6	655			
16	- 7	- 8	- 8	- 7	- 4	0	+ 1	+ 4	+ 4	+ 4	+ 4	+ 3	+ 3	+ 2	+ 2	+ 3	+ 3	+ 3	+ 5	+ 4	+ 3	0	- 4	- 5	654			
17	- 7	- 9	-11	-10	- 6	- 5	- 3	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 2	+ 2	+ 3	+ 3	+ 2	- 1	+ 2	+ 5		655			
18	+ 5	+ 1	- 3	- 5	- 5	- 5	- 5	- 4	- 2	0	+ 1	+ 1	+ 1	+ 1	+ 5	+ 2	+ 5	+ 5	+ 5	+ 1	+ 1	+ 1	0	0	657			
19	+ 2	- 1	- 3	- 2	- 1	- 2	- 2	- 2	- 1	0	+ 1	0	0	+ 1	+ 1	+ 2	+ 2	+ 2	+ 3	+ 5	+ 6	+ 3	- 1	- 2	656			
20	- 2	0	+ 1	- 1	- 2	- 2	- 4	- 3	- 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 1	+ 2	+ 2	+ 2	+ 2	0	- 3	- 6	- 7	656			
21	- 5	- 4	- 3	- 1	+ 1	- 1	- 2	0	+ 1	+ 1	+ 2	+ 3	+ 4	+ 5	+ 5	+ 5	+ 4	+ 2	+ 2	+ 2	+ 2	0	- 5	-13	653			
22	-19	-20	-16	- 9	- 5	- 3	- 1	0	0	+ 2	+ 4	+ 5	+ 6	+ 8	+ 8	+ 7	+ 7	+ 5	+ 5	+ 4	+ 2	+ 1	+ 1	0	650			
23	- 4	- 2	- 1	- 2	- 2	- 4	- 7	- 7	- 4	0	0	+ 3	+ 4	+ 4	+ 4	+ 4	+ 4	+ 3	+ 3	+ 3	+ 1	0	- 1	- 4	654			
24	- 4	- 6	- 4	- 4	- 5	- 4	- 3	- 3	- 3	- 1	0	+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 3	+ 3	+ 2	+ 2	+ 1	0	- 1	655			
25	- 5	- 6	- 4	- 5	- 2	- 1	- 1	- 1	- 1	- 1	- 1	+ 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 4	+ 5	+ 2	- 1	655			
26	0	- 2	- 1	- 2	0	0	0	0	0	- 1	0	0	+ 1	+ 1	+ 2	+ 4	+ 4	+ 4	+ 4	+ 3	+ 1	- 1	- 4	- 4	654			
27	- 2	- 5	- 5	- 4	- 3	- 1	- 1	0	0	- 1	0	+ 1	+ 2	+ 3	+ 3	+ 5	+ 6	+ 6	+ 6	+ 2	- 5	- 9	-10		652			
28	- 9	- 7	- 4	- 1	0	- 1	- 1	- 1	0	- 1	- 1	- 1	0	+ 1	+ 2	+ 2	+ 2	+ 4	+ 5	+ 5	+ 5	+ 4	+ 4	+ 4	653			
29	+ 3	- 2	- 3	- 2	- 1	- 2	- 1	- 1	- 1	- 1	0	0	+ 1	+ 1	+ 2	+ 4	+ 4	+ 4	+ 4	+ 3	+ 1	- 3	- 5	- 7	653			
30	- 9	- 8	- 8	- 6	- 3	0	+ 2	0	0	0	+ 1	0	0	0	+ 2	+ 4	+ 4	+ 5	+ 6	+ 6	+ 6	+ 3	+ 2	0	652			
31	- 6	- 6	- 7	- 6	- 2	+ 1	+ 1	+ 1	- 1	+ 1	+ 2	+ 5	+ 4	+ 2	+ 2	+ 2	+ 2	+ 2	+ 4	+ 4	+ 4	+ 4	+ 1	- 3	653			
MEAN.	- 4	- 5	- 5	- 4	- 2	- 2	- 2	- 1	0	0	+ 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 3	+ 3	+ 4	+ 3	+ 2	0	- 2	- 3	654			

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G.M.T. (Z = 20000γ + Mean + ...) June 1945.

DAY.		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1		- 4	- 3	- 3	- 3	- 3	- 3	0	+ 1	+ 1	+ 1	+ 1	0	0	0	0	+ 1	+ 1	+ 1	+ 3	+ 6	+ 5	+ 5	+ 1	- 3	654			
2		- 3	- 3	- 1	- 3	- 3	- 2	- 1	0	+ 2	+ 2	+ 3	+ 3	+ 3	+ 2	+ 2	+ 2	+ 2	+ 2	+ 3	+ 2	0	- 2	- 6	- 9	652			
3		- 9	- 9	- 8	- 9	- 9	- 6	- 3	- 1	+ 2	+ 3	+ 3	+ 3	+ 4	+ 3	+ 3	+ 3	+ 3	+ 3	+ 5	+ 7	+ 8	+ 7	+ 5	+ 2	652			
4		- 1	- 2	- 2	- 2	- 3	- 3	- 2	- 1	0	+ 1	+ 2	+ 2	+ 2	+ 3	+ 2	+ 2	+ 2	+ 2	+ 3	+ 3	+ 1	- 1	- 2	- 6	653			
5		-11	-10	- 6	- 4	- 4	- 3	- 2	- 1	0	+ 1	+ 2	+ 4	+ 4	+ 4	+ 3	+ 2	+ 2	+ 2	+ 3	+ 6	+ 4	+ 2	+ 1	+ 1	653			
6		- 2	- 4	- 2	- 1	- 1	- 1	- 4	- 6	- 9	- 6	- 7	- 6	0	+ 2	+ 6	+ 6	+ 6	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	+ 1	653			
7		- 4	- 8	- 6	- 3	- 1	- 1	- 1	0	0	0	+ 2	+ 4	+ 6	+ 5	+ 5	+ 5	+ 4	+ 4	+ 3	0	+ 1	0	- 3	- 3	655			
8		- 3	- 5	- 5	- 6	- 5	- 3	+ 1	+ 1	+ 1	+ 2	+ 3	+ 3	+ 5	+ 5	+ 8	+ 9	+ 6	+ 3	+ 3	+ 1	- 2	- 3	- 7	-10	654			
9		-11	-10	- 7	- 2	+ 1	0	0	0	- 2	- 2	0	+ 1	+ 2	+ 5	+ 5	+ 6	+ 6	+ 5	+ 5	+ 3	+ 1	+ 1	- 2	- 4	654			
10		- 9	- 9	- 6	- 5	- 4	- 1	- 1	0	0	0	+ 2	+ 2	+ 3	+ 2	+ 4	+ 5	+ 6	+ 6	+ 6	+ 4	+ 1	0	- 2	- 1	655			
11		- 2	- 5	- 3	- 2	- 1	- 1	0	0	- 1	- 1	- 1	0	0	+ 1	+ 3	+ 4	+ 5	+ 5	+ 5	+ 3	+ 2	+ 1	- 3	- 7	654			
12		- 9	- 9	- 6	- 4	- 2	- 1	0	+ 1	+ 1	+ 1	+ 1	- 1	- 1	+ 1	+ 2	+ 3	+ 4	+ 4	+ 6	+ 6	+ 2	+ 1	- 2	- 3	653			
13		- 3	- 5	- 5	- 4	- 4	- 3	0	0	0	0	0	0	+ 1	0	+ 1	+ 1	+ 1	+ 1	+ 3	+ 5	+ 5	+ 5	+ 3	0	654			
14		- 4	- 4	- 4	- 3	- 2	0	0	0	0	- 1	- 1	- 1	- 1	- 1	- 1	0	0	+ 2	+ 4	+ 5	+ 4	0	0	0	655			
15		- 2	- 6	- 9	- 7	- 4	- 2	- 2	- 2	- 1	0	+ 1	+ 1	+ 1	+ 1	+ 1	+ 2	+ 2	+ 3	+ 4	+ 5	+ 4	+ 2	- 1	- 2	653			
16		- 3	- 1	0	+ 1	+ 2	0	0	0	0	0	+ 1	+ 1	+ 1	+ 1	0	0	0	0	+ 2	+ 4	+ 2	0	- 1	- 1	655			
17		- 2	- 3	- 2	0	0	- 2	0	+ 1	+ 3	+ 2	+ 1	+ 1	+ 1	0	0	0	+ 1	+ 1	+ 2	+ 3	+ 2	+ 1	- 1	- 2	654			
18		- 2	- 8	- 9	- 6	- 4	- 3	- 2	- 1	- 1	0	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 6	+ 6	+ 2	+ 1	+ 5	653			
19		+ 4	+ 4	+ 2	0	- 1	- 3	- 3	- 2	- 1	- 1	0	0	+ 2	+ 1	+ 1	0	0	0	+ 1	0	0	- 1	- 4	- 6	655			
20		- 5	- 7	- 7	- 7	- 5	- 3	- 3	- 3	0	+ 1	+ 1	+ 1	+ 3	+ 3	+ 3	+ 3	+ 1	+ 1	+ 2	+ 3	+ 5	+ 4	+ 1	0	653			
21		- 3	- 1	- 1	- 2	- 3	- 4	- 4	- 4	- 2	- 1	- 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 1	+ 1	+ 1	+ 1	- 1	- 1	- 2	655			
22		- 3	- 2	0	+ 1	0	0	0	- 1	- 1	0	0	+ 1	+ 2	+ 2	+ 2	+ 3	+ 3	+ 2	+ 2	+ 2	0	- 1	- 5	- 8	654			
23		-10	- 2	- 1	- 2	- 1	- 1	- 1	- 2	- 2	- 4	- 3	- 2	+ 1	+ 2	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	+ 1	- 1	- 1	652			
24		- 2	- 1	0	0	0	0	- 2	- 2	- 1	- 1	0	0	+ 1	+ 2	+ 3	+ 4	+ 5	+ 4	+ 4	+ 3	+ 1	- 1	- 3	- 5	653			
25		- 6	- 8	- 6	- 5	- 2	- 1	- 1	0	0	- 1	0	+ 1	+ 2	+ 3	+ 5	+ 6	+ 7	+ 7	+ 6	+ 5	+ 3	0	- 3	- 5	651			
26		- 7	- 4	- 2	- 2	- 2	- 2	- 2	- 2	- 2	- 2	- 1	- 1	0	+ 1	+ 2	+ 3	+ 4	+ 4	+ 4	+ 5	+ 4	+ 2	- 1	- 2	652			
27		- 3	- 2	- 2	- 3	- 3	- 3	- 3	- 2	- 2	- 3	- 3	- 3	- 2	0	+ 1	+ 5	+ 5	+ 5	+ 5	+ 5	+ 3	+ 1	- 1	- 4	653			
28		- 5	- 7	- 8	- 4	0	+ 1	+ 1	+ 1	0	- 1	0	0	0	0	+ 1	+ 1	+ 1	+ 3	+ 4	+ 5	+ 5	+ 5	+ 2	- 2	653			
29		- 2	- 3	- 3	- 3	- 2	0	0	0	0	0	0	0	0	0	+ 1	+ 2	+ 3	+ 4	+ 5	+ 3	+ 1	- 2	- 5	- 7	653			
30		- 7	- 5	- 5	- 4	- 2	- 2	- 1	0	0	0	0	0	- 2	0	- 1	- 2	- 2	0	+ 2	+ 7	+ 9	+ 9	+ 8	+ 5	653			
31																													
MEAN.		- 4	- 5	- 4	- 3	- 2	- 2	- 1	- 1	0	0	0	+ 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 3	+ 1	- 1	- 3	653			

200/1/41—143571

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G.M.T. (Z = 20000γ + Mean +....) July 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	- 3	- 6	- 9	-11	-11	- 8	- 7	- 3	- 3	- 1	- 1	- 3	- 2	+ 2	+ 5	+ 5	+ 6	+ 9	+ 9	+11	+10	+ 5	0	- 3	658			
2	- 4	- 4	0	+ 1	+ 1	+ 1	0	0	+ 1	+ 1	+ 1	+ 1	0	0	0	0	0	0	0	+ 1	+ 3	+ 3	+ 3	+ 2	659			
3	+ 2	+ 2	+ 2	+ 1	- 3	- 6	- 3	- 1	- 1	+ 1	+ 1	+ 2	+ 1	+ 1	+ 1	- 1	- 1	- 2	- 1	- 1	+ 1	+ 2	+ 2	+ 1	658			
4	+ 1	- 1	- 3	- 2	- 1	- 2	- 4	- 5	- 4	- 2	- 1	+ 3	+ 4	+ 2	+ 3	+ 5	+ 5	+ 1	+ 1	+ 1	+ 1	+ 1	+ 3	+ 3	654			
5	- 3	- 3	- 2	- 2	- 6	- 7	- 3	- 3	- 3	- 2	- 1	0	+ 2	+ 2	+ 2	+ 2	0	- 1	0	+ 2	+ 2	+ 3	+ 9	+ 8	657			
6																												
7	0	+ 1	+ 1	+ 1	+ 1	0	0	- 2	- 2	- 2	- 2	- 1	0	+ 1	+ 3	+ 3	+ 3	+ 1	+ 1	+ 1	+ 1	0	0	- 1	659			
8	- 1	- 5	- 5	- 6	- 5	- 2	- 2	- 1	0	0	0	+ 3	+ 4	+ 6	+ 6	+ 8	+ 8	+ 8	+ 4	+ 3	- 1	- 5	- 7	- 7	656			
9	- 9	- 6	- 4	0	+ 1	+ 1	+ 1	+ 1	- 1	- 1	- 1	0	+ 2	+ 3	+ 4	+ 5	+ 5	+ 4	+ 4	+ 3	0	- 3	- 7	-11	656			
10	-11	- 9	- 8	- 6	- 3	- 1	0	0	- 1	- 1	- 1	0	0	+ 2	+ 4	+ 5	+ 5	+ 5	+ 6	+ 7	+ 5	+ 4	+ 2	0	655			
11	- 3	- 5	- 6	- 4	+ 1	+ 2	+ 2	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 2	+ 3	+ 5	+ 6	+ 6	+ 6	+ 5	+ 1	- 3	- 7	- 8	654			
12	- 6	- 9	-10	- 8	- 7	- 5	- 3	- 2	- 1	0	0	0	+ 1	+ 2	+ 3	+ 3	+ 5	+ 5	+ 7	+ 7	+ 7	+ 7	+ 3	- 2	652			
13	- 7	- 7	- 5	- 4	- 5	- 4	- 2	0	- 1	- 2	- 1	0	0	0	+ 1	+ 2	+ 3	+ 4	+ 5	+ 6	+ 5	+ 5	+ 5	+ 3	654			
14	- 2	- 6	- 5	- 4	- 4	- 3	0	+ 1	+ 1	0	- 1	- 2	- 2	- 2	- 1	0	+ 1	+ 1	+ 2	+ 4	+ 5	+ 5	+ 3	+ 1	654			
15	- 2	- 4	- 4	- 2	- 2	- 3	- 2	0	0	0	0	0	0	0	0	0	+ 1	+ 1	+ 2	+ 4	+ 5	+ 5	+ 3	+ 1	654			
16	- 5	- 6	- 5	- 3	- 2	- 1	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 1	0	- 1	0	+ 2	+ 2	+ 3	+ 5	+ 5	+ 2	- 2	- 2	652			
17	- 4	- 3	- 2	0	0	0	0	+ 2	+ 3	+ 3	+ 2	+ 3	+ 3	+ 2	+ 3	+ 2	+ 2	0	0	+ 1	0	- 2	- 3	- 2	652			
18	- 5	- 5	- 5	- 4	- 1	+ 1	0	0	- 1	+ 1	+ 1	+ 1	+ 3	+ 3	+ 3	+ 2	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	0	+ 1	654			
19	+ 2	+ 1	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 1	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	- 1	- 3	- 3	- 5	653			
20	- 5	- 6	- 6	- 6	- 6	- 4	- 3	- 2	- 2	- 1	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 3	+ 2	+ 2	+ 2	+ 1	652			
21	0	0	0	- 2	- 3	- 3	- 4	- 3	- 3	- 2	- 1	+ 1	+ 2	+ 3	+ 3	+ 2	+ 2	+ 2	+ 3	+ 3	+ 2	+ 3	+ 2	+ 2	652			
22	- 4	- 7	- 4	- 1	- 2	- 3	- 3	- 2	- 2	- 2	0	+ 1	+ 2	+ 3	+ 4	+ 4	+ 4	+ 3	+ 1	+ 1	0	- 2	- 2	+ 1	654			
23	0	0	- 4	- 7	- 7	- 5	- 5	- 5	- 5	- 4	- 3	- 2	- 2	0	+ 2	+ 3	+ 4	+ 4	+ 6	+ 7	+ 7	+ 5	+ 7	+ 3	657			
24	- 2	0	+ 2	+ 3	+ 2	0	- 2	- 3	- 3	- 4	- 4	- 3	- 3	- 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 1	0	- 1	- 3	657			
25	0	0	- 1	- 1	- 1	0	- 1	- 1	- 3	- 3	- 3	- 2	- 1	- 1	0	+ 1	+ 2	+ 2	+ 1	+ 2	0	0	0	0	655			
26	+ 2	+ 1	0	0	- 1	- 3	- 3	- 2	- 2	- 3	- 3	- 1	+ 1	+ 2	+ 2	+ 4	+ 4	+ 4	+ 2	+ 2	- 1	- 4	- 5	- 6	653			
27	- 6	- 7	- 6	- 2	- 2	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 1	+ 2	+ 3	+ 4	+ 6	+ 4	+ 4	+ 2	- 1	- 3	653			
28	- 4	- 6	- 4	- 2	0	+ 1	0	0	- 2	- 4	- 2	- 1	+ 1	+ 1	+ 3	+ 3	+ 4	+ 4	+ 5	+ 6	+ 6	+ 4	- 2	- 9	651			
29	-11	-13	-13	- 9	- 5	- 3	- 1	0	0	0	0	- 1	- 1	- 1	0	+ 1	+ 3	+ 5	+ 7	+10	+ 9	+ 7	+ 5	+ 5	650			
30	- 4	- 8	-11	-12	-12	- 8	- 2	+ 1	+ 3	+ 4	+ 4	+ 3	+ 3	+ 5	+ 3	+ 3	+ 3	+ 5	+ 6	+ 6	+ 5	+ 1	0	- 4	654			
31	- 5	- 8	- 7	- 4	- 4	- 2	0	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 2	+ 1	+ 1	+ 1	+ 2	+ 3	+ 5	+ 3	+ 2	0	- 2	654			
MEAN.	- 3	- 4	- 4	- 3	- 3	- 2	- 2	- 1	- 1	- 1	0	0	+ 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 4	+ 3	+ 2	0	- 1	654			

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VERTICAL INTENSITY

G.M.T. (Z = 200000γ + Mean +....) August 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	- 3	- 2	- 4	- 4	- 4	- 4	- 4	- 2	- 1	0	+ 1	0	0	0	0	0	0	+ 1	+ 3	+ 5	+ 6	+ 3	0	0	654			
2	- 4	- 7	-10	-10	- 8	- 4	- 1	0	0	+ 1	+ 2	+ 5	+ 5	+ 4	+ 3	+ 2	+ 1	+ 1	+ 2	+ 3	+ 5	+ 5	+ 1	0	654			
3	0	0	- 3	- 3	- 3	- 4	- 3	- 2	- 1	0	0	+ 2	+ 2	+ 3	+ 3	+ 2	+ 2	+ 2	+ 2	+ 1	0	- 3	- 3	- 1	655			
4	+ 3	+ 5	+ 3	+ 1	0	- 2	- 3	- 4	- 3	- 2	+ 1	+ 1	+ 3	+ 3	+ 3	+ 3	+ 3	+ 2	+ 1	0	- 4	- 4	- 5	- 5	654			
5	- 4	- 4	- 4	- 2	- 1	- 2	- 3	- 1	- 1	+ 1	- 1	+ 1	+ 3	+ 4	+ 4	+ 3	+ 4	+ 4	+ 4	+ 2	- 1	- 1	- 3	- 5	654			
6	- 6	- 6	- 6	- 9	- 8	- 5	- 4	- 3	- 1	0	+ 1	+ 2	+ 3	+ 4	+ 5	+ 6	+ 6	+ 7	+ 7	+ 5	+ 5	+ 4	+ 4	0	656			
7	- 4	- 7	- 6	- 3	- 2	- 1	- 1	- 2	- 2	- 3	- 2	0	+ 2	+ 3	+ 3	+ 5	+ 4	+ 5	+ 5	+ 6	+ 3	- 2	- 6	- 5	658			
8	- 1	- 5	- 7	- 6	- 4	- 3	- 1	- 1	0	0	0	+ 1	+ 2	+ 3	+ 4	+ 5	+ 5	+ 6	+ 5	+ 5	+ 2	0	- 3	- 8	654			
9																												
10	- 8	- 8	- 6	- 4	- 3	- 3	- 2	- 2	- 1	- 1	- 1	- 1	- 1	0	0	+ 2	+ 2	+ 3	+ 4	+ 5	+ 4	+ 4	+ 3	+ 5	651			
11	+ 2	0	0	- 1	- 3	- 2	- 1	- 1	- 1	- 1	- 1	- 1	0	0	0	0	+ 2	+ 4	+ 5	+ 6	(+ 5	+ 1	- 2	- 3	651			
12	- 3	- 7	- 8	- 5	- 2	- 2	- 1	- 1	- 1	- 1	- 1	0	+ 1	+ 2	+ 2	+ 4	+ 4	+ 6	+ 7	+ 6	+ 2	+ 2	+ 1	- 1	649			
13	- 4	- 7	- 8	- 9	- 8	- 7	- 7	- 7	- 6	- 5	+ 1	0	+ 1	+ 2	+ 3	+ 4	+ 6	+ 7	+ 7	+10	+10	+ 8	+ 4	+ 1	650			
14	- 5	- 5	- 5	- 4	- 5	- 5	- 4	- 2	- 1	+ 1	+ 1	+ 1	+ 2	+ 1	+ 3	+ 4	+ 5	+ 6	+ 8	+ 8	+ 3	- 2	- 4	- 7	653			
15	-11	-10	- 7	- 4	- 4	- 4	- 1	0	0	- 1	+ 1	+ 1	+ 2	+ 2	+ 3	+ 3	+ 4	+ 4	+ 5	+ 7	+ 4	+ 1	0	- 2	652			
16	- 3	- 5	- 6	- 4	- 3	- 3	- 3	- 1	0	0	+ 2	+ 2	+ 3	+ 3	+ 2	+ 2	+ 2	+ 3	+ 4	+ 4	+ 2	0	- 1	- 1	652			
17	+ 2	0	- 1	- 3	- 3	- 2	- 1	- 1	0	0	0	+ 1	+ 1	+ 1	+ 1	0	0	+ 1	+ 2	+ 2	0	0	0	0	652			
18	- 3	- 4	- 3	0	- 2	- 3	- 2	0	0	+ 1	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 1	+ 1	+ 2	+ 2	0	- 2	- 2	- 5	651			
19	- 5	- 5	- 3	- 2	- 2	- 2	- 3	- 2	- 1	+ 1	+ 3	+ 4	+ 4	+ 5	+ 5	+ 5	+ 6	+ 5	+ 5	+ 4	0	- 4	- 7	- 9	649			
20	- 6	- 3	- 1	- 1	- 1	- 2	- 1	- 1	- 1	0	0	+ 2	+ 3	+ 4	+ 4	+ 4	+ 3	+ 3	+ 3	+ 3	0	- 2	- 2	- 1	650			
21	+ 1	- 1	- 4	- 4	- 4	- 3	- 3	- 3	- 2	- 1	+ 1	+ 1	+ 3	+ 5	+ 5	+ 6	+ 6	+ 5	+ 5	+ 5	+ 1	- 2	- 3	- 3	648			
22	- 2	- 1	- 1	- 1	- 2	- 2	- 1	- 1	- 2	- 1	- 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 2	+ 2	+ 2	0	0	- 2	- 4	- 6	651			
23	-11	- 9	-12	- 9	- 4	- 1	0	- 1	- 1	- 3	- 2	0	0	+ 3	+ 5	+ 6	+ 7	+ 7	+ 7	+ 6	+ 4	+ 2	+ 1	- 1	653			
24	- 4	- 4	- 2	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 2	+ 3	+ 4	+ 5	+ 6	+ 6	+ 4	+ 2	- 1	- 1	- 2	654			
25	- 5	- 5	- 6	- 6	- 5	- 3	- 2	0	0	0	- 2	- 2	- 2	0	+ 2	+ 3	+ 4	+ 5	+ 6	+ 5	+ 4	+ 3	0	- 2	656			
26	- 5	- 7	- 4	- 2	- 1	- 1	- 1	- 1	0	- 1	- 1	- 1	- 1	0	+ 1	+ 3	+ 4	+ 4	+ 4	+ 4	+ 3	+ 1	- 2	- 6	655			
27	- 7	-11	-12	-10	- 6	- 3	- 2	- 1	0	- 1	0	+ 1	+ 1	+ 1	+ 1	+ 2	+ 2	+ 4	+ 6	+ 6	+ 6	+ 6	+ 7	+ 5	652			
28	- 1	- 7	-21	-27	-17	- 8	- 3	- 1	+ 1	+ 3	+ 3	+ 3	+ 4	+ 4	+ 5	+ 7	+ 7	+ 8	+ 9	+ 9	+ 9	+ 9	+ 5	+ 1	655			
29	- 2	- 2	- 5	- 4	- 2	- 1	- 2	0	+ 2	+ 2	+ 3	+ 3	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 3	+ 3	+ 2	- 1	- 2	656			
30	- 6	- 8	- 6	- 2	- 2	- 2	- 2	- 2	- 1	0	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 3	+ 3	+ 2	- 2	- 3	656			
31	- 3	- 8	-10	-10	- 7	- 5	- 3	0	+ 1	+ 3	+ 3	+ 3	+ 5	+ 5	+ 5	+ 5	+ 4	+ 3	+ 3	+ 1	0	+ 1	+ 2	+ 2	653			
MEAN.	- 4	- 5	- 6	- 5	- 4	- 3	- 2	- 1	- 1	0	0	+ 1	+ 2	+ 2	+ 3	+ 3	+ 4	+ 4	+ 5	+ 4	+ 3	+ 1	- 1	- 2	653			

International Seismological Centre

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean +.....) September 1945.

DAY.	.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1		- 4	- 8	- 9	- 8	- 7	- 6	- 4	- 2	- 1	+ 1	+ 2	+ 2	+ 4	+ 4	+ 4	+ 4	+ 4	+ 3	+ 2	+ 2	+ 3	+ 2	+ 2	+ 1	654			
2		- 4	- 5	- 3	- 1	- 2	- 2	- 3	- 3	- 2	0	+ 1	+ 2	+ 3	+ 3	+ 5	+ 4	+ 3	+ 2	+ 1	0	+ 1	+ 1	0	- 3	656			
3		- 4	- 5	- 2	- 2	- 2	- 3	- 4	- 4	- 3	- 2	- 1	+ 1	+ 3	+ 4	+ 5	+ 6	+ 5	+ 5	+ 4	+ 2	0	- 3	- 4	- 2	655			
4		- 5	- 9	- 7	- 4	- 1	- 1	- 3	-11	-12	- 7	- 1	+ 3	+ 6	+ 7	+ 8	+ 9	+ 9	+ 8	+ 8	+ 5	+ 2	+ 1	- 2	- 4	655			
5		- 9	-12	-10	- 5	- 3	- 2	0	+ 1	+ 1	+ 1	+ 1	+ 3	+ 5	+ 6	+ 6	+ 7	+ 8	+ 6	+ 6	+ 5	+ 1	0	- 3	- 5	656			
6		- 5	- 5	- 4	- 2	- 2	- 2	- 1	- 1	- 1	- 1	+ 1	+ 1	+ 2	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	+ 1	- 1	- 3	658			
7		- 6	-10	- 9	- 6	- 4	- 3	- 2	- 2	- 1	- 1	- 1	- 1	0	+ 3	+ 3	+ 4	+ 4	+ 4	+ 5	+ 6	+ 5	+ 4	+ 2	- 1	658			
8		- 4	- 8	- 6	- 3	- 2	- 1	0	0	0	0	0	0	+ 1	+ 2	+ 3	+ 4	+ 4	+ 5	+ 5	+ 5	+ 3	0	- 6	- 9	658			
9		- 4	- 6	- 8	- 9	- 5	- 3	- 3	- 1	+ 1	+ 2	+ 3	+ 4	+ 4	+ 5	+ 6	+ 7	+ 7	+ 7	+ 8	+ 4	+ 2	- 1	- 6	- 8	653			
10		- 9	- 6	- 6	- 6	- 3	- 1	0	0	+ 1	+ 1	+ 1	0	0	+ 1	+ 2	+ 3	+ 3	+ 5	+ 6	+ 6	+ 3	0	- 1	- 3	655			
11																													
12																													
13		- 4	- 8	- 9	- 9	- 7	- 4	- 1	0	0	+ 1	+ 2	+ 2	+ 4	+ 4	+ 4	+ 4	+ 4	+ 5	+ 5	+ 4	+ 2	0	- 3	- 5	657			
14		- 6	- 9	-10	-10	- 6	- 4	- 1	0	+ 1	+ 2	+ 2	+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 4	+ 4	+ 3	+ 3	+ 3	0	- 1	654			
15		+ 1	+ 1	- 1	- 3	- 4	- 4	- 2	- 2	0	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	- 2	- 2	- 2	- 2	- 2	655			
16		+ 1	+ 1	+ 1	0	+ 1	0	0	+ 1	+ 1	+ 2	+ 2	+ 4	+ 3	+ 2	+ 2	+ 2	+ 2	0	- 1	- 3	- 6	- 7	- 6	- 7	654			
17		-12	-12	-13	-13	-11	- 8	- 6	- 3	0	+ 2	+ 2	+ 2	+ 6	+ 7	+ 7	+ 7	+ 6	+ 6	+ 6	+ 7	+ 6	+ 2	+ 2	+ 4	654			
18		+ 4	+ 3	0	+ 1	+ 2	+ 1	+ 1	0	+ 1	0	+ 3	+ 6	+ 4	+ 4	+ 4	+ 6	+ 4	0	+ 1	- 1	- 7	-11	-16	-17	657			
19		-11	- 7	- 4	- 2	- 1	- 1	+ 1	+ 2	+ 2	+ 2	+ 5	+ 5	+ 6	+ 7	+ 7	+ 7	+ 7	+ 6	+ 3	- 2	- 7	- 9	- 9	- 7	654			
20		- 7	- 5	- 4	- 3	- 2	- 3	- 2	- 2	- 2	- 1	+ 1	+ 3	+ 4	+ 5	+ 6	+ 7	+ 6	+ 5	+ 4	+ 2	- 1	- 2	- 5	- 8	657			
21		- 3	- 2	0	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 2	+ 3	+ 3	+ 4	+ 8	+ 9	+ 9	+ 9	+ 8	+ 6	0	- 5	-14	-20	-21	651			
22		-23	-17	-20	- 7	- 3	- 1	+ 1	+ 2	+ 1	+ 1	+ 1	+ 2	+ 3	+ 7	+ 7	+ 8	+ 8	+ 8	+ 6	+ 2	- 2	- 2	- 2	- 2	653			
23		- 4	- 4	- 5	- 6	- 4	- 1	0	- 1	- 1	- 1	- 1	- 1	0	+ 2	+ 4	+ 5	+ 6	+ 6	+ 5	+ 4	+ 2	- 1	- 5	- 6	655			
24		- 4	- 5	- 6	- 5	- 3	- 2	0	0	0	0	0	0	+ 1	+ 1	+ 2	+ 3	+ 5	+ 6	+ 6	+ 4	+ 1	0	- 4	- 8	654			
25		- 9	-10	- 9	- 5	- 3	- 1	+ 1	+ 3	+ 4	+ 3	0	0	0	0	+ 1	+ 1	+ 4	+ 5	+ 6	+ 5	+ 1	0	- 2	- 5	650			
26		-10	-10	-10	- 8	- 7	- 4	- 2	0	0	0	0	0	0	0	0	+ 1	+ 1	+ 3	+ 6	+ 7	+ 8	+ 7	+ 8	+ 8	653			
27		+ 5	- 2	- 4	- 7	- 7	- 5	- 2	+ 1	+ 2	+ 2	- 1	0	- 1	+ 1	+ 2	+ 2	+ 3	+ 2	+ 2	+ 4	+ 4	+ 2	+ 1	+ 4	652			
28		+ 3	+ 1	- 5	- 9	- 9	- 6	- 3	- 1	- 1	- 1	- 1	+ 1	+ 1	0	+ 1	+ 1	+ 1	+ 1	+ 3	+ 4	+ 6	+ 3	+ 9	+ 4	655			
29		0	- 1	- 3	- 3	- 3	- 3	- 3	- 3	- 1	0	0	+ 1	+ 2	+ 2	+ 2	+ 1	0	+ 1	+ 2	+ 1	+ 2	+ 5	+ 5	+ 5	653			
30		+ 4	0	- 4	- 4	- 3	- 2	- 3	- 5	- 4	0	+ 1	+ 2	+ 3	+ 4	+ 5	+ 5	+ 4	+ 2	+ 2	- 3	- 4	- 3	+ 2	+ 5	653			
31																													
MEAN.		- 5	- 6	- 6	- 5	- 4	- 2	- 1	- 1	0	0	+ 1	+ 2	+ 3	+ 4	+ 4	+ 5	+ 5	+ 4	+ 4	+ 3	+ 1	- 1	- 2	- 3	655			

International Seismological Centre

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean +.....) October 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	+ 5	- 1	- 2	- 3	- 3	- 3	- 3	- 2	- 1	0	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 2	+ 2	0	- 2	- 3	- 3	- 3	- 3	654			
2	+ 1	+ 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	+ 1	+ 3	+ 6	+ 6	+ 7	+ 7	+ 6	+ 3	- 1	- 7	- 9	-10	- 8	- 4	650			
3	- 4	- 5	- 5	- 4	- 4	- 4	- 4	- 3	- 1	0	+ 1	+ 3	+ 5	+ 6	+ 6	+ 6	+ 6	+ 4	0	- 2	- 2	- 2	- 2	- 2	651			
4	- 3	- 3	- 3	- 4	- 4	- 4	- 3	- 3	- 2	- 1	0	+ 1	+ 2	+ 4	+ 5	+ 5	+ 5	+ 4	+ 3	0	- 1	- 3	- 1	+ 1	651			
5	+ 2	+ 3	+ 2	0	- 1	- 2	- 3	- 4	- 4	- 5	- 5	- 2	0	+ 3	+ 4	+ 5	+ 7	+ 5	+ 3	+ 1	0	0	- 3	- 1	653			
6	+ 3	+ 4	+ 3	+ 3	0	- 1	- 1	- 1	- 1	- 1	- 1	+ 1	+ 2	+ 3	+ 4	+ 6	+ 6	+ 4	+ 3	+ 1	- 2	- 7	-12	-11	652			
7	- 7	- 5	- 4	- 2	- 2	0	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 4	+ 5	+ 6	+ 6	+ 7	+ 7	+ 5	+ 3	- 2	-10	-13	- 7	650			
8	- 3	- 1	0	- 3	- 1	- 1	- 1	- 1	0	+ 2	+ 2	+ 4	+ 4	+ 4	+ 7	+ 8	+ 8	+ 7	+ 5	+ 1	- 2	- 8	-13	-15	650			
9	-13	-13	-13	-11	- 9	- 7	- 3	0	+ 1	+ 1	+ 2	+ 4	+ 6	+ 6	+ 7	+ 8	+ 9	+ 9	+ 7	+ 6	+ 2	- 1	- 3	- 6	648			
10	- 9	- 9	- 7	- 5	- 4	- 2	0	0	+ 1	+ 2	+ 3	+ 3	+ 3	+ 3	+ 5	+ 5	+ 6	+ 6	+ 6	+ 3	0	- 4	- 5	- 5	649			
11	- 5	- 6	- 6	- 5	- 4	- 3	- 1	0	0	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 3	+ 3	+ 5	+ 5	+ 3	0	- 1	- 1	- 4	649			
12	- 2	- 4	- 2	- 1	- 1	- 2	- 1	+ 1	+ 4	+ 4	+ 1	- 1	- 2	- 1	+ 4	+ 3	+ 2	+ 2	+ 1	+ 1	- 1	- 1	+ 1	+ 1	645			
13	- 3	- 5	- 6	- 5	- 2	- 1	0	0	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 2	+ 1	- 3	- 6	- 8	- 5	649			
14	- 5	- 5	- 3	- 3	- 3	- 3	- 2	- 1	0	+ 2	+ 3	+ 3	+ 2	+ 3	+ 3	+ 3	+ 2	+ 1	0	- 2	- 3	- 1	0	+ 2	651			
15	+ 3	- 1	- 2	- 3	- 4	- 4	- 2	- 1	- 1	+ 1	+ 3	+ 4	+ 4	+ 4	+ 3	+ 3	+ 1	+ 1	0	0	+ 1	+ 1	+ 1	0	650			
16	- 2	- 3	- 2	- 3	- 5	- 5	- 5	- 5	- 3	- 1	0	+ 3	+ 6	+ 3	+ 2	+ 1	0	0	0	+ 1	+ 4	+ 6	+ 7	+ 7	651			
17	+ 4	+ 1	- 1	- 1	- 3	- 3	- 3	- 3	- 3	- 1	+ 1	+ 2	+ 2	+ 3	+ 4	+ 3	+ 3	+ 2	0	- 1	0	+ 1	+ 2	+ 2	651			
18	+ 1	- 2	- 5	- 7	- 7	- 5	- 3	0	0	+ 1	+ 1	+ 1	+ 2	+ 4	+ 4	+ 3	+ 2	+ 1	0	- 1	- 1	0	+ 3	+ 5	652			
19	+ 7	+ 5	+ 3	0	- 3	- 2	- 1	- 1	0	+ 1	+ 2	+ 2	+ 3	+ 5	+ 6	+ 6	+ 5	+ 3	- 3	- 8	-10	- 8	- 9	-11	650			
20	- 5	- 2	0	0	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 3	+ 5	+ 6	+ 8	+ 9	+ 9	+ 8	+ 6	0	- 7	-10	-12	-10	647			
21	- 2	+ 1	+ 3	+ 3	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 3	+ 5	+ 6	+ 6	+ 8	+ 8	+ 6	+ 1	- 3	- 9	-12	-12	- 7	646			
22	- 5	- 3	- 3	- 3	- 3	- 1	- 1	- 1	- 1	- 1	- 1	- 1	0	+ 2	+ 4	+ 4	+ 5	+ 5	+ 4	- 1	- 1	- 1	- 1	0	647			
23	- 1	- 1	+ 1	0	- 1	- 1	+ 1	+ 1	0	- 1	- 1	- 1	0	+ 1	+ 2	+ 4	+ 5	+ 6	0	- 1	- 2	- 1	- 3	+ 2	650			
24	+ 6	+ 4	- 2	- 6	- 4	- 2	0	+ 1	+ 4	+ 1	0	- 2	- 4	- 0	+ 6	+ 6	+ 9	+11	+ 3	- 3	- 5	- 6	- 9	- 7	646			
25	-15	-17	-12	-12	- 4	+ 2	+ 4	+ 4	+ 2	+ 3	0	- 2	- 3	0	+ 3	+ 4	+ 8	+ 8	+ 5	+ 5	+ 3	+ 3	+ 2	0	654			
26	- 2	- 7	-10	- 7	- 6	- 4	- 2	0	+ 1	+ 1	0	- 1	- 1	0	0	0	+ 1	+ 1	+ 2	+ 3	+ 4	+ 6	+ 9	+ 9	652			
27	+10	+ 9	+ 4	+ 1	0	0	0	0	+ 2	+ 2	+ 2	+ 2	+ 3	+ 3	+ 4	+ 4	+ 2	0	- 3	- 6	- 9	- 8	-11	-13	651			
28	-17	-18	-15	- 9	- 7	- 4	- 1	+ 2	+ 4	+ 6	+ 6	+ 7	+ 7	+ 7	+ 8	+ 7	+ 7	+ 6	+ 3	+ 1	- 3	- 4	- 3	+ 2	649			
29	+ 4	+ 3	0	- 4	- 5	- 5	- 4	- 2	0	+ 1	+ 1	+ 3	+ 4	+ 5	+ 5	+ 5	+ 3	+ 3	+ 1	- 1	- 4	- 4	- 4	- 5	650			
30	- 4	- 5	- 4	- 4	- 4	- 4	- 4	- 3	- 1	+ 1	+ 1	+ 2	+ 4	+ 6	+ 6	+ 4	+ 4	+ 2	0	- 1	- 3	- 1	0	+ 2	648			
31	+ 4	+ 2	- 1	- 3	- 3	- 3	- 1	- 1	0	+ 1	+ 2	+ 3	+ 4	+ 6	+ 6	+ 5	+ 4	+ 2	+ 1	- 1	- 3	- 4	- 4	- 4	648			
MEAN.	- 2	- 3	- 3	- 3	- 3	- 2	- 1	- 1	0	+ 1	+ 1	+ 2	+ 3	+ 4	+ 5	+ 5	+ 5	+ 4	+ 2	- 1	- 2	- 3	- 4	- 3	650			

International Seismological Centre

VERTICAL INTENSITY

G.M.T. (Z = 20000γ + Mean + ...) November 1945.

DAY.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1	- 3	- 2	0	0	- 2	- 2	- 2	- 2	- 1	0	+ 2	+ 3	+ 4	+ 5	+ 5	+ 5	+ 4	+ 3	- 2	- 5	- 5	- 3	0	+ 3	647			
2	+ 2	+ 2	+ 1	- 1	- 3	- 2	- 1	- 1	- 1	+ 1	+ 1	+ 2	+ 2	+ 2	+ 2	+ 2	+ 2	+ 1	- 1	- 4	- 4	- 1	0	+ 1	648			
3	+ 1	0	- 1	- 3	- 2	- 2	- 3	- 1	- 1	- 1	+ 1	+ 2	+ 2	+ 2	+ 3	+ 4	+ 2	+ 1	- 3	- 3	- 3	- 1	- 1	- 2	647			
4	- 1	- 2	- 2	- 2	- 2	- 2	- 1	- 1	- 1	0	+ 1	+ 1	+ 3	+ 6	+ 4	+ 5	+ 4	+ 4	+ 3	+ 1	- 1	- 5	- 7	-10	645			
5	-11	-11	-12	-11	- 8	- 3	- 1	0	+ 2	+ 2	+ 2	+ 2	+ 4	+ 5	+ 6	+ 7	+ 7	+ 7	+ 5	+ 4	+ 2	+ 2	0	- 1	644			
6	- 2	- 4	- 3	- 2	- 2	- 1	- 1	- 1	- 2	- 1	- 1	0	+ 1	+ 3	+ 4	+ 4	+ 5	+ 4	+ 3	+ 1	- 1	- 2	- 2	- 4	645			
7	- 3	- 5	- 3	- 1	+ 1	+ 2	+ 2	+ 4	+ 2	+ 2	+ 2	+ 2	+ 3	+ 4	+ 5	+ 6	+ 7	+ 6	+ 3	- 3	- 6	- 9	- 9	- 9	641			
8	-11	-12	-10	-10	- 7	- 3	0	+ 2	+ 4	+ 4	+ 4	+ 5	+ 5	+ 5	+ 6	+ 5	+ 4	+ 1	0	+ 2	+ 1	+ 2	+ 5	+10	638			
9	+ 4	+ 2	- 3	- 4	- 3	- 3	- 3	- 6	- 6	- 3	+ 1	- 1	+ 1	+ 4	+ 4	+ 4	+ 4	+ 6	+ 5	+(3	+ 2	+ 1	+ 1	+ 2)	646			
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24	- 5	- 5	- 5	- 5	- 5	- 5	- 4	- 2	- 1	- 1	0	- 2	- 2	- 2	- 2	- 2	- 2	0	0	+ 3	+ 6	+10	+12	+14	644			
25	+ 9	+ 3	- 1	- 2	- 4	- 4	- 1	0	+ 1	+ 1	+ 1	0	+ 1	+ 1	0	- 1	0	- 1	- 1	- 1	- 2	- 2	+ 2	+ 3	645			
26	+ 3	0	- 2	- 5	- 7	- 6	- 3	- 2	0	+ 2	+ 2	+ 3	+ 3	+ 3	+ 3	+ 2	+ 2	0	- 3	- 6	- 5	- 2	+ 3	+ 7	645			
27	+ 5	+ 3	+ 1	- 2	- 2	- 3	- 3	- 3	- 2	- 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	+ 1	0	- 2	- 3	- 2	- 1	- 1	+ 1	646			
28	0	- 2	- 3	- 4	- 4	- 4	- 2	0	+ 1	+ 2	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 1	0	0	- 2	- 1	- 1	0	- 2	642			
29	+ 2	+ 3	0	- 1	0	- 2	- 3	- 2	- 1	+ 1	+ 2	+ 3	+ 5	+ 6	+ 7	+ 6	+ 5	+ 1	- 3	- 5	- 6	- 6	- 7	- 7	637			
30	- 6	- 8	- 8	- 6	- 5	- 3	- 1	0	0	+ 2	+ 2	+ 4	+ 4	+ 6	+ 6	+ 6	+ 5	+ 2	- 2	- 6	- 8	- 2	+ 4	+ 7	636			
31																												
MEAN.	- 1	- 2	- 3	- 4	- 3	- 3	- 2	- 1	0	+ 1	+ 1	+ 2	+ 3	+ 3	+ 4	+ 4	+ 3	+ 2	0	- 2	- 2	- 1	0	+ 1	643			

International Seismological Centre

December 1945.

VERTICAL INTENSITY (Z = 20000γ + Mean + ...)

DAY.	G.M.T.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.	Maximum. H. M. γ	Minimum. H. M. γ	Range.
1		2	1	-2	-4	-4	-3	-4	-3	-2	-1	-1	-1	+1	+2	+3	+3	+3	+1	0	-2	-3	+2	+1	-1	639			
2		+5	+2	-1	-5	-6	-5	-5	-2	-2	-1	+1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	637			
3		+9	+11	+7	+2	+2	0	0	+1	+1	0	+1	0	0	0	0	+1	+2	0	-3	-6	-6	0	0	-1	640			
4		+2	+7	-1	-5	-4	-3	-2	-2	-2	-2	-1	-1	+1	+2	+3	+4	+5	+2	0	-3	-4	+1	+1	-1	637			
5		-2	-1	-4	-6	-4	-5	-5	-5	-5	-5	-4	-1	+1	+1	+3	+3	+4	+2	-1	-4	-5	+1	+1	-1	640			
6		+4	+2	-1	-5	+3	+3	+2	+1	+1	0	+1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	640			
7		+5	+5	+1	-4	+1	-1	-2	-1	-1	-1	0	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	642			
8		-14	-12	-12	-7	-7	-5	-4	-2	-2	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	641			
9		+4	+1	-1	-3	-4	-3	-2	-1	-1	-1	0	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	637			
10		+1	-1	-4	-7	-6	-5	-4	-3	-2	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	640			
11		+2	+1	-1	-5	+3	-5	-3	-2	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	638			
12		+3	+1	-1	-4	+1	-1	-1	+1	+1	+1	+1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	638			
13		+5	+3	-1	-2	-1	-3	-1	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	636			
14		+8	+6	+1	-1	-3	-4	-2	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	644			
15		+8	+7	+2	-1	-5	-5	-2	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	642			
16		+6	+5	+2	-1	-4	-3	-1	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
17		+3	+2	+1	-1	-3	-2	-1	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	638			
18		+1	0	-1	-2	-2	-1	-1	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	642			
19		-1	-2	-3	-3	-3	-2	-2	-1	-1	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
20		-2	-3	-4	-4	-4	-3	-3	-2	-2	-1	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
21		-3	-4	-5	-5	-5	-4	-4	-3	-2	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
22		-3	-4	-5	-6	-5	-5	-4	-3	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
23		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
24		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
25		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
26		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
27		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
28		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
29		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
30		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
31		-3	-4	-5	-6	-6	-5	-4	-4	-3	-2	-1	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	643			
MEAN.		0	0	0	-2	-2	-3	-2	-1	-1	0	0	-1	+1	+1	+2	+2	+3	+1	-1	-4	-5	+1	+1	-1	640			

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Meteorological Report, 1945

Notes on Observations and Instruments

The observations comprise visual observations of the meteorological elements and the usual instruments; continuous autographic records of air temperature, pressure, humidity, rainfall, and the direction and velocity of the wind; registration of the duration of bright sunshine and general record of occasional phenomena.

The surface observations were made regularly at 1.0 a.m., 7.0 a.m., 9.0 a.m., 1.0 p.m., 3.0 p.m., 7.0 p.m. Only the 9.0 a.m., and the 3.0 p.m. observations, which continue the series for climatological purposes, are published in this report. Noon readings were taken daily except Sunday to provide an additional check on the self recording instruments while the other four remaining times were for synoptic purposes.

Cloud.

The observations of cloud form were made in accordance with international classification, the abridged edition (1932) of the International Atlas being used as a guide. Some additions have been made to the usual abbreviations for cloud forms. Fractostratus and Fractocumulus have been entered as Fs and Fc respectively. Further, the medium cloud sheet which sometimes has the appearance of Ac with parts like As, or As with parts like Ac, has been entered in the tables as Ac-As.

The amount of sky covered with cloud is estimated and recorded in tenths.

Weather and the State of Sky.

The weather and the state of sky have been described by the use the Beaufort letters and the addition of a few other symbols having the following meanings.

A capital letter indicates "intense"
The suffix ° indicates "slight"
A letter repeated indicates "continuous"
The letter "i" indicates "intermittent"
The letter "j" indicates "within sight but not at station"
An oblique dash indicates "within the preceding hour"

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Visibility.

The method of determining visibility is, as nearly as possible, in accordance with that described in the Meteorological Observer's Handbook, 1939, page 58. The reference points used are the same as fully described in the 1944 report.

Wind.

The wind speed and direction have been measured as in former years by means of a Dines pressure tube anemometer. The vane is at a height of 80 feet above the ground to avoid the sheltering effect of the trees.

Pressure.

The standard barometer in use is a Kew pattern station model instrument, G 3939. The corrections for temperature, gravity, and reduction to mean sea level are made by means of a correction card computed at the Observatory. For the range of pressure recorded the instrument has no index error.

A continuous record of pressure was obtained from a barograph, Grand Model No. 102030, made by Jules Richard of Paris. The barograms were scaled to exact hours of zone time, the readings being instantaneous values at those hours, and suitable corrections were applied. The corrections were known at the times of the control readings, (seven per day) and it was assumed that the corrections were linear during the interval between control readings.

Temperature.

The standard themometer, Fuess No. 652, the maximum and minimum, as well as, the wet and dry bulb thermometers are exposed in a Stevenson screen which differs from the standard pattern. The screen, which has been in use for many years, has the added protection of a thatched shelter and two louvered walls.

The minimum temperature on the grass was recorded by a spirit thermometer, set on two small wooden pegs, with its bulb at a height of one or two inches above the ground. This thermometer is read at 9.0 a.m. and set early in the evening. The maximum and minimum thermometers are read and set at 9.0 a.m. each day. The entries in the tables in this report are made in such a way that the readings at 9.0 a.m. of the maximum temperature are credited to the preceding day while mini-

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mum readings are credited to the day on which they are read.

The thermograph was exposed in a Stevenson screen of standard pattern. The thermograms were scaled in a similar fashion to the barograms.

Humidity.

The humidity of the air has been derived from the readings of the wet and dry bulb thermometers using tables which were computed at the Observatory. The tables are based on the formula used by the British Meteorological Office, which converted to degrees centigrade, is:-

$$x=f-0.000799\,(t-t')p$$

Where:
- x= vapour pressure corresponding to given readings from the wet and dry bulb thermometers.
- f= saturation vapour pressure at the temperature of the wet bulb. (Smithsonian Tables.)
- t= temperature of the dry bulb in degrees centigrade.
- t'= temperature of the wet bulb in degrees centigrade.
- p= pressure of the atmosphere.

The tables were based on a pressure of 1010 millibars so the formula reduced to:-

$$x=f-0.807\,(t-t').$$

A continuous record of humidity was also obtained from a hair hygrograph which was exposed in the Stevenson screen with the thermograph. The chart is changed once a week and instantaneous values are read from the chart at exact even hours of zone time. Corrections are applied for all differences from the control readings of the wet and dry bulb thermometers.

Rain.

A self recording rain gauge, Dines tilting syphon pattern M.O. 28/37, was in operation throughout the year. The diameter of the collecting rin is 11.31 inches and the height of the rim above the ground is 28 inches. The records of this gauge are controlled by means of the standard gauge.

The standard gauge, which was constructed by Fuess,

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has a rim 15.95 centimetres in diameter. Its height above the ground is 65 centimetres (25⅝ inches). The rain collected in the inner vessel is measured by means of a glass cylinder, at 9.0 a.m., each measurement being credited to the previous day in the tables.

Another gauge, of the pattern used by the Meteorological Office, London, is used as a check on the older German gauges. In order to avoid loss of records during torrential downpours measurements are also obtained from a tropical Fuess rain gauge which has a very large internal capacity.

The rain gauges are placed in an open grass plot and are free from shielding.

Sunshine.

The sunshine recorder, M.O. 265, was mounted on a wooden platform near the sea. The exposure is good, the loss of record being negligible.

Evaporation.

The instrument in use to measure evaporation is a Piche evaporimeter which is exposed in a small Stevenson screen. It consists of a graduated tube which is filled with water and hangs mouth down. Evaporation takes place from a small disc of absorbent paper which is clamped over the mouth of the tube and the fall of the level of the water inside the tube is measured. The effective area for evaporation is approximately 12.5 square centimetres. The volume of water evaporated has been divided by the exposed area of the paper disc to give the equivalent depth of water evaporated and the depth has been expressed in millimetres and tenths in the tables and credited to the previous day.

Miscellaneous Notes.

Non-cyclic change:

In the tables of diurnal change of temperature and pressure the departures from the mean of the day have been adjusted for non-cyclic change. The following formula which is applicable when the period under consideration is a continuous series of consecutive days was employed:-

$$N = \frac{1}{R}\left(a - {}_{R_{24}}a_{1}\right)$$

Where:

${}_{1}a_{\circ}$ = the value of the element at the first midnight of the first day.

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R^{a}_{24} = the value of the element on the second midnight of the last day.

R = the number of days used for the computation.

Time:

The time standard used for all meteorological tables is that of the meridan 165° west of Greenwich. (i.e. Zone time, which is 11 hours slow on Greenwich time.)

Seasons:

In the tables where seasonal means are given for the wet and dry Seasons the means have been derived from the following groups of months:-

Wet Season - November 1944 to February 1945 (inclusive)
Dry Season - May 1945 to August 1945 (inclusive)

Normals:

The normal values of Temperature, Pressure and Rainfall used in this report are taken over the period 1890-1945, while the normals for Sunshine cover the period 1924-1945.

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Meteorological Instruments in use during 1945.

Anemometer: Dines pressure tube No. 233 supplied by R.W. Munro of London, 1933. The vane is 80 feet above the ground.

Barograph: Grand Model No. 102030 made by Jules Richard of Paris.

Barometer: Kew pattern, station model, mercury barometer, number G. 3939.

Evaporimeter: Piche'.

Hygrograph: Casella No. 1141 (M.O. 195/32).

Raingauges:
(i) Casella No. 1593/32 M.O.
(ii) Fuess Standard gauge.
(iii) Dines Tilting Syphon Rain-gauge M.O. 28/37.
(iv) Tropical size gauge for exceptional precipitation.

Sunshine Recorder:
Campbell Stokes pattern by J. Hicks, London, M.O. 265/30; sphere M.O. 355/30.

Thermograph: Short and Mason No. D. 19641.

Thermometers: Grass minimum, Negretti and Zambra No. 61521/40.

(In screen):

Dry Bulb,	Calderara	No. 34490.
Wet Bulb,	Calderara	No. 34491.
Maximum,	Casella	No. 17250.
Minimum,	Calderara	No. 34686.
Standard,	Fuess	No. 652.

Synoptic Meteorology in the South West Pacific Region.

The Observatory carried out a programme of synoptic meteorology under the direction of the Director of Meteorological Services, Air Department, Wellington, New Zealand; the scope of this work included the Transmission of three weather collectives daily and the supervision of a number of outlying stations.

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NOTES ON THE WEATHER 1945

January

The month was somewhat drier and warmer than is usual in January with wet periods in the 2nd and 4th weeks. The mean pressure was 1009.1 millibars compared with the normal value of 1007.6 millibars while the mean temperature of 80.11°F was 0.82°F higher than normal. There were five thunderstorms recorded during Januaary.

The temperature ranged from 88.2°F on the 2nd to 70.7°F on the 1st. The predominant wind was easterly and a gust of 39 m.p.h. was recorded from ENE on the 20th. The rainfall of 10.46" represented a departure of -7.46" and occurred on 18 rain days.

There was considerable activity shown by the intertropical front in the vicinity of Samoa during January. After four days of weak easterly gradient the winds north of Samoa swung north and a well marked zone of convergence appeared with associated bad weather. This passed south on the 8th and began to disintegrate. Convergence reappeared near Tokelau Islands on the 13th and the cycle was repeated, northerly winds setting in at Samoa on the 15th. The gradient remained weak and variable until the 19th when a trough developed with the axis extending from Samoa to Rarotonga. An unstable north-easterly current persisted until the 23rd when it turned north-west bringing a belt of bad weather in the Fiji-Tonga area. Conditions weakened again on the 26th until the last two days of the month when the intertropical front lay to the south, with a weak low south of Rarotonga and local north-west winds.

February

Frequent showers and squalls characterized February which was on the whole a typical wet season month. A period of fresh to strong northerly winds with showers was experienced from the 15th to the 17th when a tropical storm passed well south of Samoa.

The minimum temperature of 73.2°F occurred on the 25th while the maximum 87.8°F, was registered on the 28th. The wind reached 42 m.p.h. in a gust from the NW at 1.00 p.m. on the 16th, and a rainfall of 13.65" occurred on 23 rain days. The prevailing wind, which was recorded on 22% of the 3-hourly observations was from the south.

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The intertropical front remained to the south for the first four days with light NW winds near Samoa. It moved north for a short period on the 5th. but returned again and on the 7th a weak low formed near Niuafo'ou. This remained on the charts until the 13th when a new centre began to deepen north of Fiji. The pressure had dropped to 1002 m.b. by the 16th after which it deepened rapidly to 990 m.b. and moved SE between Keppel and Vavau. Force 8 winds were recorded for a short time in Apia on the 16th but Samoa did not experience the main force of the storm. A weak variable gradient was in evidence from the 20th to the 23rd but on the 24th the intertropical front reformed to the south and passed over Samoa bringing in 2.63" of rain followed by a sharp improvement in conditions which lasted until the end of the month.

March.

The weather in March was changeable and showery with a period of rain and squalls in the middle of the month during which some 9" of rain fell in 5 days. The mean pressure was 1 m.b. higher than normal.

The temperature lay between extremes of 72.5°F and 87.8°F, the former occurring on the 8th and the latter on the 1st, 25th and 26th. The mean temperature of 80.40°F displayed a departure of +1.04°F while 24 days of rain yielded a fall of 13.67", a figure close to the normal for March. The prevailing wind was easterly and a gust reached 46 m.p.h. from ESE at 8.30 a.m. on the 18th.

At the beginning of March the synoptic charts showed a trough extending from Samoa to Rarotonga with associated convergence and bad weather. This passed to the south and weather improved locally while remaining unpleasant in Tonga and Fiji. The pressure field broke down on the 8th to a moderate easterly gradient in the local area. A trough moving from the west brought two days of showers on the 11th and 12th, and from the 16th to the 20th a moderate depression centred south of Santo gave the winds aloft a northerly component which encouraged squally conditions. The ten days following the 21st showed little activity in the area over which a moderate easterly gradient held control. A weak low appeared near Rarotonga on the last day of the month.

April

April was changeable and showery with fairly frequent squalls particularly during the middle fortnight.

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Distant lightning was noted on 5 days and thunder occurred twice while only 5 days had less than 3 hours sunshine.

The highest temperature was recorded on the 6th with 89.6°F while the lowest reached was 73.2°F on the 9th. The mean temperature of 79.12°F was 1.04°F higher than normal for April. Rain fell on 22 days with a total of 8.57". A gust of 44 m.p.h. occurred at 1.20 p.m. on the 11th blowing from the NW, while the prevailing wind was easterly.

On the 3rd of April a front developed well south of Samoa and aided by local NW winds developed a small depression which passed off SE on the 5th. Northerly winds strengthened in Tokelau Islands on the 8th and created a frontal system extending from Samoa to Rarotonga in a well marked trough of low pressure. On the 12th the pressure fell rapidly south of Palmerston and a small cyclone moved off to the SE. The easterly airflow which covered the area was disturbed by a weak westerly trough on the 16th but remained prominent until the 20th. On the 21st a wide belt of bad weather associated with convergence extended over Tonga-Fiji-Rotuma-Apia. The pressure fell on the 23rd and a shallow low formed which moved off to the ESE. The associated cold front passed Samoa on the 27th leaving somewhat better conditions for the remainder of the month.

<u>May</u>

The weather for the first fortnight was dull with rain and frequent showers. The rest of the month was more settled except for three days following the 20th and the last two days of the month. Several squalls occurred on the 30th and 31st accompanied by moderate rain.

The maximum temperature was reached on the 29th with a reading of 87.3°F while the minimum of 70.3°F was recorded on the 19th. The normal trade winds failed to appear and the mean wind speed was only 3.9 m.p.h. although 34 m.p.h. was reached in a gust from ENE on the 22nd. The rainfall was some 2½" higher than the normal for May.

The synoptic charts for May disclosed the unseasonable fact that the intertropical front lay south of Apia for almost the whole month. A depression formed on it near Niuafo'ou on the 4th and after remaining stationary for

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two days moved ESE towards Rarotonga. The front behind it passed north over Samoa, on the 8th and returned again on the 10th, remaining south until the 20th when it receded northward and remained stationary in the neighbourhood of Samoa for 3 days. With a breakdown of the temperate anticyclone it passed south once more where it could be found associated with conditions of variable severity for the next week. On the last two days of May a moderate anticyclone forced the intertropical front north of Samoa and two days of rainy conditions were observed at Apia.

June

Except for the five days from June 15th to June 19th the weather was cloudy to overcast with rain or showers on 23 days. The total rainfall of 13.45" (compared with a normal figure of 5.11") was indeed the highest that has been recorded in June since observations were commenced in 1890. Other high totals include 12.36" in 1916, 11.73" in 1897 and 10.04" in 1924. The highest rainfall that has been recorded in any month is 59.57" in January 1939. In addition frequent squalls were observed during one of which on the 22nd the wind reached a speed of 48 m.p.h. from NE.

The temperature ranged from 71.2°F on the 23rd to 87.6°F on the 15th with a mean of 78.82°F. The sunshine total was 148 hours being only 70% of the normal for June.

For the first 15 days of June the intertropical front remained almost stationary in a line from Samoa to Rarotonga giving unsettled conditions locally. A depression which remained quasi-stationary near Raoul Island left the region near Samoa in a pressure col with light gradients from the 15th to the 19th. From the 20th until the end of the month the controlling pressure was the easterly gradient north of the temperate anticyclone but from the 22nd to the 29th a wide belt of altostratus associated with vertically developed cloud persisted in an area extending at least from Tonga to Tokelaus. This weather had no apparent pressure system to account for it, nor was the wind field consistently convergent.

July

Except for a period extending from the 14th to the 19th, the month of July was characterized by frequent light showers mainly in the early morning and the evening. Rain was observed on 23 days and the total of 5.10 inches was 1.86 inches higher than the normal for July.

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The highest temperature reached was 85.8°F recorded on the 4th while the lowest was 72.1°F on the 16th. The mean daily range was 10.4°F. The mean wind speed was 8.1 m.p.h. and the direction was mainly easterly. A gust which reached 36 m.p.h. was recorded from the NE at 3.20 p.m. on the 2nd. 249 hours of bright sunshine was experienced - 17 hours more than the normal.

The synoptic charts for July were marked by little activity in the neighbourhood of Samoa. From the 1st to the 15th a varying easterly gradient was broken only by occassional weak troughs moving toward the east. On the 16th a centre of low pressure formed south of New Caledonia deepening rapidly to 990 millibars and passing towards Norfolk. It remained quasi-stationary in this region until the 22nd when it began to fill in and move towards Cook Strait which was passed on the 24th. In the meantime the winds near Samoa acquired a northerly component and conditions became more unstable. On the 26th a cold front advanced over Fiji displaying a moderate to strong vorticity with associated bad weather. It continued to advance to within 100 miles of Samoa and became quasi-stationary although well defined until the end of the month.

August

The weather in Apia during August was cool and pleasant, altogether a typical dry season month, although the rainfall of 7.30 inches was some 3½ inches above the normal. It was however, well distributed throughout, having fallen on 16 rain days.

The temperature ranged from 68.0°F on the 16th to 86.2°F on the 17th the daily range on the 16th reaching 15.7°F. The prevailing easterly wind averaged 8.8 m.p.h. and a gust from that direction reached 37 m.p.h. at 5.20 p.m. on the 14th.

A well marked stationary front lay just south of Samoa at the beginning of the month and finally broke up on the 3rd. From that date until the 8th the principal feature of the chart was the moderate easterly gradient to the north of the temperate anticyclones. A col between two anticyclones advanced rather more to the north than usual, and the associated altostratus weather was observed in Samoa. The easterly gradient regained control on the 11th until a series of troughs which had passed over Fiji advanced further and a zone of bad weather extended in the line Samoa - Rarotonga remaining almost stationary from the 21st to the 25th. On the 31st a well-marked cold front having advanced rapidly over Fiji and Tonga was retarded about 100

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miles south of Samoa with unstable northerly conditions locally and a significant southerly wind shift south of the front.

September

The month was more than usually showery but as the rain fell for the most part in the early hours of the mornings, the weather during daylight hours was predominantly fair with two major fine periods from the 6th to the 9th and from the 23rd to the 27th. Winds as usual were mainly from an easterly quarter apart from the light southerlies at night.

The rainfall of 9.15 inches was almost double the normal and apart from 3 heavy falls was well distributed throughout the month. The sunshine total was the normal for September and included 20 days of more than 7 hours sunshine. The mean temperature of 78.8°F was only slightly above normal with a maximum of 86.0°F on the 3rd and 21st and a minimum of 71.2°F on the 24th.

For the first two weeks a series of anticyclones and troughs passed regularly to the south leaving Samoa in the easterly current of their northern fringe. During this period occasional weak troughs passed over the island. The distance between successive troughs grew until on 13th a single anticyclone extended from 150°E to 155°W. On the 14th a front moved on to Samoa from the north to give a 2 inch fall of rain. At the same time a low formed in the vicinity of Lord Howe Island and crossed New Zealand on the 19th, followed by another on the 24th. By the 25th there were 3 vigorous depressions in the Tasman Sea and another to the east of New Zealand with a stationary anticyclone centred SE of Rarotonga.

October

Weather for the first week was fair with a few showers and a light thunderstorm on the 3rd. A short period of intermittent rain followed and showery conditions prevailed until the 26th when a quasi-stationary trough brought 3.75 inches of rain in 2 days. The last few days of the month were more than usually showery with a number of thunderstorms and a 2 inch fall on the 31st.

The total rainfall of 10.43 inches was above normal and fell on 19 days although over 7 inches fell in the last week. Temperatures as a whole were somewhat higher than usual with a maximum of 87.8°F on 26th and

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30th and minimum of 72.1°F on the 6th.

A deep depression of 980 mbs. centred over Cook Strait on the 2nd. was the first of a series which formed in the Tasman Sea area during the month and moved off to the S or SE. Samoa remained in an easterly current to the north of these disturbances except during the passage of the troughs associated with the depressions.

November

The first 12 days of the month were unusually wet with only brief periods of sunshine. The remainder of the month was more like dry season weather with little rain and long hours of sunshine. Winds for the most part were light, averaging about 5 knots for the month.

Of the 18.37 inches of rain, over 14 inches fell on the first 11 days so that the rainfall for the latter half of the month was really below normal. In the first 12 days there were 6 days with under 3 hours sunshine but the total of 171 hours was only 16 hours below normal. A maximum temperature of 88.2°F was recorded on the 26th with a minimum of 71.2°F on the 12th.

An anticyclone centred over Norfolk Island remained stationary until the 4th when it split and one half moved slowly off to the east. Meanwhile a quasi-stationary trough remained just south of Samoa passing north on the 8th. Pressure remained low in the Samoa area until the 12th. A series of troughs passing to the south affected Samoa little except for a 2 inch fall of rain on the 26th.

December

December was on the whole, a warm dry month with many sunny days. The first portion of the month was particularly dry, there being only 2.33 inches of rain up to the 9th. Temperature and pressure were both above normal, while the total rainfall was considerably short of the mean. Easterly winds prevailed over the whole period, but at no time were particularly strong.

The intertropical front remained south of Samoa till the 8th giving a weak easterly gradient. There was little bad weather associated with the front as it passed northward, but on the 11th when the intertropical front again moved southwards, the weather at Samoa deteriorated rapidly. On the 15th a low formed on the intertropical front near Tonga and moved slowly to the SE giving associated bad weather in the Cook

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Islands before filling. The intertropical front reformed on the 19th and as it travelled to the North gave overcast and rainy conditions, with strong southerly upper winds at Apia. The intertropical front was not very vigorous at all during December and when it moved to the South again on the 29th, Apia experienced its greatest daily rainfall for the month of 1.39 inches.

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METEOROLOGICAL OBSERVATIONS.

9 a.m. JANUARY 1945.

Day of Month.	Cloud. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	At Time.	Visibility.	Wind. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cu	-	-	Tr.	Tr.	3000		bbc	b	M	CALM	0	1008.9	27.8	24.6	76	28.4			
2	Sc Cu	-	Ci	1	2	3000		bprobc	b	M	ESE	2	1008.1	28.9	24.9	71	28.3			
3	Cu Sc	Ac	-	Tr.	Tr.	2500		bcb	b	M	CALM	0	1007.0	28.0	22.2	59	22.1			
4	Cu Sc	Ac	Ci	1	2	3000		bcb	b	M	ESE	2	1008.9	28.3	23.7	67	25.6			
5	Cu	Ac	-	1	4	3000		bc	bc	M	ESE	1	1010.8	28.5	24.1	68	26.5			
6	Cu Cb	Ac	-	1	1	3000		cb	b	M	CALM	0	1010.5	28.5	24.7	72	28.1			
7	Cu	Ac	Ci	1	2	3000		bcrrlto	b	K	CALM	0	1009.3	28.2	24.8	75	28.6			
8	Cb Sc	Ac	-	4	6	3000		cplbcb	bc	M	E	2	1009.2	28.5	25.2	75	29.4			
9	Cu	As	-	1	10	1500		bcRRto	ororo	H	WSW	2	1012.2	24.1	22.5	87	26.0			
10	Cu	Ac As	-	1	7	3000		bcbc	bc	M	E	1	1011.1	27.0	25.0	84	30.1			
11	Cu	Ac	Ci	1	6	3000		opcbco	bc	M	E	2	1011.0	28.5	25.0	74	28.9			
12	Cu Cb	-	-	10	10	1500		cjpr	opr	K	NE	3	1009.9	25.6	23.9	86	28.3			
13	Cu Cb	Ac As	-	2	10	3000		cbcptl	cjpr	K	ESE	3	1009.8	24.7	23.0	86	26.7			
14	Cu	Ac	Cs Ci	Tr.	5	3000		cpoRq	bc	M	SW	1	1010.1	28.3	25.0	75	29.0			
15	Cu	Ac As	-	1	5	2500		bcpro	bc	K	SE	1	1010.3	28.4	25.3	77	29.8			
16	Cu	Ac	Ci	Tr.	1	1500		b	b	K	E	2	1009.9	29.2	25.3	72	29.1			
17	Cu	Ac	Ci	Tr.	Tr.	2500		b	b	K	ESE	2	1009.8	28.6	25.0	74	28.8			
18	Cu Cb	Ac As	Ci	4	8	2500		c	cjpr	K	E	3	1011.0	26.4	24.8	87	30.3			
19	Cu Sc	Ac As	-	2	9+	2000		oro	c/ro	K	NE	2	1009.8	28.2	25.2	77	29.7			
20	Cu Cb	Ac As	-	3	10	1500		o	o	K	ESE	4	1010.7	26.8	24.0	78	27.6			
21	Cu Sc	Ac	Ci	Tr.	Tr.	1500		b	b	K	SE	2	1011.4	27.7	24.3	74	27.7			
22	Cu Cb	-	-	4	4	2500		bbc	bcpro	M	ESE	3	1010.8	28.0	25.5	81	30.6			
23	Cu	Ac	Ci	Tr.	8	2500		corq	c	M	SE	1	1010.7	27.5	24.8	79	29.2			
24	Cu Cb	-	Ci	4	6	2500		coRqc	bc/p	M	ESE	2	1010.3	27.9	25.1	79	29.6			
25	Cb Cu	Ac	Ci	5	7	2500		bcbbc	bcpq	M	E	6	1009.8	28.2	25.2	77	29.7			
26	Cu Cb	-	Ci	2	6	3000		bcpr	bcjpr	K	E	4	1010.4	28.6	25.9	80	31.3			
27	Cu	-	Ci	2	4	3000		bbcprb	bc	M	E	4	1009.6	29.8	26.0	73	30.6			
28	Cu	-	Ci	1	1	3000		bcb	b	M	E	1	1009.7	29.0	24.9	70	28.2			
29	Cb Cu	-	-	2	2	3000		bc	bjpr	K	NE	4	1009.4	28.4	25.3	77	29.8			
30	Cu	-	Cs	3	8	3000		bcc	c	K	CALM	0	1010.0	28.8	25.4	75	29.7			
31	Cu Cb	As	-	3	10	1000		orro	ojpr	K	WNW	4	1012.2	25.9	23.8	83	27.8			
Means	-	-	-	1.9	5.0	2500		-	-	-	-	2.1	1010.1	27.8	24.7	76	28.6			

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METEOROLOGICAL OBSERVATIONS.

3 p.m. JANUARY 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed : Height Ratio.
1	Cu Fs	As	-	5	7	1500		b	bc	M	CALM	0	1006.5	28.3	24.7	73	28.2			
2	Cu Sc	-	Ci	2	2	3000		bbc	b	M	NE	2	1005.6	29.3	23.9	62	25.3			
3	Cu	Ac	-	3	3	3000		b	bc	M	E	3	1004.7	29.0	23.1	59	23.5			
4	Sc Cu	Ac	-	1	6	3000		bc	bc	K	ESE	3	1007.1	29.7	25.3	69	28.7			
5	Sc Cb	Ac As	-	6	9	1000		bcc	cjpr	K	ESE	1	1008.8	28.8	24.0	66	26.0			
6	Cu Cb	Ac	-	4	4	1500		bbc	bc	K	ENE	3	1007.9	29.5	25.7	73	30.0			
7	Cu Cb	-	-	9+	9+	1000		b	cprot	K	SSE	3	1007.5	26.9	25.2	87	30.7			
8	Cu Sc	Ac	Ci	4	5	1500		bc	bcjpr	K	N	4	1007.4	27.5	25.8	87	31.9			
9	Cu	Ac	-	Tr.	Tr.	3500		ororobc	b	M	CALM	0	1009.3	29.2	24.3	65	26.5			
10	Cu Cb	Ac	-	8	10	1500		bc	opro	H	ESE	3	1009.3	25.5	24.3	90	29.4			
11	Cu Cb	Ac	Ci	2	8	3000		cjpr	cjpr	M	E	3	1008.0	30.1	26.0	71	30.3			
12	Sc Cu	Ac As	-	5	9+	1500		cjpr	cjpr	M	E	4	1007.7	29.7	26.2	75	31.2			
13	Sc	Ac As	-	3	10	3500		ojpr	ojpr	K	CALM	0	1007.9	25.7	24.4	89	29.5			
14	Cu Cb	-	Ci	1	6	3500		bc	bcjpr	M	NE	2	1008.6	29.9	25.2	67	28.3			
15	Cu	Ac As	Ci	1	5	2500		bc	bc	K	E	2	1007.9	30.0	25.7	70	29.6			
16	Cu	Ac	-	1	2	2500		b	b	K	E	3	1008.3	30.1	25.9	70	30.1			
17	Cu Sc	Ac As	Ci	1	8	2500		bc	c	M	ENE	3	1009.1	30.0	25.9	71	30.1			
18	Cu Cb	Ac As	-	3	10	2500		o	o	M	E	2	1009.0	28.2	25.0	76	29.1			
19	Cu Fs	As	-	8	10	1500		cro	oro	K	SE	2	1007.2	26.4	24.3	83	28.7			
20	Cu Sc	Ac As	-	Tr.	10	1500		oro	oro	K	ENE	3	1010.0	25.2	23.4	85	27.3			
21	Cu Sc	Ac	-	1	1	2500		b	b	K	E	4	1009.1	29.7	26.2	75	31.2			
22	Cu Cb	-	-	3	3	3000		bcpro	bcjpr	M	E	4	1008.4	30.0	25.9	71	30.1			
23	Cb Cu	Ac	Ci	6	9+	2000		cjpr	cjr	K	E	2	1009.6	29.0	25.6	75	30.1			
24	Cu	-	Ci	Tr.	6	3000		bc	bc	K	ENE	2	1009.0	29.4	25.1	69	28.4			
25	Cu Cb	-	Ci	3	4	2500		bcproq	bcjpr	M	E	5	1007.7	30.0	27.0	78	33.3			
26	Cu Sc	Ac	Ci	Tr.	Tr.	2500		b	b	K	E	4	1008.3	30.4	26.4	72	31.2			
27	Cb Cu	-	Ci	2	2	2500		bcbjpr	bjpr	M	E	5	1007.8	30.2	26.5	74	31.7			
28	Cu Cb	-	Ci	4	5	2000		bbcjpr	bcjpr	M	E	5	1007.8	30.6	27.0	75	32.8			
29	Cu	Ac	-	4	4	2500		bcjpr	bc	M	NNE	2	1007.5	29.6	26.0	74	30.7			
30	Sc Cu	As	Ci	4	9+	1500		cjpr	cjpr	M	NNW	2	1008.7	28.2	25.1	76	29.4			
31	Cu Sc	As	-	4	10	2500		oro	o	M	CALM	0	1011.2	30.3	26.0	70	30.2			
Means	-	-	-	3.2	6.1	2300		-	-	-	-	2.6	1008.2	28.9	25.3	74	29.5			

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METEOROLOGICAL OBSERVATIONS.

January 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	29.7	21.5	19.4		0.6	8.0		1.9
2	31.2	24.3	22.2		-	10.9		4.7
3	29.9	24.3	18.9		-	8.9		4.3
4	30.1	22.7	22.2		-	7.5		3.4
5	30.4	23.3	20.7		Trace	6.8		2.9
6	30.5	23.2	21.7		18.0	9.4		2.2
7	30.0	24.1	22.8		0.4	6.8		2.3
8	30.0	23.9	22.2		74.0	10.8		1.2
9	30.0	23.4	20.7		1.2	8.4		1.7
10	30.2	23.7	22.8		Trace	4.5		2.3
11	30.8	23.8	20.3		3.3	8.2		2.6
12	30.1	24.8	20.7		4.5	4.0		1.9
13	28.5	23.8	20.0		20.3	0.1		1.7
14	29.9	24.6	21.2		Trace	9.7		2.8
15	30.5	25.5	22.2		Trace	7.4		4.8
16	31.0	24.5	21.6		-	12.0		3.2
17	30.2	23.7	20.6		0.4	10.9		3.1
18	28.8	24.3	21.7		11.0	0.5		1.9
19	30.0	23.8	21.2		33.0	0.0		1.1
20	28.2	23.4	20.6		11.2	0.2		1.2
21	30.0	22.7	20.6		Trace	10.2		2.4
22	30.3	23.9	20.8		25.7	10.1		2.5
23	29.8	23.8	21.7		28.3	5.8		1.6
24	30.3	23.8	21.7		-	11.1		3.4
25	30.7	24.5	21.0		6.3	11.4		2.4
26	30.9	24.4	21.9		5.0	11.3		2.9
27	30.4	24.2	21.1		-	10.6		3.1
28	31.1	23.7	21.1		-	10.5		2.7
29	30.3	24.0	21.1		-	11.1		2.6
30	29.5	24.1	21.6		15.3	6.5		2.1
31	30.4	24.2	22.0		7.3	5.2		2.1
Total	-	-	-		265.8	238.8		79.0
Mean	30.1	23.9	21.2		-	7.7		2.5

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METEOROLOGICAL OBSERVATIONS.

9 a.m. FEBRUARY 1945.

Day of Month.	Cloud. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	At Time.	Visibility.	Wind. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cu	Ac	-	Tr.	Tr.	3000		ob	b	K	SE	2	1013.3	28.3	25.0	75	29.0			
2	Cu	Ac	-	1	1	3500		b	b	M	CALM	0	1013.6	29.1	25.3	72	29.2			
3	Cu	-	-	Tr.	Tr.	3500		bcb	b	M	CALM	0	1011.2	29.0	24.8	70	27.9			
4	Cu Sc	As	Ci	Tr.	8	2500		bcc	c	M	CALM	0	1009.4	28.0	25.3	80	30.1			
5	Cu	Ac As	-	Tr.	8	3000		cpcjpr	c	M	CALM	0	1009.8	27.1	25.0	83	30.0			
6	Cu	Ac	Ci	1	8	2500		cproc	c	M	E	1	1009.3	27.5	24.9	80	29.4			
7	Cb Sc	As	-	6	9+	3000		cpcjpr	c	K	NW	4	1008.8	26.9	25.0	85	30.2			
8	Cu	As	Ci	Tr.	8	3500		ojprc	c	M	CALM	0	1009.6	26.6	24.7	85	29.6			
9	Cu Cb	As Ac	Ci	2	6	2500		cjprc	bcjpr	H	SE	2	1009.8	26.1	24.3	86	28.9			
10	Cu Cb	Ac As	-	3	8	2500		cbc	cpro	K	N	2	1009.0	28.2	25.1	76	29.4			
11	Cu Cb	Ac As	Ci	2	5	3000		bcc	bcjpr	K	E	1	1009.6	28.0	26.0	85	32.0			
12	Cu Sc	As Ac	Ci Cs	1	9	3500		cproc	cjpr	M	CALM	0	1008.2	26.7	25.0	86	30.3			
13	Cu Cb	Ac	Ci	6	9	2500		oRRcp	cjpr	M	W	2	1008.0	26.3	24.6	86	29.6			
14	Cb Sc	As	-	7	10	2500		cprq	cprq	K	NW	5	1006.1	27.3	25.0	82	29.8			
15	Cb Fs	As	-	6	10	1000		corq	crorcq	J	NNW	4	1006.5	26.3	25.0	89	30.6			
16	Cb Sc	Ac As	Cs	3	9	2000		oircpr	cjr	K	N	6	1006.4	28.9	25.2	73	29.1			
17	Cb Sc	Ac As	Ci	4	9+	2000		oRqc	cjpr	K	N	4	1008.5	28.9	25.4	74	29.7			
18	Sc Cu	Ac	Ci	2	6	2500		cjpojp	bc	K	CALM	0	1008.7	28.1	25.5	80	30.6			
19	Cu Sc	Ac	Ci Cs	5	9+	2500		bcopr	cjpr	K	SSE	1	1009.8	27.5	25.5	85	31.0			
20	Cu	Ac	Ci Cs	3	8	3000		cjprbc	c	M	ESE	2	1011.8	28.2	25.0	76	29.1			
21	Cu	Ac	Ci Cs	2	6	2500		bcpr	bc	K	E	4	1011.7	28.2	25.3	78	29.9			
22	Cu	Ac	Ci Cs	2	7	2500		bcpr	bc	K	E	3	1011.2	28.8	26.1	80	31.7			
23	Cu	Ac As	Ci	3	9	2500		bccpr	cjp/p	K	SSW	2	1010.3	26.5	25.0	88	30.5			
24	Cb Sc	Ac	Ci	8	9+	1500		bjpcp	cjpr	H	SSW	1	1010.6	25.9	24.4	88	29.4			
25	Cu	Ac As	Ci	1	8	3000		bcoRRc	c	K	CALM	0	1011.0	28.1	24.6	74	28.1			
26	Cu	-	Ci Cs	Tr.	6	3000		bcpro	bc	M	ENE	1	1010.1	28.4	25.2	76	29.5			
27	Cu	Ac	Ci Cs	1	8	3000		ojprc	c	M	E	1	1010.0	29.0	24.8	70	27.9			
28	Cu	Ac As	Ci Cs	Tr.	10	3500		cjpro	o	M	WSW	1	1009.6	26.7	24.6	84	29.3			
29																				
30																				
31																				
Means	-	-	-	2.5	7.4	2700		-	-	-	-	1.7	1009.7	27.7	25.1	80	29.7			

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METEOROLOGICAL OBSERVATIONS.

3 p.m. FEBRUARY 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed : Height Ratio.
1	Cu	-	-	1	1	3000		b	b	M	E	1	1012.1	30.2	25.8	69	29.7			
2	Cu	-	Ci	2	4	2500		bbc	bc	M	CALM	0	1011.1	29.3	25.3	71	29.1			
3	Cu	Ac	Ci	2	5	2500		b	bc	M	CALM	0	1008.9	30.1	26.1	72	30.6			
4	Cu Sc	As Ac	-	1	8	2500		cpr	cpro	M	SE	1	1007.8	25.9	21.8	68	22.8			
5	Cu Cb	As Ac	-	6	9	2500		bcjpr	cpro	K	S	4	1008.1	25.0	24.0	92	29.1			
6	Cu Cb	As Ac	-	4	8	3000		cprojp	cjpr	K	NNW	4	1007.6	27.6	25.4	83	30.7			
7	Sc Cb	As	-	3	10	500		cjporr	ojpr	H	N	2	1007.6	25.6	24.2	89	29.1			
8	Sc Cb	Ac	-	4	8	2500		cjpr	cjpr	K	NNW	4	1007.6	27.8	25.5	83	30.8			
9	Cu	As Ac	Ci	1	8	3000		c	c	K	WNW	4	1007.3	28.9	25.0	72	28.5			
10	Cu	Ac	-	3	3	2500		bc	bc	M	NNW	3	1007.1	29.6	25.6	71	29.6			
11	Cu Cb	As Ac	-	2	9	2500		bcjprc	cjpr	K	ESE	1	1007.8	26.5	24.8	87	30.0			
12	Fs Cb	As	-	5	10	1000		corq	orr	H	WNW	2	1007.3	25.3	24.1	90	29.1			
13	Cb Sc	Ac As	Ci	5	9+	2500		cpro	cjpr	K	NW	5	1005.6	26.8	24.9	85	30.0			
14	Cb Sc	As	-	7	10	1500		coRq	cjr	K	N	1	1005.6	25.3	24.0	89	28.8			
15	Cb Sc	As	-	8	10	1500		orororqp	oprqq	K	NNW	5	1003.8	28.0	25.9	84	31.8			
16	Cb Sc	As	-	8	9+	1500		cprq	cjpqq	K	NW	7	1005.2	26.9	24.7	83	29.4			
17	Cb Sc	As Ac	Ci	5	9	2500		cjpr	cjpr	K	NW	2	1006.5	28.5	26.3	83	32.5			
18	Cu Cb	Ac	Ci	2	4	2500		bccjpr	bc	K	NE	1	1006.9	29.5	26.0	75	30.8			
19	Cu Sc	Ac As	Ci	1	8	3000		cjpr	cjpr	K	SE	2	1008.3	28.6	24.0	67	26.1			
20	Cu	Ac	Ci	2	7	3000		bcpro	bc	K	E	4	1009.2	30.2	26.0	71	30.3			
21	Cb Cu	Ac	-	1	1	3000		bcpro	b	K	E	2	1009.5	29.6	26.6	78	32.4			
22	Cb Cu	-	Ci	5	5	3000		bcpro	bc	K	E	3	1008.2	29.1	26.0	77	31.1			
23	Cu Sc	Ac	Ci	2	2	2500		bcjpr	bjpr	K	ENE	2	1007.6	29.2	26.1	77	31.3			
24	Cu Sc	Ac As	Ci	1	4	3000		cjpr	bc	M	CALM	0	1008.5	28.9	25.3	74	29.4			
25	Cu	Ac	Ci	2	3	3000		co	bc	M	NE	1	1009.4	29.8	25.0	66	27.8			
26	Cu	Ac	Ci	2	4	3000		bc	bc	M	ENE	1	1008.0	29.5	24.5	65	26.7			
27	Cu Sc	Ac	Ci Cs	3	9	2500		c	cjpr	M	ENE	3	1007.5	30.5	26.3	71	30.9			
28	Cb Cu	Ac As	Ci Cs	3	10	2500		c	ojpr	K	WSW	1	1007.4	27.3	25.7	87	31.8			
29																				
30																				
31																				
Means	-	-	-	3.3	6.7	2500		-	-	-	-	2.4	1007.8	28.2	25.2	78	29.6			

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International Seismological Centre

METEOROLOGICAL OBSERVATIONS.

February 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	30.3	23.2	20.3		-	11.5		2.8
2	29.9	23.8	21.6		-	8.0		2.6
3	30.2	23.5	21.1		-	8.7		2.3
4	30.0	24.7	22.6		1.7	6.3		2.3
5	29.9	24.5	21.8		5.1	3.6		2.2
6	30.0	23.8	21.1		2.5	6.8		2.5
7	27.2	25.1	22.7		52.0	0.9		0.5
8	30.1	23.9	21.7		0.7	5.3		2.5
9	29.5	24.5	21.9		0.9	4.7		3.2
10	29.9	24.2	21.8		3.1	9.7		2.7
11	29.3	24.9	22.2		0.7	4.8		1.7
12	29.4	24.7	22.5		62.1	0.2		1.2
13	28.4	23.3	22.3		7.9	3.2		1.9
14	27.7	24.9	22.2		33.4	0.8		0.3
15	29.0	24.1	22.4		14.1	0.2		2.8
16	29.5	25.3	22.4		19.1	5.3		2.3
17	29.6	24.1	23.2		2.3	5.8		2.6
18	29.9	24.8	22.3		20.6	7.2		2.2
19	30.2	24.7	22.8		19.1	5.3		1.9
20	30.3	24.5	22.3		6.4	9.8		3.2
21	30.8	24.7	22.2		8.0	8.5		1.0
22	30.5	24.1	22.0		7.4	5.8		2.3
23	30.5	24.6	21.7		12.0	7.4		1.5
24	29.6	24.7	21.8		66.7	6.3		1.4
25	30.2	22.9	20.7		0.7	11.0		2.2
26	30.0	24.2	21.9		-	10.7		2.7
27	30.8	24.2	22.0		-	9.1		2.6
28	31.0	23.3	20.4		0.2	5.4		2.3
29								
30								
31								
Total	-	-	-		346.7	172.3		59.7
Mean	29.8	24.3	21.9		-	6.2		2.1

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

9 a.m. MARCH 1945.

Day of Month.	CLOUD. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	WEATHER. At Time.	Visibility.	WIND. Direction.	WIND. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed : Height Ratio.
1	Cu	Ac	Ci Cs	4	7	3000		ojpr	bc	K	E	5	1009.2	29.5	25.9	74	30.6			
2	Cu Sc	As Ac	-	Tr.	10	2500		cjprpr	ojr	K	W	2	1011.4	25.2	24.2	92	29.4			
3	Cb Cu	Ac As	Ci Cs	2	7	3000		cjprqo	c/pro	M	S	1	1009.2	26.8	24.1	79	27.9			
4	Cu	Ac	Ci	2	7	3000		opro	bc	M	NE	2	1010.6	26.4	24.6	86	29.5			
5	Cu Fc	Ac	Cs	6	10	2500		bcjpr	cjpr	K	ESE	3	1010.7	27.0	24.9	84	29.8			
6	Cu	As	-	Tr.	10	1500		o	o	M	CALM	0	1011.3	26.9	25.0	85	30.2			
7	Cu	Ac	-	Tr.	8	2500		o	c	K	SE	2	1009.7	28.4	25.8	81	31.2			
8	Cu Sc	Ac As	-	Tr.	3	2500		o	bc	M	SSE	1	1009.7	25.8	23.2	79	26.4			
9	Cu Sc	Ac As	Ci	Tr.	8	2500		ojprpr	c	K	ESE	3	1011.1	27.6	25.0	80	29.6			
10	Cu Cb	Ac	Cs Ci	1	4	2500		bcPRbc	bc	K	ESE	3	1011.9	28.9	26.0	79	31.3			
11	Cu Cb	Ac	Ci Cs	Tr.	7	2500		b	bc	K	E	2	1010.5	29.4	25.9	75	30.6			
12	Fs	As	-	Tr.	10	1000		oRRq	oiR	K	SE	3	1011.8	23.5	21.0	79	22.9			
13	Fs Cb	As	-	3	9+	1500		cprPRqc	cpro	K	SSE	1	1011.6	23.6	22.8	93	27.1			
14	Cb Cu	Ac	Ci	2	2	2500		bcpr	bjpr	M	ESE	4	1010.2	28.8	25.5	76	30.0			
15	Cu Cb	As	Ci	1	2	2500		bcprbc	bjpr	M	ESE	1	1009.7	27.1	24.8	82	29.5			
16	Fs	As	-	4	10	1000		oRR	ororo	G	SSW	2	1011.6	23.9	23.3	95	28.1			
17	Cu Sc	Ac	Ci	3	3	2500		oRqRR	bcpro	K	ESE	3	1011.1	28.0	25.7	83	31.2			
18	Cu	-	-	3	3	3000		bcprbc	bc	K	SE	3	1012.0	28.5	25.3	76	29.7			
19	Cb Cu	-	Ci	3	3	3000		bbcpro	bcjpr	M	ESE	4	1012.5	28.8	25.9	78	31.1			
20	Cu Cb	Ac	Ci	1	2	3000		bcorqbc	bjpr	M	E	2	1012.6	28.5	26.0	81	31.6			
21	Cu Cb	Ac	Ci	1	2	3000		bbcproq	bjpr	M	E	2	1013.0	28.5	25.2	75	29.4			
22	Cb Cu	Ac	Ci	2	7	3000		bcpr	bcjpr	K	ESE	1	1014.1	28.0	25.4	80	30.4			
23	Cu Cb	As	-	5	10	1500		bcprq	oPRq	H	SE	3	1014.5	25.8	24.8	92	30.5			
24	Cu	Ac	Ci	1	2	3500		bcproq	b	M	ESE	2	1013.2	29.0	26.1	79	31.5			
25	Cu	-	-	2	2	3000		cprob	b	M	SSE	2	1012.2	28.3	25.2	77	29.6			
26	Cu Cb	Ac	-	2	2	3000		bjprbc	bcjpr	K	ESE	3	1011.5	28.8	25.8	78	30.8			
27	Cu	-	Ci	Tr.	Tr.	3500		bcbcjpr	b	M	ENE	3	1011.3	28.1	25.5	80	30.6			
28	Cu	-	Ci	1	2	2500		b	b	M	CALM	0	1010.0	28.5	24.9	73	28.6			
29	Cu	-	Ci	1	1	3500		cjpbcjp	b	M	ESE	2	1009.8	28.6	26.0	81	31.5			
30	Cu	Ac	-	2	2	3500		bcjprb	b	M	CALM	0	1011.3	27.2	24.2	77	27.8			
31	Cu	-	Ci	Tr.	Tr.	2500		bbc	b	M	CALM	0	1010.4	28.6	25.0	74	28.8			
Means	-	-	-	1.7	5.0	2600		-	-	-	-	2.1	1011.3	27.5	24.9	81	29.6			

International Seismological Centre

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

3 p.m. MARCH 1945.

Day of Month.	Cloud. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	At Time.	Visibility.	Wind. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cu Cb	Ac	Ci	5	9	2500		coqpr	cjpr	K	NNE	4	1007.7	28.9	26.2	80	31.9			
2	Cu Cb	Ac	Ci Cs	3	8	3000		c	c	K	N	1	1008.5	29.3	24.8	68	27.7			
3	Cb Sc	As Ac	Ci	6	10	2500		cjpr	cpro	K	SSW	3	1008.1	26.6	23.5	76	26.5			
4	Cu Cb	Ac	Ci	5	9+	3000		bc	cpro	M	NE	1	1008.1	28.6	25.6	78	30.4			
5	Cu	Ac	Cs	2	9	2500		c	c	K	E	1	1008.1	29.9	25.8	71	29.9			
6	Cu	As Ac	Ci	1	10	1500		cjpr	c	K	N	1	1008.0	29.0	25.3	73	29.3			
7	Cb Cu	Ac	Ci	1	8	2500		c	c	K	ESE	3	1007.2	29.0	24.5	68	27.1			
8	Cu Sc	Ac	Ci	Tr.	Tr.	2500		b	b	M	E	2	1007.8	30.0	26.0	72	30.4			
9	Cu Cb	Ac	Cs Ci	2	8	2500		c	c	K	E	3	1008.3	30.4	27.1	77	33.2			
10	Cu Cb	Ac	Cs	1	2	2500		bcpro	b	K	ENE	3	1009.6	29.8	26.0	73	30.6			
11	Cu Cb	Ac As	-	2	9	2500		bc	cpro	K	E	4	1008.3	27.6	25.7	85	31.5			
12	Cu Sc	As	-	2	9+	2500		oiRc	c	M	E	6	1007.9	28.7	25.5	76	30.1			
13	Cu Sc	As	Ci	3	6	2500		cproc	bc	M	E	4	1008.0	29.9	25.6	70	29.4			
14	Cu Cb	Ac	Ci	4	5	2500		bcprobc	bc	M	ENE	2	1007.4	28.2	25.3	78	29.9			
15	Cu Cb	-	Cs Ci	5	9	2000		cpro	cjpr	M	ENE	4	1006.8	29.1	25.9	77	30.9			
16	Fs	As	-	8	10	1500		oRRo	oiRq	H	NNE	5	1009.0	25.9	24.8	91	30.4			
17	Cu	Ac	Ci	1	3	2500		bcpr	bc	K	E	3	1008.9	29.9	27.0	79	33.3			
18	Cu	Ac	Ci	Tr.	Tr.	2000		bcpr	b	K	ENE	3	1009.2	29.5	26.6	79	32.5			
19	Cb Cu	-	Ci	3	3	2500		bcpr	bcjpr	M	E	4	1009.5	30.2	26.9	76	32.8			
20	Cb Cu	Ac	Ci	1	2	2500		bcjpr	bjpr	M	ENE	2	1009.4	29.8	26.6	77	32.3			
21	Cu Cb	Ac	Ci	3	5	2500		bjprbc	bcjpr	M	NE	2	1010.5	29.0	26.0	78	31.2			
22	Cb Cu	Ac	Ci	1	4	3000		bcjpr	bcjpr	M	E	2	1011.0	29.7	26.1	74	30.9			
23	Cu Cb	-	Ci	4	5	3000		cprbc	bcjpr	M	ESE	2	1011.7	30.0	26.2	73	31.0			
24	Cu Cb	-	Ci	3	6	2500		bcjpr	bcjpr	M	E	5	1010.4	30.3	27.0	77	33.0			
25	Cu Cb	-	Ci	2	2	3000		bbcjpr	bjpr	M	E	4	1008.9	29.9	26.6	76	32.2			
26	Cu	Ac	Ci	2	4	2500		bcjpr	bc	K	E	3	1009.2	30.8	26.9	73	32.3			
27	Cu Cb	Ac	Ci	2	2	2500		bjpr	b	M	ENE	2	1008.9	30.1	26.5	75	31.7			
28	Cu Cb	As	-	4	8	2500		b	cjpr	M	W	1	1007.6	28.4	25.5	78	30.3			
29	Cu Cb	As	-	3	3	2500		bbc	bcjpr	M	E	3	1008.1	30.4	26.4	72	31.2			
30	Cu	Ac	Ci	2	2	2500		bbc	b	M	ENE	3	1008.0	30.2	26.6	74	32.0			
31	Cu Cb	Ac	-	1	1	2500		b	b	M	E	2	1007.1	30.5	26.5	72	31.4			
Means	-	-	-	2.6	5.6	2500		-	-	-	-	2.8	1008.6	29.3	26.0	76	30.9			

International Seismological Centre

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METEOROLOGICAL OBSERVATIONS.

March 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	31.0	25.1	22.5		9.0	8.0		0.2
2	30.1	23.7	21.7		-	5.9		3.0
3	29.8	24.3	21.8		1.9	5.5		2.2
4	29.9	23.2	21.3		4.1	7.7		2.4
5	30.0	24.4	22.3		1.2	7.3		2.3
6	29.9	24.9	23.2		Trace	1.8		2.1
7	30.5	24.6	22.3		30.0	5.0		0.7
8	30.1	22.5	20.6		5.6	9.7		2.6
9	30.4	24.5	22.3		10.4	7.7		2.2
10	30.9	25.0	22.2		7.2	8.3		2.6
11	30.5	24.5	23.3		66.4	6.3		-
12	29.2	23.2	-		11.2	0.6		2.3
13	29.8	23.6	-		2.5	2.6		2.4
14	29.5	24.2	-		17.5	6.9		2.4
15	29.5	24.2	-		109.3	5.5		0.5
16	28.6	23.1	-		21.0	0.0		1.5
17	30.3	23.6	-		3.7	10.6		2.8
18	30.0	25.3	-		5.5	8.5		1.8
19	30.8	23.7	-		14.5	9.7		1.9
20	29.9	24.0	22.1		Trace	10.1		2.2
21	29.8	24.0	22.2		1.6	9.6		2.4
22	30.0	24.1	22.7		7.1	10.8		2.8
23	30.8	24.9	23.3		3.2	8.5		2.1
24	30.8	24.3	22.5		0.1	9.7		3.0
25	31.0	24.7	22.9		7.6	11.4		2.8
26	31.0	25.2	23.6		5.6	10.6		1.8
27	30.2	24.1	22.5		-	8.8		2.2
28	30.9	24.1	21.8		0.8	8.1		2.5
29	30.8	24.5	22.2		-	10.3		2.7
30	30.9	23.8	22.2		-	10.0		3.1
31	30.9	23.8	21.8		0.4	10.9		2.3
Total	-	-	-		347.4	236.4		65.8
Mean	30.3	24.2	22.3		-	7.6		2.2

1,000/7/32—3911] APIA OBSERVATORY. **METEOROLOGICAL OBSERVATIONS.** 9 a.m. APRIL 1945.

Day of Month.	CLOUD. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed : Height Ratio.
1	Cu	-	-	1	1	2500		b	b	M	CALM	0	1008.4	28.9	25.7	76	30.5			
2	Cu	-	Ci	Tr.	8	3000		bbcproc	c	M	CALM	0	1008.3	28.5	25.9	81	31.4			
3	Cu Sc	Ac As	Ci	1	8	2500		c	c	K	CALM	0	1008.9	26.0	24.9	91	30.6			
4	Cu Cb	Ac As	-	3	10	700		c	copr	K	NE	3	1010.6	26.0	25.2	93	31.4			
5	Cu	Ac	Ci Cs	1	8	2500		c	c	M	ESE	2	1012.4	28.4	25.0	75	29.0			
6	Cu Sc	Ac	Ci Cs	1	2	3000		b	b	M	CALM	0	1011.6	28.1	24.8	75	28.7			
7	Cu Sc	Ac	Cs	1	6	2500		c	bc	M	ESE	2	1010.5	27.8	24.0	72	26.8			
8	Cu Sc	As Ac	-	4	9	2500		bcopr	cjpr	M	ESE	1	1010.4	26.0	23.9	83	28.0			
9	Cu Sc	Ac As	Ci	1	6	2500		opr	bcjpr	K	CALM	0	1008.7	26.9	23.8	76	27.0			
10	Cu Sc	Ac As	-	3	10	1500		cjpr	c	K	NNW	1	1006.4	26.7	24.8	85	29.8			
11	Cu Sc	Ac As	-	Tr.	10	1500		cjproro	cjpr	K	S	1	1010.4	25.2	23.8	88	28.4			
12	Cu Sc	Ac As	-	2	10	1500		cjprpr	cpr	K	CALM	0	1013.1	24.9	24.0	92	29.1			
13	Cu Sc	Ac	Ci Cs	1	7	2500		cjpr	bc	M	SSW	1	1013.3	27.5	24.2	75	27.6			
14	Cu Sc	Ac	Ci Cs	1	7	2500		c	bc	M	ESE	2	1011.9	27.9	24.8	77	28.8			
15	Cu Cb	Ac	Ci Cs	2	7	2500		cjpr	bc	K	ESE	4	1010.4	28.9	25.9	78	31.0			
16	Cu Cb	Ac	Ci Cs	1	9+	2000		oprl	ojpr	K	ESE	3	1010.9	28.2	25.9	83	31.6			
17	Cu Cb	Ac	Ci Cs	1	9+	2500		opr	cjpr	K	E	2	1010.9	27.9	25.5	82	30.7			
18	Cu		-	2	2	2500		cbc	b	M	ESE	3	1010.4	28.5	25.8	80	31.1			
19	Cu Cb	Ac	Ci	2	9	2500		bbcproc	cjpr	K	E	2	1010.4	27.7	25.3	82	30.3			
20	Cu	Ac	Ci Cs	1	5	3000		coprq	bc	M	E	2	1009.8	28.9	25.8	77	30.7			
21	Cu Cb	As	Ci	3	10	2500		opbcjpr	ojpr	K	SSW	1	1009.0	26.0	24.9	91	30.6			
22	Cu	Ac As	Ci Cs	1	9+	3000		ojpr	c	M	NW	1	1009.8	27.7	25.6	84	31.2			
23	Cu Cb	Ac	-	7	7	2500		orr	bcjpr	K	SSW	1	1010.7	27.3	25.6	87	31.5			
24	Sc Cb	As	-	4	10	2500		orr	o/rr	K	SSW	1	1010.6	24.2	22.8	88	26.7			
25	Cu	Ac	Ci	Tr.	5	3000		c	bc	M	CALM	0	1010.9	27.4	25.2	83	30.3			
26	Cu	-	Ci	Tr.	1	3500		bcprb	b	M	ESE	1	1010.5	27.6	24.3	75	27.7			
27	Cu Sc	Ac	Ci	3	5	3000		bc	bcjpr	K	SE	1	1010.5	26.6	24.6	84	29.3			
28	Cu	-	Ci Cs	1	5	3000		bc	bc	M	ESE	3	1010.5	28.8	25.9	78	31.1			
29	Cu Fc	Ac	-	5	9	2500		bcpr	cpro	K	ENE	5	1010.0	28.5	26.0	81	31.6			
30	Cu	Ac As	-	2	8	2000		cPRc	c	K	ESE	1	1011.2	27.5	26.2	90	33.0			
31																				
Means	-	-	-	1.8	7.2	2500		-	-	-	-	1.5	1010.4	27.3	25.0	82	29.8			

International Seismological Centre

(1000 7-32—5011) APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

3 p.m. APRIL 1945.

Day of Month.	Cloud. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed ; Height Ratio.
1	Cu	-	Ci	1	4	2500		b	bc	M	N	1	1005.3	30.0	26.0	72	30.4			
2	Cu Cb	Ac	Ci	3	8	3000		c	c	M	WNW	2	1006.2	29.5	25.8	73	30.3			
3	Cu Cb	Ac As	-	1	9+	2500		cjpr	cjpr	K	W	2	1006.6	30.0	24.5	62	26.3			
4	Cu Sc	Ac As	Ci	1	9	2500		oprc	c	M	N	2	1009.7	28.5	25.0	74	28.9			
5	Cu	Ac	Ci	Tr.	2	3000		bc	b	M	E	2	1009.9	29.5	26.0	75	30.8			
6	Cu Sc	-	Ci	3	9+	3000		c	c	M	S	2	1009.4	31.7	25.4	59	27.4			
7	Cu	-	Ci	2	7	3000		bc	bc	M	E	2	1007.8	30.0	23.7	57	24.3			
8	Ns Cu	Ac As	-	6	10	1500		cjpr	opr	K	E	7	1007.2	27.1	24.0	76	27.4			
9	Cu Sc	As Ac	Cs Ci	3	8	2500		bcjpr	cjpr	K	NE	2	1005.1	28.4	25.7	80	30.9			
10	Cu Cb	As Ac	Cs	3	10	1500		c	cjpr	K	NNE	3	1005.3	28.5	25.2	75	29.4			
11	Cu Sc	Ac As	-	Tr.	10	1500		cjpcRq	cjpr	K	W	4	1009.1	26.6	24.1	81	28.0			
12	Cu Sc	Ac As	-	1	10	1500		cpr	cjpr	M	SW	1	1011.5	26.0	24.0	84	28.2			
13	Cu Cb	Ac	Ci Cs	2	9	2500		bc	cjpr	K	N	1	1009.9	29.5	25.3	70	28.9			
14	Cu Cb	Ac	-	2	8	2500		bc	cjpr	K	S	2	1009.3	27.9	25.0	78	29.4			
15	Cu Cb	Ac	Cs	2	6	2500		bcpr	bc	K	E	4	1008.0	30.1	27.2	79	33.8			
16	Cu Cb	Ac	Ci Cs	1	7	2500		cjpr	bc	K	E	4	1008.5	28.8	25.5	76	30.0			
17	Cu	As Ac	Cs Ci	2	9+	2500		c	c	K	E	3	1008.1	28.4	25.7	80	30.9			
18	Cu Cb	Ac	Ci	1	2	3000		b	b	M	E	3	1008.0	28.1	25.6	81	30.8			
19	Cu Cb	As Ac	Ci Cs	1	9+	3000		cjpr	c	M	ESE	3	1007.4	28.7	26.1	81	31.7			
20	Cb Cu	Ac	Ci	7	9+	1500		cjpr	cpr	K	E	2	1007.1	28.7	25.5	76	30.1			
21	Cu Sc	As Ac	-	3	10	2500		ojpr	o	K	NNW	4	1007.1	28.3	26.0	83	31.8			
22	Cu	Ac	Ci Cs	2	9+	3000		c	c	K	N	2	1007.6	29.4	26.1	76	31.2			
23	Cu Sc	Ac As	-	3	9	2000		bcpr	c	M	NNW	3	1007.2	28.3	26.1	83	32.1			
24	Cu Sc	As Ac	-	4	9+	2500		orr	c	K	CALM	0	1008.0	28.0	25.2	79	29.8			
25	Cb Cu	-	Ci	5	7	2000		bc	bc	K	NNE	1	1008.6	30.0	26.0	72	30.4			
26	Cu	-	Ci	1	1	3000		b	b	M	E	2	1007.9	29.9	26.3	74	31.3			
27	Cu	Ac	Ci	1	2	3000		bc	b	K	ESE	3	1008.3	29.5	26.6	79	32.5			
28	Cu	-	Ci	2	6	3000		bc	bc	M	E	4	1008.4	30.3	26.5	73	31.6			
29	Cu	Ac	Ci	3	9+	3000		cpro	c	K	ENE	2	1007.5	30.0	26.5	75	31.8			
30	Cu	Ac	Ci	1	2	2500		bc	bc	K	CALM	0	1009.2	30.2	25.8	69	29.7			
31																				
Means	-	-	-	2.2	7.6	2500		-	-	-	-	2.4	1008.0	29.0	25.4	75	30.0			

International Seismological Centre

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METEOROLOGICAL OBSERVATIONS.

April 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	30.2	24.7	22.8		Trace	11.2		2.6
2	29.8	25.2	23.4		1.9	9.7		2.3
3	30.1	24.9	22.8		8.4	3.5		2.9
4	29.1	24.2	-		4.5	5.9		2.9
5	30.2	23.6	21.8		-	11.0		2.6
6	32.0	24.5	21.4		-	8.0		3.1
7	31.5	24.2	22.3		0.3	7.8		3.9
8	30.2	24.0	22.0		15.9	4.1		2.9
9	29.0	22.9	21.4		2.1	5.3		2.7
10	30.1	24.2	23.3		11.6	1.0		2.2
11	28.2	23.2	22.9		21.1	0.8		1.4
12	27.8	23.4	24.5		3.2	0.9		1.3
13	29.8	23.8	21.7		6.2	6.5		1.8
14	29.9	23.5	21.4		-	5.9		1.8
15	30.3	23.1	21.2		6.8	9.5		2.2
16	30.0	24.8	22.8		4.1	6.9		2.5
17	30.0	25.5	22.8		1.3	4.3		1.7
18	30.4	23.8	21.2		Trace	9.9		1.5
19	30.3	23.8	21.6		15.7	7.4		1.8
20	29.9	24.4	22.1		18.4	7.5		1.7
21	28.8	24.7	22.9		7.1	0.1		1.4
22	30.0	24.8	22.7		15.1	7.6		2.3
23	29.5	25.5	23.2		25.3	3.9		1.1
24	28.6	23.6	22.2		-	0.4		1.1
25	30.4	24.1	22.2		4.3	7.5		1.9
26	30.2	23.2	21.0		-	10.4		2.1
27	30.2	23.8	21.8		35.3	8.7		1.0
28	30.5	23.6	22.2		2.0	8.6		2.8
29	30.5	25.3	22.8		7.2	5.7		3.3
30	31.0	25.1	23.3		-	8.0		1.6
31								
Total	-	-	-		217.8	188.0		64.4
Mean	29.9	24.2	22.3		-	6.3		2.1

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

9 a.m. MAY 1945.

Day of Month.	Cloud. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	At Time.	Visibility.	Wind. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cu	Ac As	Ci	Tr.	6	3000		bcc	bc	M	CALM	0	1011.7	27.0	25.0	84	30.1			
2	Cu	-	Ci	Tr.	9	3000		cjprc	c	M	E	2	1011.9	27.1	24.9	83	29.7			
3	Cu Cb	-	Ci	3	4	3000		cbc	bc	K	E	1	1011.3	28.4	25.5	78	30.3			
4	Cu Cb	Ac	Ci	4	4	2500		c	bcjpr	K	ENE	1	1008.2	29.0	26.0	78	31.2			
5	Cu	Ac	Ci	2	6	2500		ororoc	bc	M	CALM	0	1009.5	27.5	25.5	85	31.0			
6	Cu Cb	As	-	2	9+	1500		oiropro	cjpr	H	S	1	1009.5	26.0	25.0	92	30.9			
7	Cb Sc	As	-	3	10	1000		orc	opro	L	SSW	2	1010.4	25.3	24.0	89	28.8			
8	Cb Sc	Ac As	Cs	4	9+	2500		corcjpr	cjpr	M	CALM	0	1011.5	26.9	24.7	83	29.4			
9	Cb Sc	As	-	2	10	1500		cprobcc	opro	J	E	3	1011.4	26.6	24.0	80	27.8			
10	Cu Cb	Ac	Ci	1	7	3000		oircpro	bcjpr	M	CALM	0	1011.1	27.1	25.0	84	30.0			
11	Cu Sc	Ac As	Ci Cs	1	6	3000		cbcpro	bcjpr	M	CALM	0	1011.1	27.2	25.2	84	30.5			
12	Cu Sc	Ac	Ci	3	7	2500		ciroPR	bcjpr	M	W	1	1011.3	27.1	25.1	84	30.3			
13	Cb Sc	Ns Ac	Ci	3	9+	2500		cpr	cjpr	M	CALM	0	1011.9	25.7	25.0	94	31.1			
14	Sc Cu	Ac	-	2	4	2500		orrtlbc	bcjpr	K	WSW	2	1013.7	27.0	24.4	80	28.5			
15	Cu	Ac	Ci	Trace		3000		cprb	b	M	E	1	1013.7	26.8	24.0	78	27.6			
16	Cu	Ac	-	1	1	3000		bcb	b	M	E	2	1012.3	27.5	24.4	77	28.1			
17	Sc Cb	Ac	Ci	4	8	2500		bbccjpr	cjpr	M	E	3	1013.0	26.3	24.4	85	29.1			
18	Cu	Ac	-	1	3	4000		bcjprb	bc	M	CALM	0	1012.3	27.1	24.0	76	27.4			
19	Cu	-	Ci	Tr.	1	3500		bc	b	M	CALM	0	1012.2	26.2	22.8	74	25.0			
20	Cu	-	Ci	Tr.	2	3500		cbc	b	M	E	2	1012.7	26.5	23.7	78	27.1			
21	Cu Sc	Ac	Cs Ci	2	6	2500		b	bc	K	E	4	1012.1	28.6	25.0	74	28.8			
22	Cu Sc	Ac	Ci Cs	Tr.	3	3000		cor	bc	M	CALM	0	1013.0	26.0	24.2	86	28.8			
23	Cu Cb	Ac	Cs	1	5	2500		cjprpro	bc	K	CALM	0	1011.8	27.3	25.1	83	30.1			
24	Cu Sc	Ac	Ci	Tr.	8	2500		bc	c	M	CALM	0	1012.0	27.1	25.0	83	30.0			
25	Cu Sc	Ac	Ci	2	8	2500		c	c	M	CALM	0	1011.2	27.7	25.2	81	30.1			
26	Cu Cb	Ac	Ci	1	5	2500		bc	bc	M	CALM	0	1010.8	27.9	25.8	84	31.6			
27	Cu Sc	Ac	Ci	1	8	2500		bc	c	M	CALM	0	1012.2	27.3	25.1	83	30.1			
28	Cu	Ac	Cs Ci	1	10	3000		cjprb	o	M	ESE	1	1012.3	27.9	25.1	79	29.6			
29	Sc Cb	Ac	Ci	5	7	2000		co	bc	M	CALM	0	1012.3	26.3	24.3	84	28.8			
30	Cu Sc	Ac As	Ci	6	9+	2000		cjpro	cjpr	K	S	1	1013.3	27.6	24.8	79	29.1			
31	Cu Sc	As Ac	Ci	4	9	800		ojpr	cjpr	H	SE	2	1012.6	25.0	23.8	90	28.5			
Means	-	-	-	1.9	6.3	2600		-	-	-	-	0.9	1011.8	27.0	24.7	82	29.3			

International Seismological Centre

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

3 p.m. MAY 1945.

Day of Month.	Cloud. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cu Cb	Ac	Cs	2	9	2500		bcjpr	cjpr	M	CALM	0	1009.1	29.9	26.0	72	30.5			
2	Cu	Ac As	Ci	2	9	3000		c	c	M	ENE	4	1009.6	28.9	25.7	76	30.5			
3	Cu	Ac As	Ci	2	8	2500		bc	c	M	ENE	3	1008.6	29.1	26.0	77	31.1			
4	Ns	As	-	4	10	1000		bcoRqtl	ororo	H	SSW	1	1007.8	23.1	23.0	99	28.0			
5	Cu Cb	As	-	1	9+	1500		oprrr	cir	K	CALM	0	1006.3	27.1	25.3	86	30.8			
6	Cu Cb	Ac As	-	2	9	2500		ojprbc	cjpr	K	W	3	1006.7	27.4	25.6	86	31.4			
7	Cb Sc	Ac As	Cs	5	9	1500		ororo	cjpr	M	NNW	1	1007.6	25.4	24.1	89	29.0			
8	Cb Sc	Ac	Ci	7	9+	2500		cjpr	cjpr	M	CALM	0	1008.5	28.0	24.2	72	27.2			
9	Sc Cb	As	-	3	10	2000		oir	ojpr	M	CALM	0	1008.9	26.3	25.0	89	30.7			
10	Cu Cb	As	Ci	3	8	2500		bcjpr	cjpr	K	NNW	3	1007.9	28.5	26.0	81	31.6			
11	Sc Cu	As Ac	Cs Ci	3	9	2500		bcpro	cjpr	M	WNW	1	1008.8	28.0	25.7	83	31.2			
12	Cu Cb	As Ac	Ci	2	9	3000		bccjpr	cjpr	M	CALM	0	1008.9	28.6	25.0	74	28.8			
13	Fs Cb	As	-	5	10	2000		cprt	oro	K	NNE	1	1010.4	27.2	25.9	90	32.4			
14	Cb Cu	Ac As	-	5	9+	2000		b	cpro	K	WNW	2	1011.0	26.9	25.2	87	30.7			
15	Cu Sc	Ac	-	1	3	3000		c	bc	M	CALM	0	1010.4	29.1	24.2	65	26.3			
16	Cu	Ac	-	1	1	3000		b	b	M	E	3	1009.4	28.8	25.1	73	28.9			
17	Cu Sc	Ac	Ci	3	7	3000		b	bcjpr	K	E	5	1009.7	28.5	25.1	75	29.1			
18	Cu Cb	Ac	Ci	2	2	3000		bc	b	M	E	2	1009.4	29.0	25.0	71	28.5			
19	Cu Cb	-	-	3	3	3500		b	bc	M	NE	3	1009.6	28.8	25.0	72	28.6			
20	Cu Cb	Ac	-	1	1	3000		b	b	M	E	3	1009.6	29.0	25.1	72	28.7			
21	Cu	Ac	Ci Cs	2	9	2500		bc	c	K	ENE	3	1009.7	29.6	25.8	73	30.2			
22	Cu Cb	Ac	-	7	9	1500		b	cjpr	K	E	5	1009.5	28.5	25.5	78	30.2			
23	Cu Cb	Ac	Ci Cs	2	4	2500		b	bc	K	CALM	0	1009.2	29.3	26.0	76	31.0			
24	Cu Cb	Ac	Ci	3	9	2500		c	c	M	NNW	3	1008.6	28.8	25.9	78	31.1			
25	Cu Cb	Ac	Ci	2	5	2500		bc	bc	K	N	4	1008.0	29.0	26.0	78	31.2			
26	Cu Cb	Ac	-	3	3	2500		bc	bc	M	NNW	1	1008.6	29.1	25.8	76	30.6			
27	Cu Cb	Ac	Ci	4	8	2000		c	cjpr	K	NNE	1	1009.6	28.6	25.2	75	29.3			
28	Cu	-	Ci Cs	2	9+	3000		c	c	M	NNE	1	1010.5	29.3	25.2	71	28.8			
29	Cb Cu	Ac As	Ci	2	9+	2000		c	cjpr	M	ENE	2	1010.3	28.8	25.1	73	28.9			
30	Cu Sc	As	-	8	10	800		oprqpro	ojpr	H	WNW	1	1010.8	25.9	24.3	87	29.1			
31	Cb Sc	As Ac	Ci Cs	5	9+	1000		cjpoir	cjpr	K	SE	1	1009.7	25.3	23.9	88	28.5			
Means	-	-	-	3.1	7.5	2300		-	-	-	-	1.8	1009.1	28.1	25.2	79	29.8			

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METEOROLOGICAL OBSERVATIONS.

May 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	30.1	23.5	21.2		2.4	6.8		1.9
2	30.1	23.5	21.4		1.2	6.6		2.3
3	30.2	23.8	21.6		0.3	7.9		2.4
4	29.8	25.1	23.2		69.6	2.0		0.4
5	28.9	22.5	21.0		15.2	3.3		0.8
6	28.3	24.8	23.3		9.5	5.3		1.6
7	27.0	24.1	21.9		5.0	0.7		1.0
8	29.0	23.4	21.0		0.4	3.2		1.8
9	27.4	23.6	21.7		20.6	0.8		1.1
10	29.4	24.3	23.3		Trace	7.0		2.1
11	29.1	24.0	21.7		10.6	3.8		1.5
12	28.5	24.6	22.6		2.7	3.6		2.2
13	29.3	24.3	22.2		4.4	0.5		0.7
14	29.7	23.0	21.0		1.3	7.3		1.6
15	30.1	22.4	20.0		-	8.6		2.6
16	29.4	22.8	20.6		-	10.7		2.2
17	29.4	22.9	20.6		-	6.7		3.0
18	29.8	22.1	19.4		-	10.4		2.7
19	29.2	21.3	19.4		-	11.1		2.7
20	29.8	21.9	-		5.2	9.1		2.6
21	29.9	24.8	21.2		22.1	8.5		1.4
22	29.8	23.7	20.9		6.4	7.3		1.7
23	30.0	23.6	21.7		2.7	9.9		1.7
24	29.2	24.3	22.2		-	8.8		1.9
25	30.0	23.9	22.2		-	10.6		2.1
26	29.9	23.8	21.7		-	10.2		2.1
27	29.3	23.6	22.1		-	6.4		1.3
28	29.9	24.0	22.2		-	9.4		1.9
29	30.7	23.2	21.1		-	5.8		2.2
30	29.0	24.1	22.2		27.9	1.8		1.3
31	28.8	23.5	21.7		19.0	1.8		0.7
Total	-	-	-		226.5	195.9		55.5
Mean	29.4	23.6	21.5		-	6.3		1.8

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

9 a.m. JUNE 1945.

Day of Month.	CLOUD. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed ; Height Ratio.
1	Cu Cb	Ac As	-	Tr.	10	1500		ojpror	ojpr	K	ESE	1	1011.9	27.1	24.5	80	28.7			
2	Cu Cb	Ac	Ci	1	4	2500		ocjpr	bc	K	E	3	1010.6	27.2	25.5	87	31.3			
3	Cu Cb	Ac	Ci	3	4	2000		cpr	bcjpr	K	SE	1	1008.3	28.3	25.6	80	30.7			
4	Cb	As	-	2	10	1500		corr	orr	J	CALM	0	1008.0	23.5	22.9	95	27.5			
5	Sc Cu	As	-	2	10	1500		ojprc	o	K	ENE	2	1008.8	25.0	23.5	88	27.8			
6	Cu Sc	Ac As	-	1	9	2500		orr	c	K	CALM	0	1012.1	24.0	22.2	83	24.8			
7	Cu Sc	As Ac	-	8	8	2500		bccjpr	c	K	ESE	2	1012.6	26.5	23.8	79	27.3			
8	Cu Sc	As Ac	-	2	9	2500		cjpr	c/ro	M	CALM	0	1013.4	24.2	23.0	90	27.1			
9	Cu Fc	Ac	-	5	5	2000		cbc	bcjpr	K	ESE	1	1011.5	26.9	25.0	85	30.2			
10	Cu	Ac	Cs	1	2	3000		bbc	b	K	ESE	3	1011.3	28.0	25.0	77	29.3			
11	Cu Sc	As	-	4	9+	1500		orr	cjpr	K	SE	2	1010.9	25.4	24.2	90	29.3			
12	Ns Fs	As	-	6	10	1000		oprrtl	orr	K	SSE	2	1010.7	23.9	22.5	88	26.1			
13	Fs Cb	As Ac	-	7	9+	1000		cprpro	cjpr	K	ESE	4	1008.9	27.0	25.8	91	32.3			
14	Cu Sc	-	Ci	2	3	2000		cprbc	bc	K	NNE	3	1006.8	28.7	26.1	81	31.7			
15	Sc Cu	Ac	Ci	1	3	2500		oRRtlq	bc	M	CALM	0	1009.4	27.5	25.0	81	29.7			
16	Sc Cu	Ac	-	1	3	3000		bc	bc	M	CALM	0	1011.2	27.6	24.7	78	28.8			
17	Cu	-	-	2	2	3500		bc	b	M	CALM	0	1010.5	27.2	24.9	82	29.7			
18	Cu Sc	Ac	Ci	2	8	2500		b	c	M	CALM	0	1013.6	27.5	24.8	79	29.2			
19	Cu Sc	Ac As	-	4	10	1500		ojprpro	ojpr	K	NW	1	1016.0	25.1	23.8	89	28.5			
20	Cu Cb	Ac	Ci	5	6	2500		bcjpoc	bcjpr	M	CALM	0	1016.0	26.6	23.9	79	27.5			
21	Cu Sc	Ac	Ci	2	3	2500		cprqbc	bc	K	ESE	4	1015.8	27.7	24.7	77	28.7			
22	Cu	Ac As	-	2	10	1500		ocpr	ojpr	K	ESE	4	1014.3	27.5	24.8	79	29.2			
23	Cu	Ac	Ci	1	2	2500		oprql	b	K	ESE	5	1013.2	27.8	25.0	79	29.4			
24	Fs	As	-	2	10	1000		copqrr	orr	H	N	1	1014.6	24.0	23.2	93	27.8			
25	Cb Sc	Ac As	-	3	9+	2500		ocprq	cjpr	K	ESE	4	1013.0	26.2	23.9	82	27.8			
26	Cu Sc	Ac	-	2	9+	1500		ojpr	c	K	SSE	1	1011.4	27.4	25.2	83	30.3			
27	Cu Cb	Ac	Ci	3	5	2500		cjprpr	bcjpr	M	SE	1	1013.0	27.2	24.8	82	29.4			
28	Cu	-	Ci	1	1	3000		bcb	b	M	CALM	0	1013.8	26.9	24.5	81	28.8			
29	Cu Cb	Ac	Ci	5	8	2500		bbccprq	cjpr	K	E	5	1013.1	27.8	25.7	84	31.4			
30	Cu	-	Ci	2	2	3000		bcjprc	b	K	ESE	3	1011.5	26.8	25.0	86	30.2			
31																				
Means	-	-	-	2.7	6.6	2200		-	-	-	-	1.8	1011.9	26.5	24.4	84	29.0			

International Seismological Centre

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

3 p.m. JUNE 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cu Cb	Ac As	Ci	1	10	1000		ojprd	o	K	E	6	1009.6	28.5	25.1	75	29.1			
2	Cu	Ac As	Ci	1	9	2500		bcjpr	c	K	E	2	1007.7	28.4	25.6	79	30.6			
3	Cu	Ac As	Ci	1	9+	2500		bcjpr	c	K	E	1	1004.4	29.5	25.7	73	30.0			
4	Cu Sc	As	-	3	10	2500		orrjpr	ojpr	K	CALM	0	1005.3	26.0	23.9	83	28.0			
5	Cb Sc	As	-	3	10	1500		ojpr	orr	K	SE	2	1006.2	24.1	23.6	95	28.7			
6	Cu Cb	Ac	-	4	4	2500		cbcjpr	bc	K	E	5	1009.3	26.9	24.5	81	28.8			
7	Cu	As	-	2	9	2500		cbcjpr	cjpr	K	S	2	1010.2	27.0	24.0	77	27.4			
8	Cu	Ac	Ci	1	7	2500		cbc	bc	M	E	5	1010.2	28.0	25.0	77	29.3			
9	Cu	Ac	-	2	2	3000		bcpro	b	M	ESE	5	1008.7	29.1	25.9	77	30.9			
10	Cu Cb	As	-	2	9	500		bbccjpr	cjp/p	K	E	4	1008.9	27.1	25.9	90	32.5			
11	Cu Sc	Ac As	-	6	9	2500		cpro	cjpr	K	E	3	1007.8	27.9	25.8	84	31.6			
12	Cb Cu	Ac	-	6	9+	2000		cjpr	cjpr	K	E	4	1008.2	28.2	25.3	78	29.9			
13	Cu	Ac	-	3	3	2500		bc	bc	K	E	3	1006.1	29.1	25.8	76	30.6			
14	Cu Sc	Ac As	-	3	7	2500		bc	bc	K	N	1	1005.1	29.2	26.4	79	32.2			
15	Cu Sc	-	-	4	4	2500		bcbbc	bc	K	CALM	0	1008.3	29.5	24.9	67	27.8			
16	Cu	Ac	-	1	3	3000		bcb	bc	M	CALM	0	1008.8	28.7	25.3	75	29.5			
17	Cu	-	-	2	2	3000		b	b	M	NW	3	1008.5	28.2	25.0	76	29.1			
18	Cu Sc	Ac	Ci	3	7	2500		cbc	bc	K	NE	1	1010.8	27.9	24.8	77	28.8			
19	Cu Sc	Ac	Ci	5	7	2500		ocjpr	bcjpr	K	ENE	3	1013.1	27.0	24.1	78	27.7			
20	Sc Cb	Ac As	-	6	9+	1000		bccjpr	c/pq	J	E	6	1012.9	26.8	24.5	82	28.9			
21	Sc Fs	As	-	6	10	1000		bccjpr	opr	K	ENE	6	1013.3	25.9	24.6	89	29.9			
22	Cu Sc	Ac As	-	5	9+	2500		ocirq	cjpr	K	E	4	1011.8	26.9	25.2	87	30.7			
23	Cu	Ac	Ci	2	9	2500		bc	c	K	E	5	1010.5	28.5	25.2	75	29.4			
24	Cu Sc	As	-	3	10	2500		orr	opr	M	E	2	1010.4	26.0	24.1	85	28.5			
25	Cu Cb	Ac As	-	3	10	2500		cjpr	ojpr	K	E	4	1009.1	27.6	25.2	82	30.1			
26	Cu Cb	Ac As	Ci	1	9+	2500		cpro	cjpr	K	ENE	1	1009.4	27.6	24.2	74	29.9			
27	Cu Cb	Ac As	Ci	1	6	3000		bc	bc	M	E	3	1011.0	27.5	25.0	81	29.7			
28	Cu	Ac	Ci	2	2	3000		b	b	K	E	4	1010.7	29.1	25.5	74	29.8			
29	Cu Cb	As	Ci	4	7	2500		bccrqt	bcjpr	K	E	3	1010.4	28.3	25.4	78	30.1			
30	Cu	Ac	Ci	1	2	3000		bbcpro	b	K	E	2	1009.1	29.2	25.0	70	28.3			
31																				
Means	-	-	-	2.9	7.3	2300		-	-	-	-	3.0	1009.2	27.8	25.0	79	29.6			

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METEOROLOGICAL OBSERVATIONS.

June 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	29.1	23.9	22.3		6.9	1.8		2.3
2	29.9	24.7	22.2		4.0	5.7		1.9
3	29.9	24.9	22.7		18.2	6.6		1.8
4	26.2	23.2	22.7		21.2	0.0		0.7
5	26.5	22.0	20.3		15.6	0.1		1.0
6	28.1	22.5	21.4		-	5.3		2.5
7	28.5	23.0	21.4		64.5	4.1		1.2
8	29.0	22.2	21.6		1.0	3.8		2.2
9	30.0	23.5	21.9		2.6	9.2		2.3
10	28.9	24.9	22.5		42.4	3.9		0.6
11	28.9	23.9	23.1		9.6	1.2		1.5
12	29.7	23.8	23.1		2.9	3.7		1.8
13	29.7	23.6	23.2		0.7	5.7		3.2
14	29.9	26.5	23.2		31.7	8.2		1.4
15	30.9	23.6	22.3		-	5.7		2.6
16	29.8	24.4	22.9		-	9.0		1.9
17	28.7	23.3	21.8		-	10.0		2.5
18	29.1	22.6	20.4		1.2	7.2		1.8
19	29.2	23.9	23.1		-	4.8		2.4
20	29.0	23.0	21.6		0.3	3.8		2.8
21	30.0	23.7	22.1		4.8	4.8		3.3
22	28.7	25.1	24.9		23.8	0.1		0.7
23	29.7	21.8	22.1		19.7	5.9		1.7
24	26.5	23.5	22.2		22.8	0.0		1.2
25	28.2	22.8	22.7		31.7	0.6		0.9
26	28.8	22.6	22.5		1.4	3.9		0.5
27	29.0	24.1	22.6		-	5.4		2.2
28	29.3	23.1	21.9		3.4	10.7		3.5
29	28.9	25.0	24.2		11.1	7.0		1.5
30	29.2	22.1	20.1		Trace	9.7		2.5
31								
Total	-	-	-		341.5	147.9		56.4
Mean	29.0	23.6	22.3		-	4.9		1.9

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

9 a.m. JULY 1945.

Day of Month.	Cloud. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	At Time.	Visibility.	Wind. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed ; Height Ratio.
1	Sc Cu	Ac	Ci	4	4	3000		bbc	bc	K	CALM	0	1011.9	26.1	24.0	83	28.2			
2	Cu Cb	Ac	Ci	1	1	3000		b	b	K	SE	1	1012.1	27.1	24.7	81	29.2			
3	Cb Sc	Ac As	-	1	9	2500		cjprRR	cjpr	M	CALM	0	1013.6	24.5	23.9	95	29.9			
4	Cu	-	Ci	1	1	3000		cjprbc	b	K	E	2	1011.9	27.1	25.0	83	30.0			
5	Cu	-	-	Trace		3500		bcb	b	M	CALM	0	1012.3	27.4	25.0	81	29.8			
6	Cu	Ac	Ci	2	2	2500		bcpr	b	K	ESE	3	1012.6	27.8	24.9	78	29.2			
7	Cu Sc	-	-	2	2	3000		bccpr	b	K	ESE	4	1012.1	27.9	25.1	79	29.6			
8	Cu Cb	Ac As	-	3	6	1500		bccpro	bcpr	K	SE	2	1010.6	25.8	24.0	85	28.4			
9	Cu Cb	Ac	-	3	4	2500		bcproq	bcjpr	K	ESE	3	1011.0	27.7	25.0	79	29.5			
10	Cu	-	Ci	3	3	2500		bcprq	bc	K	E	4	1012.0	28.5	25.1	75	29.1			
11	Cu	-	Ci	Tr.	2	2500		bc	b	K	CALM	0	1013.0	26.7	24.2	81	28.2			
12	Sc Cu	-	-	2	2	2500		b	b	M	E	4	1012.2	27.5	24.6	78	28.6			
13	Cb Sc	Ac	-	7	9+	2000		bcpr	cjpr	K	SE	3	1013.0	26.9	24.7	83	29.4			
14	Cu Sc	Ac	-	4	4	2500		copro	bcjpr	K	ESE	2	1014.0	27.1	25.1	84	30.3			
15	Cu	-	-	1	1	2500		b	b	K	ESE	1	1012.4	27.0	24.2	78	28.0			
16	Cu	-	-	1	1	3000		bbc	b	M	CALM	0	1012.5	26.6	24.0	80	27.8			
17	Cu Sc	Ac	Ci	3	4	2500		bcpro	bcjpr	M	SE	3	1012.2	25.5	23.6	85	27.6			
18	Cu Sc	Ac	-	3	3	2500		bccpbc	bc	K	CALM	0	1012.8	25.9	24.0	85	28.3			
19	Cu Sc	Ac	-	1	1	3000		cprobc	b	M	CALM	0	1013.1	26.8	24.1	79	27.9			
20	Cu Sc	-	Ci	2	3	3000		b	bc	M	CALM	0	1014.5	27.1	24.3	79	28.1			
21	Cu Sc	Ac	-	4	6	2500		bcpcrr	bc	M	ESE	3	1014.1	26.7	24.0	79	27.7			
22	Cu Sc	-	-	7	7	2500		c	cjpr	M	SSE	1	1015.5	26.1	23.1	76	25.9			
23	Cu Sc	Ac	Ci	3	5	2500		bccpbc	bc	K	ESE	5	1014.7	27.0	24.4	80	28.5			
24	Cu Fc	Ac	-	4	5	2500		bc	bc	K	ESE	5	1014.6	27.4	24.3	76	27.9			
25	Sc Cb	-	Ci	8	9	2000		bccpr	cpr	K	ESE	5	1014.9	26.8	24.8	84	29.7			
26	Cu Cb	Ac	Ci	2	3	3000		cirobc	bc	K	E	4	1013.9	28.1	25.5	80	30.6			
27	Cu Sc	Ac	Ci	4	5	2500		bbcpr	bcjpr	K	ESE	4	1013.7	27.7	25.0	79	29.5			
28	Cb Cu	As Ac	-	5	8	2500		bcpr	cpr	K	ENE	3	1012.3	26.1	24.4	86	29.2			
29	Cb Cu	Ac	Ci	1	5	2500		bcjprb	bcjpr	M	S	1	1011.3	26.1	24.2	85	28.7			
30	Cu Sc	Ac As	Ci	6	7	2500		cbccpro	bc	K	NE	5	1011.4	25.6	24.2	89	29.1			
31	Cu Sc	Ac	Ci	5	7	2500		bcpr	bcjpr	K	SE	2	1011.5	26.3	24.2	83	28.5			
Means	-	-	-	3.0	4.2	2600		-	-	-	-	2.3	1012.8	26.8	24.4	82	28.8			

International Seismological Centre

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METEOROLOGICAL OBSERVATIONS.

3 p.m. JULY 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cu	-	-	2	2	3000		bc	b	M	ENE	2	1008.7	28.0	24.6	75	28.2			
2	Sc Cu	Ac	Cs	3	8	2500		b	cjpr	K	E	4	1010.3	28.3	25.4	78	30.1			
3	Cu Cb	Ac	Cs	2	8	2500		bc	cjpr	K	E	4	1010.0	29.0	25.7	76	30.4			
4	Cu	-	Ci	3	3	2500		bbc	bc	K	E	2	1008.5	29.4	26.0	75	30.9			
5	Cu Cb	-	Ci	1	1	3000		b	b	M	E	3	1009.3	29.1	25.8	76	30.6			
6	Cu Cb	Ac	Ci	2	2	2500		bc	b	K	E	5	1009.4	29.0	25.9	77	30.9			
7	Cu	Ac	Ci	2	3	3000		bbc	bc	K	E	5	1009.0	28.8	25.5	76	30.0			
8	Cu Sc	Ac	-	4	4	2500		bcprpro	bc	K	E	5	1008.7	28.9	25.6	76	30.2			
9	Cu Sc	-	-	3	3	2500		bcjpro	bc	K	E	5	1008.3	29.0	25.3	73	29.3			
10	Cu	-	Ci	Tr.	4	2500		b	bc	K	E	3	1009.3	29.4	25.7	73	30.1			
11	Cu	-	-	1	1	2500		b	b	K	E	5	1010.1	29.0	25.6	75	30.1			
12	Cu Sc	Ac	Ci	2	3	2500		bcjpr	bc	K	E	5	1010.1	29.2	25.0	70	28.3			
13	Cu Sc	Ac	Ci	3	9+	2500		cjprpr	c	K	ESE	3	1011.1	28.3	25.4	78	30.1			
14	Cu Sc	Ac	-	2	2	2500		bccpr	b	K	E	4	1010.9	29.4	26.2	77	31.5			
15	Cu	-	-	1	1	2500		b	b	K	E	3	1009.2	29.2	25.5	73	29.7			
16	Cu Sc	Ac	-	2	5	2500		b	bc	M	ENE	4	1010.0	28.8	25.4	75	29.7			
17	Sc Cu	Ac	-	5	6	2500		bccjpr	bcjpr	M	ENE	4	1009.6	27.7	24.5	76	28.2			
18	Sc Cb	-	-	8	8	1500		bc	cjpr	M	S	3	1009.6	27.2	25.1	84	30.2			
19	Cu	-	-	2	2	3000		b	b	M	ENE	3	1010.3	29.1	25.5	74	29.8			
20	Cb Sc	Ac	-	6	7	2000		bcpro	bcpro	K	CALM	0	1011.6	28.2	24.5	73	27.8			
21	Cu Sc	As	-	1	9+	2500		bcojpr	c	K	E	5	1011.1	26.7	23.5	75	26.4			
22	Cu Sc	-	-	3	3	3000		c	bc	K	E	7	1012.0	28.3	24.9	75	28.8			
23	Cu Sc	Ac	-	3	3	2500		b	bc	K	E	6	1011.7	28.9	25.5	75	29.9			
24	Cu Sc	Ac	-	3	3	2500		bc	bc	K	ESE	5	1011.4	29.1	25.8	76	30.6			
25	Cu	Ac As	Ci	1	9+	2500		c	c	K	ESE	5	1011.9	28.8	25.8	78	30.8			
26	Cu	Ac	-	1	1	2500		bc	b	K	E	4	1011.5	29.3	25.9	75	30.7			
27	Cu Cb	-	Ci	2	3	3000		bcjprb	bcjpr	K	E	4	1010.9	29.3	26.0	76	31.0			
28	Cu Cb	Ac	Ci	3	4	2500		cPRqbc	bcjpr	K	E	4	1009.6	29.2	26.0	76	31.1			
29	Cb Cu	Ac	Ci	2	8	2000		bcjpr	cjpr	M	ENE	3	1008.5	28.0	25.5	81	30.6			
30	Cu	Ac	Ci	1	4	2500		bcjpr	bc	K	E	2	1009.2	29.1	25.5	74	29.8			
31	Cu Sc	Ac	-	6	7	1500		cpro	bcjpr	K	E	3	1009.5	27.5	25.4	84	30.8			
Means	-	-	-	2.6	4.5	2500		-	-	-	-	3.9	1010.0	28.7	25.4	76	29.9			

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METEOROLOGICAL OBSERVATIONS.

July 1945.

Day of Month.	Thermometers.				Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
	Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°C)				
1	29.4	22.9	21.0		-	7.6		1.9
2	28.9	22.7	21.1		13.9	7.6		2.1
3	29.2	23.5	22.5		3.9	5.7		4.2
4	29.9	23.5	21.7		Trace	10.1		2.2
5	29.8	23.9	21.8		4.7	10.5		2.2
6	29.5	22.6	20.3		0.7	9.2		2.9
7	29.2	24.1	22.5		15.3	9.2		2.5
8	29.5	23.8	22.2		3.2	8.9		2.7
9	29.8	24.9	22.6		1.8	10.2		3.6
10	29.8	25.7	23.9		-	10.1		2.3
11	29.3	22.5	20.4		-	10.7		3.6
12	29.3	23.0	20.7		4.6	9.0		2.7
13	29.6	23.9	22.8		0.4	2.0		1.8
14	29.7	23.4	21.7		0.7	8.8		2.3
15	29.5	22.5	20.9		-	10.6		2.7
16	29.8	22.3	20.7		Trace	9.9		3.0
17	29.0	23.5	22.3		-	5.2		2.2
18	29.1	24.5	21.6		0.8	5.2		1.6
19	29.7	22.8	21.3		-	11.1		2.4
20	29.5	23.3	21.8		24.2	5.7		1.0
21	28.1	23.7	22.1		-	2.9		2.9
22	29.2	23.1	20.6		Trace	8.8		2.7
23	29.3	25.3	22.7		-	9.0		4.0
24	29.7	25.1	23.2		18.0	9.1		2.4
25	29.8	24.9	23.7		9.9	5.9		2.5
26	29.7	24.8	23.2		0.2	9.9		3.2
27	29.8	24.5	22.2		3.8	9.1		2.8
28	29.3	24.2	22.3		13.5	8.2		2.2
29	29.1	22.4	20.9		Trace	6.4		2.1
30	29.7	22.6	20.9		8.8	6.7		3.0
31	29.0	23.8	21.8		1.1	6.0		1.9
Total	-	-	-		129.5	249.3		79.6
Mean	29.4	23.7	21.9		-	8.0		2.6

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

9 a.m. AUGUST 1945.

Day of Month.	CLOUD. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	WEATHER. At Time.	Visibility.	WIND. Direction.	WIND. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cb Cu	Ac As	Ci	5	9	2500		bcoprc	cjpr	K	SE	2	1013.7	25.7	24.0	86	28.5			
2	Cu Sc	Ac As	Ci	Tr	8	3000		cbcpro	c	K	E	5	1013.8	27.2	24.2	77	27.8			
3	Cu	-	-	1	1	3000		bbcb	b	K	E	2	1013.0	27.3	24.2	76	27.7			
4	Cu Cb	Ac	Ci	5	7	1500		bbco	bc	M	CALM	0	1012.0	26.4	24.0	82	28.0			
5	Cu	Ac	Ci	1	2	3000		cbcb	b	K	E	2	1013.4	27.0	22.4	66	23.4			
6	Cu	-	-	1	1	3000		bccbc	b	M	ESE	4	1014.6	26.0	21.1	63	21.1			
7	Cu Sc	-	-	2	2	3000		bccbcro	bjpr	M	ESE	3	1015.0	25.8	21.5	67	22.2			
8	Cu Sc	Ac	-	4	6	2500		bbc	bc	K	E	5	1014.2	27.5	24.5	77	28.3			
9	Cu Sc	As Ac	-	7	9	2500		bccopro	c	K	SE	2	1013.4	26.0	24.2	86	28.8			
10	Cu	Ac	Ci	1	5	2500		oirocpbc	bc	K	SE	1	1013.4	26.3	24.2	83	28.5			
11	Cu	-	-	Tr.	Tr.	3500		b	b	M	CALM	0	1014.4	26.5	23.7	78	27.1			
12	Cu	Ac	-	3	3	2500		bbcjpr	bc/pr	K	E	4	1015.0	26.5	24.8	87	30.0			
13	Cu	Ac	Ci	2	2	2500		bbcpro	b	K	E	4	1014.9	27.2	25.0	83	29.9			
14	Cu	Ac	-	3	3	3000		bbc	bc	K	E	6	1015.2	27.5	25.2	82	30.2			
15	Cu Ns	-	-	10	10	1000		bbcorq	opr	H	ESE	5	1015.8	24.2	23.5	94	28.4			
16	Ns Sc	-	-	10	10	1000		bbcpr	opr	H	ESE	3	1014.4	25.4	23.5	85	27.4			
17	Cu	Ac	-	1	1	2500		bcb	bw	M	CALM	0	1013.6	26.8	23.8	77	27.1			
18	Sc Ns	As	-	7	10	1000		bcojpr	opr/tl	H	E	4	1013.0	24.1	23.0	91	27.2			
19	Sc Cu	-	-	7	7	2500		orbcrb	bcjpr	K	E	5	1012.5	26.2	24.6	87	29.7			
20	Cu Sc	Ac	Ci	3	4	2500		bccpr	bc	K	E	1	1012.9	27.1	24.9	83	29.7			
21	Cu	Ac	Ci	2	4	3000		bccobc	bc	K	E	1	1011.5	27.5	25.1	82	30.0			
22	Cu	Ac As	-	Tr.	9+	2500		coprot	c	M	CALM	0	1012.3	25.5	23.7	85	27.9			
23	Cb Sc	As	-	6	9+	2000		cprolto	crolt	K	ESE	1	1013.5	23.9	22.9	91	27.1			
24	Cu Sc	As	Ci	1	8	2500		bcc	cjpr	M	CALM	0	1013.0	26.3	24.1	83	28.3			
25	Cu Sc	Ac As	Ci	2	6	2000		cprqbc	bc	K	SE	4	1013.2	26.6	24.6	84	29.3			
26	Cu	As Ac	-	3	9+	2500		bcprc	cpro	K	ESE	4	1012.2	27.2	25.3	85	30.7			
27	Cu	Ac	Ci	Tr.	3	2500		cproo	bc	M	SW	1	1012.4	25.7	23.8	85	28.0			
28	Sc Cu	-	Ci Cs	Tr.	4	2500		bcjprc	bc	M	ESE	4	1012.4	27.8	24.2	73	27.3			
29	Cu Sc	Ac	Ci	1	6	2500		bcoromc	bc	M	ESE	1	1013.4	26.8	24.7	83	29.4			
30	Sc Cu	-	-	3	3	2500		bcpr	bcpro	K	NE	2	1013.9	26.8	24.6	83	29.2			
31	Sc Cu	Ac	-	5	9+	2500		cjprlo	c	M	E	3	1013.2	27.8	23.9	71	26.5			
Means	-	-	-	3.1	5.6	2400		-	-	-	-	2.5	1013.5	26.4	24.0	81	27.9			

International Seismological Centre

1,000/7/32—3911] APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

3 p.m. AUGUST 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cb Cu	Ac As	Ci	2	8	2500		bc	cjpr	K	E	4	1011.0	28.5	25.0	74	28.9			
2	Cu Sc	Ac	Ci	1	2	3000		bjpr	b	K	E	2	1010.2	28.8	25.0	72	28.6			
3	Cu	-	-	1	1	3000		b	b	K	E	5	1009.7	28.6	25.3	76	29.6			
4	Cu Sc	Ac As	Ci	2	9+	1500		bccroc	cjpr	K	E	3	1009.4	27.1	23.6	73	26.3			
5	Cu	Ac	Ci	2	4	3000		bbc	bc	M	ESE	4	1011.1	28.1	22.9	63	23.7			
6	Cu Sc	Ac	-	2	2	3000		bc	b	K	E	5	1012.1	27.5	23.1	67	24.7			
7	Cu	-	-	2	2	3000		bbc	b	M	E	5	1012.0	28.0	22.6	61	23.1			
8	Cu	Ac	Ci	2	3	2500		b	bc	K	E	4	1011.6	29.2	25.4	73	29.4			
9	Cu Ns	Ac As	-	4	10	1000		ojpir	orcro	H	CALM	0	1011.0	25.4	24.1	89	29.0			
10	Cu	Ac	Ci	1	3	2500		bc	b	K	NNE	1	1010.8	28.9	25.0	72	28.5			
11	Cu	-	-	1	1	3000		b	b	M	ENE	5	1011.8	28.7	23.5	63	24.8			
12	Cu	Ac	-	2	2	2500		bcprobc	b	K	E	4	1012.1	29.0	26.0	78	31.2			
13	Cu Sc	-	-	1	1	2500		b	b	K	E	6	1012.7	28.7	25.5	76	30.1			
14	Cu Sc	Ac	Ci	4	6	2000		bc	bc	K	E	6	1013.2	28.8	25.0	72	28.6			
15	Cu Sc	-	Ci	1	1	2500		b	b	K	E	6	1012.9	28.4	24.3	70	27.1			
16	Cu Sc	Ac	Ci	3	4	2500		oprc	bc	K	E	5	1011.7	27.6	24.8	79	29.1			
17	Cu Sc	Ac	-	4	4	2500		bc	bc	K	E	6	1010.1	28.2	25.0	76	29.1			
18	Ns	As	-	2	10	1000		ojprr	oir	K	SE	3	1010.6	23.5	22.6	92	26.7			
19	Cb Cu	Ac As	Ci	3	6	2500		bcpro	bcjpr	K	E	4	1009.3	27.9	25.0	78	29.4			
20	Cu	-	Ci	2	5	3000		bc	bc	K	ENE	1	1009.3	28.2	25.3	78	29.9			
21	Cu	As Ac	-	3	9+	1500		bc	cjprt	K	E	2	1009.2	25.9	24.2	86	28.8			
22	Cu Cb	Ac	-	4	8	2000		cpro	cjpr	K	NE	2	1009.3	27.6	24.8	79	29.1			
23	Cu	Ac	Ci	1	3	3000		croltbc	bc	M	ENE	5	1010.4	28.1	24.6	74	28.1			
24	Cu	Ac	Ci	2	6	3000		c	bc	M	ESE	3	1010.4	28.8	25.8	78	30.8			
25	Cu	Ac	Cs	2	7	2500		bc	bc	K	E	5	1010.4	27.3	25.3	85	30.7			
26	Cb Cu	Ac	Cs	6	8	2500		cpro	c	K	ESE	3	1009.6	27.8	25.5	83	30.8			
27	Cb Cu	Ac	Ci	3	6	2500		bjpr	bcjpr	K	E	6	1009.4	28.7	25.8	78	30.9			
28	Cu Sc	Ac	Ci	3	4	2500		bc	bc	K	E	6	1010.1	28.4	25.3	77	29.8			
29	Cu Cb	Ac	Ci	3	3	2500		bcjpr	bc	K	E	3	1011.0	28.9	26.0	79	31.3			
30	Cb Cu	Ac	Ci Cs	1	9+	2500		bc	cjpr	K	E	4	1011.2	28.9	25.4	74	29.7			
31	Sc Ns	As	-	6	10	1000		cjprpr	ororo	K	SE	2	1011.6	24.3	23.7	95	28.8			
Means	-	-	-	2.5	5.2	2400		-	-	-	-	3.9	1010.8	27.9	24.7	76	28.6			

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METEOROLOGICAL OBSERVATIONS.

August 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	29.6	23.7	22.8		0.7	6.3		3.5
2	29.3	24.6	22.3		-	10.4		3.4
3	29.8	24.2	22.2		-	10.9		3.2
4	28.5	23.4	21.9		Tr.	3.3		3.1
5	29.1	24.5	22.5		-	10.2		5.5
6	28.5	23.2	23.6		Tr.	10.8		5.5
7	28.9	22.8	22.3		Tr.	10.6		4.5
8	29.8	23.9	23.1		13.2	10.6		2.4
9	28.1	24.2	22.2		25.0	2.3		0.6
10	29.7	22.1	20.6		-	10.0		2.3
11	28.9	22.5	20.5		0.1	11.0		3.7
12	29.4	24.0	21.4		5.9	9.2		3.2
13	29.1	24.5	21.8		-	10.3		4.3
14	28.9	26.0	24.3		35.7	8.0		1.4
15	28.7	22.5	21.4		1.0	8.7		3.0
16	28.7	20.0	18.0		-	7.0		2.7
17	30.1	21.8	19.9		10.2	9.5		3.1
18	27.6	22.8	21.0		20.1	1.1		0.8
19	29.3	23.3	22.5		3.4	7.6		2.5
20	29.0	24.2	22.3		-	9.9		2.1
21	29.2	23.5	21.9		0.4	5.6		1.6
22	28.3	23.5	21.8		7.8	2.1		1.6
23	28.8	23.2	21.8		-	5.0		2.6
24	29.2	22.9	21.2		0.8	7.1		3.1
25	28.9	24.0	22.3		2.9	7.5		3.0
26	29.6	24.7	22.0		Tr.	6.5		1.6
27	29.0	22.2	20.4		-	6.9		2.2
28	29.0	23.0	21.4		3.2	8.7		2.3
29	29.3	22.8	21.0		9.5	6.8		1.6
30	29.7	23.8	21.9		Tr.	9.0		2.3
31	29.7	23.5	21.4		45.4	5.4		0.7
Total	-	-	-		185.3	238.5		-
Mean	29.1	23.4	21.7		-	7.7		2.7

1.000/7/32—3911] APIA OBSERVATORY. # METEOROLOGICAL OBSERVATIONS. 9 a.m. SEPTEMBER 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed : Height Ratio.
1	Cu Sc	Ac As	-	4	9	2500		ororoRRq	c	K	ESE	5	1013.2	26.7	24.8	85	29.8			
2	Sc Cu	Ac	Ci	3	6	2500		cpro	bcjpr	K	ENE	3	1013.4	27.2	25.5	87	31.3			
3	Cu	-	Ci	2	3	3000		bcprobc	bc	K	E	3	1012.9	28.3	25.0	75	29.0			
4	Sc Cu	Ac	-	2	2	3000		bcbbcpro	b	M	E	3	1014.8	28.1	25.0	77	29.2			
5	Cu Sc	Ac	-	7	8	2500		bcoRRq	c	K	E	3	1015.0	27.0	23.2	71	25.4			
6	Cu Sc	Ac	Ci	3	6	2500		corqbc	bc	K	E	2	1014.9	27.1	24.0	76	27.4			
7	Cu	Ac	-	2	2	2500		bcb	bc	K	E	3	1014.7	27.5	24.0	74	27.0			
8	Cu	-	-	1	1	3000		bbcb	b	K	E	2	1013.9	27.5	23.7	71	26.3			
9	Cu Cb	Ac	-	2	2	2500		bbcprob	b	K	E	2	1013.8	27.5	25.6	85	31.3			
10	Cb Cu	Ac	Ci	5	9	2500		bccprq	cpro	K	ENE	4	1014.8	27.5	25.9	88	32.2			
11	Cb Cu	As Ac	Ci	3	9+	2500		crobclc	cjpr	M	NW	2	1014.9	26.3	24.7	87	29.8			
12	Cu Sc	-	-	1	1	3500		crorobcb	b	M	ESE	5	1013.9	27.2	24.0	72	27.3			
13	Cu Cb	Ac	-	1	2	2500		bbcprob	bjpr	K	ESE	5	1014.4	27.3	24.8	81	29.3			
14	Cu	Ac	Ci	1	3	3000		bbc	bc	M	CALM	0	1014.0	27.1	24.2	78	27.9			
15	Cb Cu	Ac	-	3	8	2500		oRRcrorо	cjpr	M	CALM	0	1012.4	25.3	23.3	84	27.0			
16	Cb Sc	Ac	Ci	2	5	2500		cbcpro	bcjpr	M	E	4	1011.3	27.4	24.2	76	27.6			
17	Cu Sc	Ac As	Ci	2	8	2500		bccpro	c	K	E	4	1012.3	26.0	24.1	85	28.5			
18	Cu	-	Ci	Tr.	8	3000		cjprbc	c	M	E	3	1012.9	27.5	25.1	82	30.0			
19	Cu Cb	Ac	Ci	3	3	2500		bcrororо	bcjpr	M	S	2	1014.8	26.2	24.7	88	29.9			
20	Cu Sc	Ac	-	3	3	2500		bcb	bc	M	CALM	0	1013.2	27.0	24.7	82	29.3			
21	Cu	Ac	Ci	2	2	3000		bcjprb	b	M	CALM	0	1013.2	28.0	24.7	75	28.5			
22	Cu Sc	Ac As	-	4	9	2500		bccorо	cjpr	M	ESE	3	1014.3	26.0	23.6	81	27.2			
23	Cu	Ac	Ci	2	7	2500		cbc	bc	K	E	3	1014.2	26.4	22.4	69	23.9			
24	Cu	Ac	-	Tr.	2	3000		bcb	b	K	SSE	3	1014.1	28.2	23.9	69	26.2			
25	Cu Sc	Ac	Ci	3	4	2500		bc	bc	K	ESE	4	1012.8	28.6	25.2	74	29.2			
26	Cu	Ac	-	2	3	2500		bcjprpr	bc	K	E	3	1012.2	28.5	25.2	75	29.4			
27	Cu	Ac	-	2	2	2500		bccbc	b	M	WSW	1	1012.5	28.1	24.0	70	26.5			
28	Cu Sc	-	-	8	8	2500		bcprobc	cpro	K	ESE	2	1011.8	27.5	24.8	79	29.2			
29	Cu Cb	Ac	-	6	9+	2000		oRqpro	cjpr	K	SW	1	1010.9	26.2	24.2	84	28.6			
30	Cu	Ac	-	3	3	2500		bcb	bc	M	CALM	0	1011.6	27.8	24.5	75	28.1			
31																				
Means	-	-	-	2.7	5.0	2600		-	-	-	-	2.5	1013.4	27.2	24.4	78	28.4			

International Seismological Centre

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APIA OBSERVATORY.

METEOROLOGICAL OBSERVATIONS.

3 p.m. SEPTEMBER 1945.

Day of Month.	Cloud. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed ; Height Ratio.
1	Sc	Ac As	-	3	9+	2500		bcjprpro	c	K	ESE	4	1009.7	27.2	25.0	83	29.9			
2	Cu Sc	Ac	Ci Cs	Tr.	6	2500		bcjpr	bc	K	ESE	5	1011.1	27.5	25.2	82	30.2			
3	Sc Cu	-	Ci	4	4	2500		bcjpr	bcjpr	K	E	2	1010.4	29.4	25.9	75	30.6			
4	Cu	Ac	-	2	2	3000		b	b	K	E	6	1011.6	28.8	26.0	79	31.4			
5	Cu Sc	Ac As	-	3	9+	2500		bcjpr	cjpr	K	E	6	1012.8	28.2	24.2	71	27.0			
6	Cu	Ac	-	2	4	2500		bc	bc	K	E	6	1012.2	28.8	25.2	74	29.2			
7	Cu Cb	-	-	2	2	2500		b	b	K	E	6	1011.5	28.4	25.2	76	29.5			
8	Cu Sc	Ac	-	3	3	3000		b	bc	K	E	6	1010.5	28.4	25.1	75	29.2			
9	Cu Cb	Ac	Ci	4	7	2500		bbcjpr	bcjprpr	K	E	4	1011.5	27.8	26.0	86	32.2			
10	Cu Cb	Ac	Ci	4	8	2500		cjpr	cjpr	K	ESE	3	1011.7	27.5	25.3	83	30.5			
11	Cb Cu	As	Ci	6	9	2000		cjpr	cpro	K	S	1	1012.4	26.3	24.1	83	28.3			
12	Cu Cb	Ac	-	2	2	2500		bjpr	bjpr	K	E	6	1011.4	28.6	25.0	74	28.8			
13	Cu Sc	-	-	1	1	3000		bjpr	b	K	E	5	1011.4	29.0	25.5	74	29.8			
14	Cb Cu	Ac	Ci	4	6	2500		bcjpr	bcjpr	K	ENE	4	1010.0	29.2	25.8	75	30.5			
15	Cu Cb	Ac	-	7	9	2500		cpro	c	K	E	4	1009.6	27.0	24.2	78	28.0			
16	Cb Sc	Ac	Ci	4	7	2500		bcpro	bcjpr	K	E	6	1008.1	28.4	25.0	75	29.0			
17	Cu Sc	Ac As	Ci	3	8	2500		cpro	c	K	ESE	6	1009.3	26.9	25.0	85	30.2			
18	Cu Sc	Ac	Ci	3	7	2500		cbcpro	bcjpr	K	ENE	3	1011.0	29.0	26.0	78	31.2			
19	Cu	Ac	Ci	3	4	2500		bbc	bc	M	ENE	3	1011.5	28.5	25.0	74	28.9			
20	Cu Cb	Ac	Ci	3	5	2500		bcjprt	bcjpr	M	ESE	1	1010.6	28.8	25.8	78	30.8			
21	Cu Cb	Ac As	Ci	4	8	2500		bbcjpr	cjpr	M	ESE	3	1011.0	28.3	25.0	75	29.0			
22	Cu Sc	Ac As	Ci	4	8	2500		cjprpr	c	K	ESE	3	1011.7	27.5	23.9	73	26.8			
23	Cu	Ac	Ci	3	4	2500		bc	bc	K	E	6	1012.0	28.0	23.8	69	26.1			
24	Cu	Ac	Ci	2	6	2500		bbc	bc	K	E	6	1011.3	28.5	25.0	74	28.9			
25	Cu	Ac	Ci	1	4	2500		bc	bc	K	E	4	1009.4	29.0	26.0	78	31.2			
26	Cu	Ac	Ci	3	4	2500		bc	bc	K	E	3	1009.7	29.5	25.1	69	28.3			
27	Cu	Ac	-	7	8	2500		bc	c	M	E	2	1009.6	29.0	25.0	71	28.5			
28	Cu Cb	As	-	5	10	1500		cjproro	orero	K	SSE	1	1008.8	25.7	24.9	93	30.9			
29	Fs Cb	Ac	-	7	9+	2000		coroR	ojpr	K	W	2	1009.3	27.0	25.0	84	30.1			
30	Cu	Ac	-	3	4	2500		bbc	b	M	N	2	1010.1	28.1	25.0	77	29.2			
31																				
Means	-	-	-	3.4	6.0	2500		-	-	-	-	4.0	1010.7	28.1	25.1	77	29.5			

International Seismological Centre

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METEOROLOGICAL OBSERVATIONS.

September 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	28.6	23.3	22.6		6.2	1.9		0.8
2	29.9	24.1	22.7		Tr.	7.9		2.9
3	30.0	25.2	22.8		Tr.	9.6		3.4
4	29.8	23.0	21.1		43.7	10.2		3.1
5	29.6	25.4	22.9		4.0	2.9		2.4
6	29.2	24.0	22.2		-	8.4		5.4
7	28.9	23.8	21.8		-	10.9		4.0
8	28.9	23.0	20.6		2.2	10.2		4.4
9	29.8	24.4	22.8		16.9	8.7		1.8
10	29.6	24.0	23.3		Tr.	5.7		2.5
11	29.0	23.5	21.9		4.2	3.2		2.8
12	28.9	22.6	20.6		Tr.	11.3		3.8
13	29.5	23.3	21.8		-	11.1		2.9
14	29.8	22.5	20.9		51.0	7.7		1.3
15	28.3	22.6	21.9		Tr.	5.5		2.4
16	29.4	23.0	21.0		Tr.	7.5		3.3
17	27.9	23.8	22.2		1.7	1.6		1.8
18	29.5	23.1	21.1		15.4	9.4		1.7
19	29.0	23.4	21.9		-	9.4		2.7
20	29.8	23.1	21.7		-	8.7		2.3
21	30.0	23.2	21.7		8.5	8.1		2.3
22	29.0	22.8	21.7		Tr.	2.1		2.7
23	28.3	22.5	20.4		-	6.7		3.2
24	29.2	21.8	19.5		-	8.6		-
25	29.5	23.0	21.7		5.6	11.0		3.2
26	29.8	24.5	20.4		-	10.5		2.8
27	29.7	23.0	21.6		12.4	9.1		2.4
28	29.4	23.2	22.2		48.2	4.4		0.4
29	27.9	23.0	22.8		12.3	0.5		1.0
30	28.7	22.4	21.1		-	10.6		2.2
31								
Total -	-	-	-		232.3	223.4		75.9
Mean	29.2	23.3	21.7		-	7.4		2.5

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METEOROLOGICAL OBSERVATIONS.

9 a.m. OCTOBER 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cu	-	Ci Cs	Tr	5	3000		b	bc	M	CALM	0	1013.3	27.7	24.2	74	27.4			
2	Cu Sc	Ac	-	4	5	2500		cprbc	bcpro	M	E	4	1014.0	27.2	24.7	81	29.1			
3	Cu Sc	As Ac	Ci	4	8	2500		bctproc	c	M	ESE	3	1014.7	28.0	25.0	77	29.3			
4	Cu	Ac	Ci	3	4	3000		crrqbc	bc	K	ESE	4	1013.9	27.7	24.9	79	29.3			
5	Cu	Ac	Ci	2	4	3000		bc	bc	K	ESE	5	1014.3	28.0	25.8	83	31.5			
6	Cu	-	Ci	1	3	3000		bc	bc	M	E	4	1013.1	28.1	24.1	71	26.8			
7	Cu Sc	As Ac	-	5	8	2500		bcprc	cjpr	K	E	3	1012.5	27.2	24.5	79	28.6			
8	Cu	As Ac	-	1	9+	2500		bc	c	K	E	4	1011.5	27.0	24.4	74	27.8			
9	Cu	As	-	Tr.	10	2000		crrqc	ororo	K	NW	1	1012.8	23.2	22.0	89	25.5			
10	Cb Sc	As	-	6	10	1000		c	jr/pro	H	E	3	1012.0	25.8	24.7	91	30.3			
11	Cu Cb	Ac	-	3	3	2000		oprobc	bcjpr	K	ESE	2	1011.2	28.2	25.1	77	29.4			
12	Cu	-	Ci	2	2	2500		bc	b	M	ESE	1	1012.1	28.2	25.3	78	29.9			
13	Sc Cb	Ac	-	5	5	2000		bc	bcjpr	K	SW	1	1012.1	28.0	25.2	79	29.8			
14	Sc Cb	As	-	7	9+	2500		bcproo	cjpr	M	N	1	1012.9	27.2	24.3	78	28.1			
15	Cb Cu	As Ac	Ci	4	6	3000		obc	bcjpr	M	N	2	1012.2	25.8	24.2	87	28.9			
16	Cu	Ac	Ci	2	6	3000		cb	bc	M	CALM	0	1011.9	27.6	23.6	70	25.9			
17	Cu	-	Ci	1	2	3000		bcb	b	M	E	2	1012.6	28.5	24.8	73	28.3			
18	Cu Sc	Ac	Cs	4	7	2500		cbc	bc	M	E	1	1012.6	29.1	25.3	72	29.2			
19	Cu	Ac	Ci	Tr.	2	3000		coprbc	bc	M	CALM	0	1010.3	27.7	24.2	74	27.4			
20	Cu Sc	-	Ci	4	5	3000		bccprobc	bc	M	CALM	0	1010.7	28.8	25.4	74	29.7			
21	Cu Sc	Ac As	Ci	5	9	2500		bcoc	c	K	ENE	2	1011.8	29.0	25.9	77	30.9			
22	Cu	Ac	Ci	1	5	3500		cbc	bc	M	ENE	2	1014.4	28.6	25.0	74	28.8			
23	Cu Cb	-	Cc Ci	3	6	2500		bccpr	jp/pr	K	ESE	1	1012.1	28.0	26.0	85	32.0			
24	Cu	-	Ci	2	3	2500		bc	bc	M	ESE	1	1010.7	29.3	25.5	73	29.6			
25	Cu Cb	Ac	Ci	4	7	2500		bccljpr	bcjpr	M	ENE	2	1010.9	29.8	26.0	73	30.6			
26	Cu Cb	Ac	Ci	2	8	2500		cPRqbc	cjpr	M	E	1	1012.6	29.0	25.4	74	29.6			
27	Fs	As	-	2	10	1000		coiRql	oRRq	H	NE	4	1013.3	25.4	24.7	94	30.6			
28	Cu Cb	Ac	Ci Cc	3	4	2500		cjprbc	bcjpr	M	NE	1	1012.5	28.2	25.1	76	29.4			
29	Cu Sc	As	-	4	9	2000		cjpropr	cjpr	K	CALM	0	1012.7	26.0	25.1	93	31.2			
30	Cu	Ac As	-	2	9	2500		cjpropr	c	K	ESE	4	1013.0	29.0	26.3	80	32.1			
31	Cb Cu	As	-	3	9	2500		bcpoltpr	cpr	K	E	5	1013.5	26.8	24.1	79	27.9			
Means	-	-	-	2.9	6.3	2500		-	-	-	-	2.1	1012.5	27.7	24.9	79	29.2			

International Seismological Centre

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APIA OBSERVATORY. METEOROLOGICAL OBSERVATIONS. 3 p.m. OCTOBER 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cu Sc	-	-	8	8	2500		bc	c	M	ENE	1	1010.8	28.4	25.0	75	29.0			
2	Cu	Ac	Ci	2	3	2500		bcprobc	bc	K	E	5	1011.0	28.7	25.2	74	29.2			
3	Cu Sc	As	-	2	9	2500		cjpr	c	K	ESE	4	1011.9	27.7	24.3	74	27.7			
4	Cu	-	Ci	1	3	3000		bc	bc	K	E	3	1012.1	29.6	26.0	74	30.7			
5	Cu	-	Ci	2	3	3000		bc	bc	K	ENE	5	1010.9	28.7	24.8	72	28.2			
6	Cu Sc	Ac	Ci	3	5	2500		bc	bc	M	E	6	1009.7	28.7	24.6	70	27.7			
7	Cu Sc	Ac	-	4	5	2500		cjpr	bc	K	E	5	1009.6	28.4	25.3	77	29.8			
8	Cu	Ac As	Ci	1	9+	2500		c	c	K	E	3	1009.1	29.8	25.4	69	28.9			
9	Cu Sc	As	Ci	1	9+	2500		c	c	M	E	5	1009.2	27.7	24.6	77	28.5			
10	Cb Sc	As	-	6	9+	1500		ojpr	opro	K	SE	2	1009.4	26.0	24.7	89	30.1			
11	Cb Cu	Ac	Ci	3	3	2500		bcpro	bc	M	E	3	1008.8	29.1	25.9	77	30.9			
12	Cu Sc	Ac	Ci	1	4	2500		bc	bc	M	NNW	2	1009.6	28.7	25.2	74	29.2			
13	Cu Sc	Ac	Ci	3	7	2500		cpro	bc	M	NW	2	1009.4	27.9	25.0	78	29.4			
14	Fs Sc	As Ac	-	8	10	1500		cjpropr	ojpr	K	E	1	1010.3	25.4	24.0	88	28.7			
15	Sc Cu	Ac As	-	6	9	1500		bcc	cjpr	K	N	2	1009.2	27.2	24.5	79	28.6			
16	Cu	Ac	Ci	3	5	2500		bc	bc	M	ENE	2	1009.6	29.3	24.4	65	26.6			
17	Cu Cb	Ac As	Ci	3	8	3000		b	cjpr	M	E	2	1009.6	27.5	25.2	82	30.2			
18	Cu Cb	Ac As	Ci	6	9	2500		bcoc	cjpr	M	E	1	1009.2	28.4	25.1	75	29.9			
19	Cu Cb	-	Ci	3	4	3000		bc	bcjpr	M	NNW	2	1008.0	28.5	25.1	75	29.1			
20	Cu Sc	-	Ci	4	6	3000		bc	bc	M	N	3	1008.4	28.6	25.2	75	29.3			
21	Cu Sc	Ac As	Ci	1	8	2500		c	c	M	NNE	2	1010.2	28.7	24.7	71	27.9			
22	Cu Cb	-	Ci	1	4	2500		bc	bcjpr	M	E	4	1012.1	30.0	26.4	74	31.5			
23	Cu Cb	Ac	Ci	2	3	3000		bcpro	bcjpr	M	E	3	1009.5	30.2	26.7	75	32.2			
24	Cu Cb	Ac	Ci	2	3	2500		bc	bcjpr	M	NE	1	1008.5	29.4	25.4	71	29.2			
25	Cu Cb	As Ac	Ci	4	8	2500		cjpr	cjpr	K	NNW	1	1009.2	29.0	25.2	72	29.0			
26	Cu Cb	Ac	Ci	3	6	2500		bc	jp/prq	M	ENE	2	1010.5	28.1	25.1	77	29.5			
27	Fs Cb	As	-	4	10	2500		oRRqlt	jr/Rq	K	W	2	1011.7	24.0	22.1	84	25.1			
28	Sc Cb	Ac As	Cs	3	9	2500		bccprq	cjpr	M	ESE	3	1010.5	26.2	25.0	90	30.7			
29	Cu Sc	Ac	-	2	3	2500		cprq	bc	K	E	1	1009.7	29.4	26.0	75	30.9			
30	Cu	-	Ci	3	7	2500		coc	bc	K	E	4	1010.2	30.5	27.0	75	32.9			
31	Cu	As	-	Tr.	10	3000		ororo	o	K	ESE	2	1010.0	27.0	24.7	82	29.3			
Means	-	-	-	3.1	6.5	2500		-	-	-	-	2.7	1009.9	28.3	25.1	76	29.4			

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METEOROLOGICAL OBSERVATIONS.

October 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	29.7	23.2	20.9		0.3	7.9		1.9
2	29.3	23.0	21.3		Tr.	7.7		2.8
3	29.1	24.0	22.5		19.5	3.0		2.1
4	30.2	23.2	22.4		-	10.3		3.2
5	29.5	24.9	22.7		-	11.2		3.5
6	29.2	22.3	20.5		0.4	10.4		3.6
7	30.1	23.0	21.6		-	8.3		3.6
8	30.1	25.7	24.4		24.6	4.4		2.1
9	27.9	22.7	21.1		-	1.8		2.2
10	28.3	22.9	19.4		1.2	0.9		1.8
11	29.6	23.0	21.1		0.5	9.4		2.2
12	29.6	23.4	21.2		23.0	10.8		2.5
13	28.7	24.3	22.7		0.3	3.6		2.3
14	28.3	24.6	22.9		2.6	2.0		1.2
15	28.4	23.0	21.1		0.4	6.9		1.6
16	29.0	23.3	21.1		-	10.6		2.8
17	30.0	23.0	21.1		-	8.5		2.6
18	29.0	23.5	21.6		1.0	3.8		1.9
19	29.3	24.0	22.2		Tr.	10.9		2.3
20	29.9	24.6	22.6		-	11.0		2.7
21	29.9	24.7	22.2		-	8.4		2.9
22	30.7	23.4	21.2		2.3	11.0		3.0
23	30.9	25.5	22.7		-	10.6		2.9
24	30.2	24.7	22.3		-	10.9		3.1
25	30.3	24.8	22.4		3.8	6.8		2.5
26	31.0	24.7	23.3		40.7	8.8		1.1
27	28.4	24.2	23.2		57.2	0.0		1.5
28	30.1	22.8	21.5		17.8	5.5		0.4
29	30.5	24.0	22.5		5.2	6.4		1.2
30	31.0	25.1	24.3		11.2	7.9		1.3
31	28.0	22.5	21.2		52.8	0.0		1.1
Total -	-	-	-		264.8	219.7		69.9
Mean	29.6	23.8	22.0		-	7.1		2.3

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METEOROLOGICAL OBSERVATIONS.

9 a.m. NOVEMBER 1945.

Day of Month.	Cloud. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cu Sc	Ac	Ci	4	8	2500		ojprtlR	cjpr	K	E	3	1012.3	27.5	25.1	82	30.0			
2	Cu	Ac	-	3	8	2500		copro	c	K	ESE	2	1011.5	28.0	25.2	79	29.8			
3	Cu Cb	-	Ci	3	4	2500		bcjpr	bcjpr	K	ESE	3	1011.3	28.1	24.4	73	27.6			
4	Cu	Ac	Ci	2	8	2500		orqcproor	c	K	SE	2	1011.1	27.0	24.6	81	29.0			
5	Cu	Ac	Ci	2	6	2500		oprqtl	bc	M	ESE	2	1011.2	27.2	24.4	79	28.3			
6	Cb Fs	As	-	6	10	2000		oRR	opro	K	SSE	1	1012.3	24.4	23.2	90	27.5			
7	Cb Fs	As	-	6	9+	2500		orrc	cjpr	K	ESE	2	1009.2	27.1	25.0	83	30.0			
8	Cu Sc	Ac	-	4	6	2500		ororo	bc	M	S	1	1006.1	27.4	25.0	81	29.8			
9	Cu Sc	As	-	4	10	2000		oRRoro	ojpr	K	ESE	1	1004.3	24.0	23.0	91	27.3			
10	Cu Sc	Ac As	-	3	9+	2500		coRRc	c	M	E	4	1006.6	27.3	24.0	76	27.3			
11	Sc Cu	Ac	Ci	4	9+	2500		c	c	K	CALM	0	1007.8	27.0	24.3	79	28.2			
12	Sc Cb	As	-	6	9+	2000		oRR	cjpr	K	SSW	2	1009.4	24.7	23.9	93	29.0			
13	Cu	Ac As	-	3	8	2500		opro	cpro	M	ESE	2	1009.9	27.6	24.9	79	29.3			
14	Cu	Ac	Ci	1	6	2500		cqproc	bc	M	ESE	2	1010.2	28.8	25.8	78	30.8			
15	Cu	-	-	2	2	3000		bc	b	K	ESE	3	1011.1	28.7	26.1	81	31.7			
16	Cu Sc	-	Ci	1	3	3000		bc	bcjpr	M	E	3	1010.7	29.5	26.2	76	31.4			
17	Cb Sc	As	-	2	10	1000		oRRtlo	orr	G	ESE	2	1013.0	23.7	22.1	87	25.3			
18	Cu	Ac	-	1	2	3000		ocbc	b	M	ENE	1	1011.2	28.1	24.4	73	27.6			
19	Cb Cu	Ac	-	3	3	3000		bcjpr	bcjpr	K	E	3	1010.6	26.5	24.2	82	28.4			
20	Sc Cu	Ac	-	3	9+	2500		bccopro	c	K	E	1	1010.3	28.4	25.3	77	29.8			
21	Cu Sc	-	Ci	Tr.	1	3000		cprobc	b	M	CALM	0	1010.8	28.8	25.0	72	28.6			
22	Cu	Ac	-	1	2	2500		bbcb	b	M	WNW	2	1010.8	27.5	24.6	78	28.6			
23	Cu Cb	Ac	-	3	3	2500		bctcbc	bcjpr	M	ENE	2	1012.9	28.2	25.1	76	29.4			
24	Cu Cb	-	Ci	3	3	2500		bbc	bcjpr	M	E	2	1012.1	29.7	25.5	70	29.3			
25	Cu Sc	Ac	-	2	2	2500		bc	bc	M	E	5	1011.3	29.5	26.0	73	30.8			
26	Cu	Ac	Ci	2	7	2500		bcoc	bc	M	CALM	0	1010.7	29.2	24.0	63	25.7			
27	Sc	Ac As	Ci Cs	2	9+	2500		corrc	c	M	WNW	1	1009.7	27.1	23.6	73	26.3			
28	Cu Cb	Ac As	-	8	9+	1500		corrc	cjpr	K	ENE	1	1008.3	26.1	24.5	87	29.5			
29	Cu Sc	Ac As	Ci	5	9	2000		corrbc	c	M	E	1	1008.1	27.6	24.6	77	28.5			
30	Cu	Ac As	Ci	1	8	2000		cprooc	c	M	CALM	0	1008.9	27.4	24.8	80	29.2			
31																				
Means	-	-	-	3.0	6.6	2400		-	-	-	-	1.8	1010.1	27.4	24.6	79	28.8			

International Seismological Centre

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APIA OBSERVATORY. METEOROLOGICAL OBSERVATIONS. 3 p.m. NOVEMBER 1945.

Day of Month.	Cloud. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	At Time.	Visibility.	Wind. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed: Height Ratio.
1	Cu	Ac	Ci	1	8	2500		cjpbcpro	c	M	E	3	1009.1	28.6	25.8	79	31.0			
2	Cu	-	Ci	2	3	2500		cbc	bc	M	NNE	1	1009.1	29.4	25.2	70	28.7			
3	Fc Cb	As	-	3	10	1500		bcjpcproq	oqrr	H	ENE	7	1010.1	27.2	24.9	82	29.7			
4	Cb Cu	Ac	Ci	3	7	2500		cbcjpr	bcjpr	M	ESE	3	1009.3	27.8	24.9	78	29.2			
5	Cu	Ac	-	5	7	2500		c	bc	K	E	3	1009.1	28.9	25.8	77	30.7			
6	Cu Cb	As	-	6	10	2000		cororopro	ororo	K	CALM	0	1008.7	26.3	24.0	82	28.0			
7	Cu Cb	As	-	6	9	2500		oroRR	c	M	SSW	1	1006.9	26.9	23.8	76	27.0			
8	Fs Cb	As	-	6	10	1500		oro	orr	H	N	2	1004.5	24.8	24.0	93	29.2			
9	Cu Fs	As	-	6	9+	2000		orrroroc	cjpr	M	NE	1	1002.2	26.7	24.0	79	27.7			
10	Cu Sc	As	-	6	9+	2500		corrc	c	M	ESE	5	1004.8	27.0	23.7	75	26.7			
11	Cu Sc	As	-	5	9+	2500		c	cpro	K	NE	1	1005.7	27.3	24.5	79	28.5			
12	Fc Cu	As	-	5	10	2000		corr	o	M	WNW	4	1007.1	26.0	24.2	86	28.8			
13	Cb Sc	Ac	-	6	8	1500		cPRqpr	cjpr	H	ESE	3	1007.5	26.5	25.0	88	30.5			
14	Cu	Ac	Ci	2	7	2500		bc	bc	M	E	2	1008.3	29.4	26.0	75	30.9			
15	Cu	-	Ci	2	3	2500		b	bc	M	ENE	4	1008.7	29.6	27.0	81	33.6			
16	Cu Cb	Ac	Ci	6	8	2500		cjpr	c	M	E	3	1008.7	29.3	26.3	78	31.8			
17	Cu	As	-	Tr.	10	3500		ororo	o	M	CALM	0	1008.3	26.5	24.1	81	28.1			
18	Cu Sc	Ac	-	7	9	2500		bbc	c	M	CALM	0	1009.0	28.7	24.4	69	27.1			
19	Cu Sc	Ac	Ci Cs	2	6	2500		bcjprc	bc	M	ENE	2	1008.7	29.0	25.5	74	29.8			
20	Sc Cu	Ac As	Ci	3	9	2500		ctprojpr	c	M	ENE	2	1008.3	28.5	25.0	74	28.9			
21	Cu Sc	Ac	Ci	1	1	2500		b	b	M	ENE	2	1009.1	29.7	25.3	69	28.7			
22	Cb Cu	Ac As	Ci	2	9	2500		bct	c	M	E	4	1009.4	29.4	26.5	79	32.3			
23	Cu	-	-	1	1	2500		bcjprb	b	M	E	4	1010.4	30.1	26.6	75	32.0			
24	Cu	Ac	Ci	2	7	2500		bcjprb	bc	K	E	6	1010.0	29.3	26.1	77	31.3			
25	Cu Sc	Ac	Ci	2	3	2500		bc	bc	K	E	6	1008.5	29.8	26.0	73	30.6			
26	Cu Cb	Ac As	-	6	9	2500		bcjpr	cpro	M	ESE	3	1007.5	28.2	25.1	76	29.4			
27	Sc Cu	Ac As	Ci	5	9+	2500		cjpr	cjpr	M	E	5	1006.1	28.7	25.6	77	30.3			
28	Cu Sc	Ac As	-	6	10	2000		cjprt	cjpr	K	W	1	1006.2	27.3	25.4	85	30.9			
29	Cu Sc	Ac As	-	6	9	2000		c	c	M	E	2	1006.4	27.2	24.4	79	28.3			
30	Sc	Ac	Ci	3	8	2000		c	cjpr	M	NE	1	1007.2	29.0	25.0	71	28.5			
31																				
Means	-	-	-	3.9	7.7	2300		-	-	-	-	2.7	1007.8	28.1	25.1	78	29.6			

International Seismological Centre

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METEOROLOGICAL OBSERVATIONS.

November 1945.

Day of Month.	Thermometers. Maximum (°C)	Minimum (°C)	Grass Minimum (°C)	Black Bulb in vacuo (°)	Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
1	29.2	22.8	21.6		14.7	5.3		1.6
2	30.0	23.1	20.9		-	7.5		2.8
3	29.2	23.9	22.2		17.7	3.9		1.6
4	30.4	24.0	22.8		3.8	5.6		2.3
5	28.9	24.0	22.4		73.0	5.4		0.5
6	27.4	23.2	22.2		53.8	0.0		1.0
7	28.0	22.4	21.9		13.1	1.2		1.2
8	28.2	23.2	21.3		59.0	1.6		0.8
9	27.6	22.5	21.7		32.9	0.3		1.3
10	28.3	23.6	22.7		-	0.7		2.5
11	29.9	23.7	21.1		94.4	6.3		1.7
12	28.6	21.8	22.3		5.1	0.0		1.6
13	29.1	23.4	22.2		10.3	5.1		2.2
14	30.0	23.3	22.1		-	10.2		2.8
15	29.9	23.6	21.9		-	10.7		3.4
16	30.4	23.2	21.7		45.3	7.5		1.4
17	28.2	22.8	22.7		0.5	0.0		2.3
18	30.0	22.5	21.2		-	9.1		3.9
19	29.5	23.4	22.2		Tr.	8.5		2.4
20	30.0	24.2	23.2		3.9	2.6		2.2
21	30.0	23.2	21.7		-	12.1		2.8
22	30.2	23.5	22.2		-	7.6		2.4
23	30.5	23.9	22.2		-	12.0		3.3
24	30.2	23.8	21.2		-	9.0		3.7
25	30.9	23.5	21.3		-	9.5		4.2
26	31.2	23.2	21.7		30.1	7.2		2.5
27	29.9	23.0	21.7		5.5	5.8		2.8
28	30.0	24.0	23.1		1.5	2.1		1.6
29	29.2	23.1	21.3		Tr.	6.6		2.7
30	29.9	23.6	21.8		2.0	7.8		2.6
31								
Total	-	-	-		466.6	171.2		68.1
Mean	29.5	23.3	21.9		-	5.7		2.3

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APIA OBSERVATORY. METEOROLOGICAL OBSERVATIONS. 3 p.m. DECEMBER 1945.

Day of Month.	CLOUD. Form. Low.	Medium.	High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	WEATHER. Since previous Observation.	At Time.	Visibility.	WIND. Direction.	Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	TEMPERATURE AND HUMIDITY. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	UPPER CLOUD. Type observed.	Direction whence coming.	Speed : Height Ratio.
1	Cu Sc	Ac	Ci	2	6	2000		c	bc	M	ENE	2	1008.0	29.5	26.2	76	31.4			
2	Cu Sc	Ac	Ci	4	10	2000		ojpr	o	M	NW	1	1009.9	29.3	25.0	69	28.2			
3	Cu	Ac	Ci	3	6	2500		bcjpr	bc	M	CALM	0	1011.2	29.1	25.1	71	28.7			
4	Cu	Ac	Ci	3	7	2500		cjpr	bc	M	E	5	1009.2	29.9	26.1	73	30.8			
5	Cu Cb	Ac	Ci	2	8	2500		bcc	cjpr	K	E	5	1007.9	28.4	25.0	75	29.0			
6	Cu Cb	Ac	Ci	3	6	2500		bc	bcjpr	M	E	4	1006.4	28.1	25.0	77	29.2			
7	Cu	Ac	Ci	3	9	2500		bcjprcpro	o	M	ENE	1	1006.9	28.9	25.6	76	30.2			
8	Cu	Ac As	Ci	2	9	2500		cjpopro	c	M	ENE	2	1007.7	27.5	25.1	82	30.0			
9	T.Cu Sc	Ac	-	4	6	2500		oprocbc	bc	M	E	3	1006.5	29.7	26.0	73	30.7			
10	Cu Cb	Ac	Ci	3	4	2500		bcjp	bcjp	M	ENE	2	1005.2	29.9	26.0	72	30.5			
11	Cu Cb	Ac As	Cs Ci	4	9+	2500		cjp	cjp	M	CALM	0	1004.6	29.1	25.2	72	28.9			
12	Cu Cb	Ac	Ci Cc	3	9	2500		cjp	cjp	M	N	1	1005.6	29.2	26.2	78	31.6			
13	Cu Sc	As	Ci	3	9	2500		cjp	cjp	M	N	1	1005.5	29.3	25.9	75	30.7			
14	Cb Cu	Ac	Ci	3	5	2000		bcpro	bcjp	M	ESE	2	1005.6	29.1	26.0	77	31.1			
15	Cb Cu	As Ac	Ci	5	8	1500		bcjpc	cpro	M	CALM	0	1005.9	27.5	25.4	84	30.8			
16	Cu Cb	Ac	Ci	1	4	2500		bc	bcjp	M	NW	3	1005.3	29.8	25.0	66	27.8			
17	T.Cu Cb	Ac	Ci	3	9	2500		c	cjp	M	NW	3	1007.9	29.4	25.5	75	30.6			
18	Cb Cu	As	-	6	9+	2000		cjpoprot	cjp	M	ENE	3	1008.3	28.8	26.1	80	31.7			
19	T.Cu Cb	Ac	-	7	9	2500		cjpot	cjp	M	WSW	1	1006.6	28.0	24.4	73	27.7			
20	Cb Fs	As	-	5	10	1200		oir	or	K	SSE	1	1006.4	25.3	24.2	91	29.3			
21	Cb Fs	As	-	6	10	2000		oir	ojp	K	ENE	5	1007.7	28.2	25.5	80	30.5			
22	Sc T.Cu	Ac	Ci	5	8	2500		oip	cjp	K	E	4	1008.5	30.2	26.9	76	32.8			
23	Cu Sc	As	-	2	9+	2000		cjp	c	K	NE	3	1008.0	28.3	25.4	78	30.1			
24	Cu	-	Ci	2	5	2500		bc	bc	K	E	2	1008.0	30.4	25.5	66	28.7			
25	Cu Cb	Ac As	-	4	7	1500		cpro	cjp	K	NE	2	1006.9	28.3	25.7	80	31.0			
26	Cu Cb	Ac	Ci	3	6	2500		bcpr	bcjp	K	CALM	0	1007.9	28.0	25.1	77	29.3			
27	Cu	Ac	Ci	2	4	2500		bc	bc	M	ENE	3	1010.6	30.4	26.2	71	30.7			
28	Cu Sc	Ac As	-	3	9	2000		bcpr	c	M	E	5	1010.7	29.6	26.2	75	31.3			
29	Cu Cb	-	Ci	4	5	1500		bcpro	bcjpr	K	E	5	1009.1	30.6	26.0	68	29.9			
30	Cu Sc	Ac	-	2	3	3000		cpr	bc	K	CALM	0	1009.0	27.8	25.0	79	29.4			
31	Cb Sc	Ac	Ci	4	7	2500		bc	bcjp	M	NE	1	1008.1	29.7	25.6	71	29.5			
Means	-	-	-	3.4	7.4	2300		-	-	-	-	2.3	1007.6	28.9	25.5	75	30.1			

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METEOROLOGICAL OBSERVATIONS.

December 1945.

Day of Month.	Thermometers.				Rainfall (mm.)	Sunshine (hrs.)	Heat Integrator.	Evaporimeter.
	Maximum (°)	Minimum (°)	Grass Minimum (°)	Black Bulb in vacuo (°)				
1	29.9	24.0	22.9		-	9.4		2.9
2	30.1	24.5	23.3		-	8.5		2.5
3	30.5	24.0	22.7		-	8.2		2.9
4	30.6	24.1	22.7		0.5	6.4		3.0
5	30.5	23.8	22.2		-	7.5		3.3
6	30.0	23.0	21.1		0.8	8.2		3.4
7	30.2	24.1	22.8		4.5	5.2		2.3
8	29.3	23.5	22.3		-	1.2		1.2
9	30.3	23.5	22.1		9.0	6.9		2.2
10	30.1	24.7	23.2		8.1	5.2		2.3
11	29.8	24.4	23.3		17.7	3.8		1.6
12	30.7	24.0	23.3		0.3	4.9		2.3
13	29.9	24.9	23.3		3.5	3.3		2.1
14	30.4	25.3	23.9		0.9	9.3		2.5
15	30.4	25.0	23.8		2.4	9.6		2.5
16	30.5	24.3	22.5		-	11.2		3.0
17	30.3	24.0	22.2		Trace	8.5		2.2
18	30.1	24.2	22.7		1.6	6.7		3.0
19	31.2	23.4	22.2		9.8	7.8		2.6
20	28.4	24.8	22.9		33.5	0.8		0.8
21	29.7	23.9	22.7		24.2	2.7		0.9
22	30.7	23.5	22.3		0.2	7.0		2.3
23	29.4	26.2	24.9		29.7	0.5		2.1
24	30.5	23.5	22.5		0.8	10.7		3.1
25	30.3	25.9	22.4		12.4	9.7		2.2
26	30.0	24.4	22.8		9.9	8.5		1.6
27	30.6	24.5	22.6		-	11.2		3.1
28	30.8	24.3	22.9		7.1	8.7		3.2
29	30.7	24.6	22.9		34.7	7.7		2.4
30	28.8	23.9	23.2		3.0	7.2		1.4
31	29.9	23.5	22.1		-	9.3		2.5
Total	-	-	-		214.6	215.8		73.4
Mean	30.1	24.2	22.8		-	7.0		2.4

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APIA OBSERVATORY METEOROLOGICAL OBSERVATIONS.

9 a.m. DECEMBER 1945.

Day of Month.	Cloud. Form. Low.	Form. Medium.	Form. High.	Amount of Low.	Total Amount.	Height of Base.	How Height was obtained.	Weather. Since previous Observation.	Weather. At Time.	Visibility.	Wind. Direction.	Wind. Force (Beaufort Scale).	Barometer reduced to M.S.L. (Millibars).	Temperature and Humidity. Dry Bulb (°).	Wet Bulb (°).	Relative Humidity (%).	Vapour Pressure (Millibars).	Upper Cloud. Type observed.	Direction whence coming.	Speed; Height Ratio.
1	Cu Sc	Ac	Ci	1	9	2000		cpr°oc	c	M	NE	1	1010.0	28.2	24.7	74	28.3			
2	Cu Cb	Ac	Ci	6	10	2000		bcco	ojp	M	ENE	1	1011.0	29.0	25.0	71	28.5			
3	Cu	-	Ci	2	5	2500		oc	bc	M	S	1	1012.7	29.0	25.2	72	29.0			
4	Cu	Ac	Ci	2	6	2500		bc	bc	M	ENE	1	1012.3	28.5	24.6	71	27.8			
5	Cu	Ac	Ci	1	5	3000		bccpr°l	bc	M	E	3	1010.0	29.0	24.6	68	27.4			
6	Cu	-	Ci	1	2	3000		cjprbc	b	M	E	3	1007.9	29.0	25.0	71	28.5			
7	Cu	Ac	Ci	3	6	2500		bcjpcpr°	bc	K	ESE	4	1008.3	28.0	26.1	85	32.3			
8	Cu Cb	As	-	4	9	2500		opr	opr°	K	CALM	0	1010.1	25.6	24.7	93	30.2			
9	Sc Cu	Ac	Ci	2	5	2500		opr°c	bc	K	ENE	1	1009.1	28.9	25.2	73	29.1			
10	Cu Sc	Ac	Ci	4	8	2500		bccpr	cjpr	K	E	1	1007.8	27.4	24.7	79	29.0			
11	Cu Cb	Ac As	Ci	1	9	3000		bccPRr°	cjp	M	NW	1	1006.4	27.7	25.0	79	29.5			
12	Cu Cb	Ac	Ci Cc	1	9+	2500		coRcr°r°	cjp	M	E	1	1007.4	28.4	25.4	78	30.1			
13	Sc Cu	Ac As	Ci Cs	2	9	2500		cpr°	cjp	M	CALM	0	1008.1	29.0	25.1	72	28.7			
14	Cu Cb	-	-	5	5	2000		cpr	bcjp/pr	M	ESE	1	1008.0	27.3	25.5	86	31.2			
15	Cu Cb	-	Ci	2	3	2500		bcjp	bcjp	M	CALM	0	1008.3	28.9	25.1	72	28.8			
16	Cu	-	Ci	1	3	3000		cbcprb	bc	M	NE	1	1006.9	28.6	25.1	74	29.0			
17	Cu	Ac	Ci	1	4	2500		bcjp	bc	M	NW	1	1009.7	29.2	25.6	74	30.0			
18	Cu	Ac	Ci	2	8	2500		bccopr	c	M	ENE	1	1010.2	29.2	25.5	73	29.7			
19	T.Cu	Ac	Ci	3	9+	2500		opr°tcjp	cjp	M	NW	2	1008.5	28.0	24.9	76	28.7			
20	Cb Fs	As	-	6	10	1200		opr	oir	K	SE	3	1007.4	25.3	24.2	91	29.3			
21	T.Cu Cb	Ac	Ci	4	7	2500		opr°pr	cjp	M	SSE	1	1009.0	27.3	25.0	82	29.8			
22	Cb Sc	Ac As	-	4	10	2000		oirtl	ojp	K	SSW	1	1010.6	26.8	25.0	86	30.2			
23	Cu Cb	Ac As	-	3	9+	1000		opr°	cjp	K	ENE	4	1010.0	27.9	25.9	85	31.8			
24	Cu	Ac	Ci	2	8	2500		cRR°	c	K	E	2	1010.4	29.2	25.3	72	29.1			
25	Cu	Ac	Ci	3	6	2500		bcpr	bc	K	ENE	3	1009.2	28.6	26.9	87	34.1			
26	Cu Cb	-	Ci	5	5	2000		cpr	bcjp	K	ENE	4	1009.8	28.8	25.7	77	30.5			
27	Cu	-	Cs	Tr.	7	3000		bcpr°	bc	M	ESE	1	1012.4	29.1	25.5	74	29.8			
28	Cu Cb	Ac	-	3	3	3000		bcpr°	bcjp	M	E	3	1012.5	30.2	26.1	71	30.5			
29	Cu Cb	Ac	-	6	7	2000		orr	cpr°	K	E	5	1012.1	28.8	25.7	77	30.5			
30	Cu Sc	Ac As	-	4	9+	1500		cRR	cjpr	K	ENE	3	1011.1	27.8	25.7	84	31.4			
31	Cu Sc	Ac	Ci	Tr.	7	2500		bc	bc	M	W	1	1010.3	27.5	25.2	82	30.2			
Means	-	-	-	2.7	7.0	2400		-	-	-	-	1.8	1009.6	28.3	25.3	78	29.8			

International Seismological Centre

METEOROLOGICAL ELEMENTS: EXTREME VALUES, NORMALS AND VARIATIONS, 1945

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Pressure													
Normal (mb.)	1007.6	1008.2	1009.1	1009.8	1010.8	1011.4	1011.7	1012.0	1012.0	1011.2	1009.2	1008.1	1010.1
Variation 1945	+1.5	+ .5	+ .9	- .5	- .2	- .8	- .2	+ .2	+ .1	.0	- .2	+ .6	+ .2
Absolute Maximum	1013.9	1014.0	1014.5	1014.0	1014.2	1016.1	1015.6	1016.6	1015.4	1015.2	1013.0	1013.1	1016.6
Absolute Minimum	1004.3	1003.6	1006.8	1005.3	1006.3	1003.5	1007.8	1009.1	1007.8	1007.8	1002.2	1004.6	1002.2
Temperature													
Normal (°C)	26.36	26.35	26.37	26.28	26.05	25.69	25.38	25.65	25.83	26.10	26.12	26.37	26.05
Variation 1945	+.37	+.34	+.52	+.43	+.13	+.32	+.74	+.21	+.18	+.34	+.05	+.60	+.33
Absolute Maximum	31.2	31.0	31.0	32.0	30.7	30.9	29.9	30.1	30.0	31.0	31.2	31.2	32.0
Absolute Minimum	21.5	22.9	22.5	22.9	21.3	21.8	22.3	20.0	21.8	22.3	21.8	23.0	20.0
Greatest Daily Range..	8.2	7.7	7.6	7.5	7.9	7.9	7.5	8.7	7.4	7.3	8.0	7.8	8.7
Mean Maximum	30.12	29.77	30.25	29.95	29.39	28.98	29.43	29.09	29.23	29.55	29.49	30.15	29.62
Mean Minimum	23.87	24.26	24.16	24.18	23.56	23.57	23.67	23.40	23.35	23.81	23.31	24.25	23.78
Rainfall													
Normal (mm.)	451	381	349	250	162	123	85	95	139	182	263	356	2836
Variation 1945	-185	-34	-2	-32	+65	+218	+44	+90	+93	+83	+204	-141	+403
Sunshine													
Normal (hours)	175	165	197	207	225	223	245	249	229	229	189	186	2519
Variation 1945	+64	+7	+39	-19	-29	-75	+4	-10	-6	-9	-18	+30	-22

International Seismological Centre

PRESSURE: MEANS OF HOURLY VALUES, 1945

From readings in millibars at exact hours (1000 mb. + tabular values)

Hour / Month	1	2	3	4	5	6	7	8	9	10	11	noon	13	14	15	16	17	18	19	20	21	22	23	24	Mean
January	9.49	8.80	8.45	8.25	8.41	8.92	9.75	9.94	10.08	10.09	9.91	9.49	9.05	8.55	8.16	7.69	7.77	8.19	8.95	9.37	9.79	10.14	10.28	10.10	9.15
February	9.39	8.73	8.31	8.06	8.10	8.36	8.96	9.41	9.71	9.75	9.49	9.18	8.68	8.15	7.78	7.41	7.40	7.69	8.40	8.80	9.25	9.55	9.67	9.56	8.74
March	10.61	9.99	9.67	9.45	9.45	9.77	10.47	10.83	11.28	11.28	10.97	10.41	9.68	8.97	8.62	8.44	8.51	8.83	9.55	10.05	10.66	11.00	11.12	10.97	10.02
April	9.71	9.06	8.66	8.53	8.59	8.97	9.69	10.11	10.37	10.66	10.35	9.68	9.06	8.37	7.97	7.72	7.86	8.20	8.88	9.44	10.02	10.22	10.27	10.15	9.27
May	11.03	10.56	10.21	9.91	9.86	10.14	10.79	11.18	11.82	11.89	11.65	10.96	10.30	9.60	9.12	8.97	9.18	9.66	10.31	10.89	11.32	11.47	11.47	11.32	10.57
June	10.92	10.60	10.16	9.95	10.06	10.30	10.82	11.42	11.87	12.17	11.81	11.19	10.41	9.68	9.19	9.03	9.30	9.72	10.26	10.74	11.21	11.37	11.34	11.15	10.61
July	11.82	11.49	11.16	10.84	10.86	11.05	11.55	12.15	12.83	12.92	12.79	12.02	11.29	10.71	10.04	9.85	10.02	10.49	11.11	11.52	12.09	12.23	12.22	12.14	11.47
August	12.54	12.11	11.81	11.55	11.55	11.75	12.44	13.01	13.51	13.77	13.67	12.76	12.12	11.45	10.80	10.62	10.74	11.07	11.75	12.25	12.65	12.87	12.92	12.79	12.16
September	12.29	11.86	11.49	11.33	11.48	11.87	12.60	13.16	13.48	13.55	13.31	12.53	11.86	11.19	10.71	10.59	10.73	11.12	11.77	12.35	12.83	13.02	12.95	12.77	12.12
October	11.25	10.76	10.37	10.35	10.56	11.03	11.68	12.26	12.52	12.46	12.27	11.65	10.95	10.36	9.93	9.81	9.85	10.28	11.00	11.45	11.75	12.02	12.04	11.78	11.1[illegible]
November	9.31	8.75	8.44	8.26	8.41	8.87	9.67	9.88	10.09	10.03	9.86	9.40	8.75	8.22	7.83	7.64	7.67	7.98	8.81	9.28	9.71	9.98	10.08	9.80	9.03
December	9.00	8.26	7.98	7.93	8.15	8.61	9.33	9.54	9.60	9.64	9.29	8.92	8.41	7.92	7.61	7.33	7.39	7.72	8.37	8.98	9.40	9.69	9.82	9.55	8.68
Year	10.61	10.08	9.73	9.53	9.62	9.97	10.65	11.07	11.43	11.52	11.28	10.68	10.05	9.43	8.98	8.76	8.87	9.25	9.93	10.43	10.89	11.13	11.18	11.01	10.25
Wet Season 1944-45	8.84	8.22	7.86	7.68	7.80	8.17	8.90	9.19	9.39	9.42	9.24	8.83	8.33	7.79	7.43	7.12	7.19	7.51	8.19	8.59	9.01	9.29	9.41	9.25	8.44
Dry Season 1945	11.58	11.19	10.83	10.56	10.58	10.81	11.40	11.94	12.51	12.69	12.48	11.74	11.03	10.36	9.79	9.62	9.81	10.24	10.86	11.35	11.82	11.98	11.99	11.85	11.21

International Seismological Centre

PRESSURE: DIURNAL CHANGES, 1945

The departures in millibars from the mean of the day are adjusted for non-cyclic change

Hour / Month	Mean 1000 +	1	2	3	4	5	6	7	8	9	10	11	noon	13	14	15	16	17	18	19	20	21	22	23	24
January	9.15	+0.40	-0.30	-0.65	-0.86	-0.70	-0.20	+0.63	+0.81	+0.95	+0.95	+0.77	+0.34	-0.11	-0.61	-1.01	-1.48	-1.41	-0.99	-0.24	+0.18	+0.59	+0.94	+1.07	+0.88
February	8.74	+0.57	-0.08	-0.49	-0.74	-0.69	-0.42	+0.19	+0.64	+0.95	+1.00	+0.74	+0.44	-0.05	-0.58	-0.94	-1.30	-1.31	-1.01	-0.29	+0.12	+0.57	+0.88	+1.01	+0.91
March	10.02	+0.58	-0.04	-0.36	-0.58	-0.58	-0.26	+0.45	+0.81	+1.26	+1.26	+0.95	+0.39	-0.34	-1.05	-1.40	-1.58	-1.51	-1.18	-0.46	+0.04	+0.65	+0.99	+1.11	+0.96
April	9.27	+0.49	-0.17	-0.57	-0.71	-0.65	-0.27	+0.44	+0.86	+1.11	+1.40	+1.08	+0.41	-0.21	-0.91	-1.31	-1.57	-1.43	-1.10	-0.42	+0.14	+0.71	+0.91	+0.95	+0.83
May	10.57	+0.45	-0.02	-0.36	-0.66	-0.71	-0.43	+0.22	+0.61	+1.25	+1.32	+1.08	+0.39	-0.27	-0.97	-1.45	-1.60	-1.39	-0.91	-0.26	+0.32	+0.75	+0.91	+0.91	+0.76
June	10.61	+0.30	-0.02	-0.46	-0.67	-0.56	-0.32	+0.20	+0.81	+1.26	+1.56	+1.20	+0.58	-0.20	-0.93	-1.42	-1.58	-1.30	-0.88	-0.34	+0.14	+0.61	+0.77	+0.74	+0.55
July	11.47	+0.39	+0.06	-0.28	-0.60	-0.58	-0.40	+0.10	+0.70	+1.37	+1.46	+1.32	+0.55	-0.18	-0.77	-1.44	-1.64	-1.47	-1.00	-0.39	+0.02	+0.59	+0.72	+0.71	+0.62
August	12.19	+0.35	-0.08	-0.38	-0.64	-0.64	-0.44	+0.25	+0.82	+1.32	+1.58	+1.48	+0.57	-0.07	-0.74	-1.39	-1.57	-1.45	-1.12	-0.44	+0.06	+0.46	+0.68	+0.73	+0.60
September	12.12	+0.15	-0.28	-0.65	-0.80	-0.65	-0.26	+0.47	+1.03	+1.35	+1.43	+1.19	+0.41	-0.26	-0.93	-1.40	-1.52	-1.38	-0.99	-0.34	+0.24	+0.73	+0.92	+0.85	+0.67
October	11.18	+0.08	-0.41	-0.80	-0.82	-0.61	-0.14	+0.51	+1.08	+1.34	+1.28	+1.09	+0.47	-0.23	-0.82	-1.25	-1.37	-1.34	-0.91	-0.19	+0.26	+0.56	+0.83	+0.85	+0.59
November	9.03	+0.23	-0.33	-0.63	-0.81	-0.65	-0.19	+0.62	+0.83	+1.05	+0.99	+0.83	+0.37	-0.28	-0.80	-1.19	-1.37	-1.34	-1.02	-0.19	+0.29	+0.72	+1.00	+1.10	+0.82
December	8.68	+0.33	-0.41	-0.69	-0.74	-0.52	-0.06	+0.66	+0.86	+0.92	+0.96	+0.61	+0.24	-0.27	-0.76	-1.07	-1.35	-1.30	-0.97	-0.32	+0.29	+0.71	+1.00	+1.13	+0.86
Year	10.25	+0.36	-0.17	-0.52	-0.72	-0.63	-0.28	+0.40	+0.82	+1.18	+1.27	+1.03	+0.43	-0.20	-0.82	-1.27	-1.49	-1.38	-1.00	-0.32	+0.18	+0.64	+0.88	+0.93	+0.76
Wet Season 1944-45	8.44	+0.39	-0.23	-0.59	-0.77	-0.65	-0.27	+0.46	+0.75	+0.94	+0.97	+0.80	+0.38	-0.12	-0.65	-1.01	-1.32	-1.25	-0.93	-0.25	+0.16	+0.57	+0.85	+0.97	+0.82
Dry Season 1945	11.21	+0.37	-0.01	-0.37	-0.64	-0.62	-0.40	+0.19	+0.74	+1.30	+1.48	+1.27	+0.52	-0.18	-0.85	-1.42	-1.60	-1.40	-0.98	-0.36	+0.13	+0.60	+0.77	+0.77	+0.63

International Seismological Centre

TEMPERATURE: MEANS OF HOURLY VALUES, 1945

From readings in degrees centigrade at exact hours.

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
Month																									
January	24.89	24.69	24.53	24.48	24.33	24.17	25.08	26.58	27.79	28.55	28.97	29.17	29.32	29.26	28.88	28.66	28.36	27.94	27.10	26.50	26.05	25.61	25.38	25.19	26.73
February	25.32	25.19	25.16	25.02	24.81	24.74	25.04	25.99	27.64	28.63	28.64	28.64	28.37	28.39	28.15	28.30	28.08	27.78	27.03	26.61	26.15	25.87	25.63	25.44	26.69
March	25.31	25.09	24.88	24.66	24.60	24.46	24.94	26.17	27.44	28.13	28.96	29.08	29.50	29.49	29.29	29.01	28.58	27.97	27.38	26.99	26.36	26.00	25.67	25.38	26.89
April	25.22	25.20	24.92	24.66	24.52	24.59	24.80	25.52	27.24	28.20	29.01	29.09	28.89	29.08	28.94	28.68	28.22	27.76	27.06	26.63	26.05	25.75	25.55	25.40	26.71
May	24.31	24.12	24.08	23.99	23.93	23.85	24.11	24.94	26.93	27.94	28.20	28.29	28.24	28.10	27.96	27.73	27.40	26.87	26.16	25.61	25.19	24.86	24.69	24.47	25.92
June	24.97	24.87	24.75	24.70	24.64	24.48	24.44	25.01	26.49	27.19	27.46	27.77	27.91	27.94	27.73	27.56	27.22	26.63	25.94	25.60	25.43	25.31	25.22	25.06	26.01
July	24.74	24.46	24.27	24.19	24.07	23.99	24.03	24.62	26.73	27.53	28.27	28.49	28.59	28.69	28.65	28.13	27.66	27.15	26.32	25.83	25.47	25.18	25.02	24.90	26.12
August	24.57	24.36	24.21	24.11	23.97	23.93	24.10	24.84	26.37	27.29	27.82	28.15	27.93	27.93	27.81	27.51	27.19	26.67	26.06	25.55	25.35	25.16	24.98	24.90	25.86
September	24.61	24.22	24.12	23.95	23.88	23.79	24.33	25.67	27.12	27.93	28.20	28.43	28.28	28.23	28.08	27.60	27.21	26.59	25.96	25.67	25.31	25.06	24.99	24.88	26.00
October	24.71	24.44	24.46	24.50	24.54	24.54	24.87	26.67	27.70	28.06	28.32	28.42	28.35	28.40	28.26	28.06	27.83	27.42	26.87	26.33	25.98	25.61	25.29	25.01	26.44
November	24.53	24.31	24.28	24.24	24.16	24.11	24.55	26.29	27.36	27.95	28.02	28.12	28.40	28.27	28.23	27.92	27.59	27.13	26.54	25.96	25.51	25.05	24.86	24.64	26.17
December	25.13	24.99	24.98	24.92	24.90	25.01	25.35	26.78	28.22	28.85	28.98	29.04	29.22	29.23	28.98	28.77	28.41	27.94	27.38	27.01	26.44	25.91	25.57	25.32	26.97
Year	24.86	24.66	24.55	24.45	24.36	24.31	24.64	25.76	27.25	28.02	28.40	28.56	28.58	28.58	28.41	28.16	27.81	27.32	26.65	26.19	25.76	25.45	25.24	25.05	26.38
Wet Season 1944-45	24.95	24.74	24.57	24.44	24.29	24.20	24.97	26.27	27.66	28.45	28.63	28.73	28.69	28.67	28.40	28.25	27.93	27.56	26.86	26.39	25.99	25.59	25.35	25.11	26.53
Dry Season 1945	24.65	24.45	24.33	24.25	24.15	24.06	24.17	24.85	26.63	27.49	27.94	28.18	28.17	28.16	28.04	27.73	27.37	26.83	26.12	25.65	25.36	25.13	24.98	24.83	25.98

International Seismological Centre

TEMPERATURE: DIURNAL CHANGES, 1945

The departures in degrees centigrade from the mean of the day are adjusted for non-cyclic change.

Hour	Mean	1	2	3	4	5	6	7	8	9	10	11	noon	13	14	15	16	17	18	19	20	21	22	23	24
Month																									
January	26.73	-1.83	-2.03	-2.19	-2.24	-2.39	-2.55	-1.65	-0.15	+1.06	+1.82	+2.24	+2.44	+2.59	+2.53	+2.15	+1.93	+1.63	+1.20	+0.36	-0.24	-0.69	-1.18	-1.36	-1.56
February	26.69	-1.35	-1.48	-1.51	-1.65	-1.87	-1.94	-1.64	-0.69	+0.96	+1.94	+1.95	+1.95	+1.68	+1.70	+1.45	+1.60	+1.38	+1.08	+0.33	-0.10	-0.56	-0.84	-1.08	-1.28
March	26.89	-1.60	-1.82	-2.03	-2.25	-2.30	-2.44	-1.96	-0.73	+0.54	+1.24	+2.07	+2.19	+2.61	+2.60	+2.41	+2.13	+1.70	+1.09	+0.55	+0.12	-0.51	-0.87	-1.20	-1.48
April	26.71	-1.48	-1.51	-1.79	-2.05	-2.19	-2.12	-1.91	-1.19	+0.53	+1.49	+2.30	+2.38	+2.18	+2.37	+2.23	+1.97	+1.51	+1.05	+0.35	-0.08	-0.66	-0.96	-1.17	-1.38
May	25.92	-1.63	-1.82	-1.86	-1.95	-2.00	-2.08	-1.82	-0.99	+1.00	+2.02	+2.28	+2.37	+2.32	+2.18	+2.05	+1.82	+1.49	+0.96	+0.25	-0.29	-0.71	-1.04	-1.21	-1.43
June	26.01	-1.04	-1.14	-1.26	-1.31	-1.37	-1.53	-1.57	-1.00	+0.48	+1.18	+1.45	+1.76	+1.90	+1.93	+1.72	+1.55	+1.21	+0.62	-0.07	-0.41	-0.58	-0.70	-0.79	-0.95
July	26.12	-1.37	-1.65	-1.84	-1.92	-2.04	-2.12	-2.09	-1.50	+0.61	+1.41	+2.15	+2.37	+2.47	+2.57	+2.53	+2.01	+1.54	+1.02	+0.19	-0.30	-0.66	-0.95	-1.11	-1.23
August	25.86	-1.28	-1.49	-1.64	-1.74	-1.88	-1.92	-1.75	-1.02	+0.51	+1.43	+1.96	+2.29	+2.07	+2.07	+1.95	+1.65	+1.32	+0.80	+0.19	-0.32	-0.52	-0.71	-0.89	-0.97
September	26.00	-1.40	-1.79	-1.89	-2.06	-2.13	-2.22	-1.67	-0.33	+1.12	+1.93	+2.20	+2.43	+2.28	+2.23	+2.08	+1.60	+1.21	+0.60	-0.03	-0.32	-0.68	-0.93	-1.00	-1.11
October	26.44	-1.73	-2.00	-1.98	-1.94	-1.90	-1.90	-1.57	+0.23	+1.26	+1.62	+1.88	+1.98	+1.91	+1.96	+1.82	+1.62	+1.39	+0.98	+0.43	-0.11	-0.46	-0.83	-1.15	-1.43
November	26.17	-1.65	-1.87	-1.89	-1.93	-2.01	-2.06	-1.62	+0.12	+1.19	+1.78	+1.85	+1.95	+2.23	+2.10	+2.06	+1.75	+1.42	+0.96	+0.37	-0.21	-0.66	-1.11	-1.30	-1.52
December	26.97	-1.83	-1.97	-1.98	-2.04	-2.06	-1.95	-1.62	-0.19	+1.25	+1.88	+2.01	+2.07	+2.25	+2.26	+2.01	+1.80	+1.44	+0.96	+0.40	+0.03	-0.54	-1.07	-1.41	-1.66
Year	26.38	-1.52	-1.72	-1.83	-1.93	-2.02	-2.07	-1.74	-0.62	+0.87	+1.64	+2.02	+2.18	+2.20	+2.20	+2.03	+1.78	+1.43	+0.94	+0.27	-0.19	-0.62	-0.93	-1.14	-1.33
Wet Season 1944-45	26.53	-1.57	-1.78	-1.95	-2.08	-2.24	-2.32	-1.56	-0.26	+1.13	+1.91	+2.09	+2.20	+2.17	+2.15	+1.87	+1.72	+1.40	+1.02	+0.32	-0.15	-0.55	-0.95	-1.18	-1.43
Dry Season 1945	25.98	-1.33	-1.52	-1.65	-1.73	-1.82	-1.91	-1.81	-1.13	+0.65	+1.51	+1.96	+2.20	+2.19	+2.19	+2.06	+1.76	+1.39	+0.85	+0.14	-0.33	-0.62	-0.85	-1.00	-1.15

International Seismological Centre

Fourier Coefficients: Barometric Pressure and Temperature, 1945

Values of P_n and A_n in the series $\Sigma P_n \sin(15nt + A_n)$, t being Zone time (11h 00m slow on Greenwich) expressed in hours from midnight.

Period	P_1	A_1	P_2	A_2	P_3	A_3	P_4	A_4
			Barometric Pressure					
	mb	°	mb	°	mb	°	mb	°
Wet Season 1944-45	0.36	21	0.99	146	0.10	111	0.08	23
Dry Season 1945	0.46	7	1.11	145	0.18	341	0.03	0
Year 1945	0.42	14	1.10	147	0.07	27	0.03	0
			Temperature					
	°F	°	°F	°	°F	°	°F	°
Wet Season 1944-45	2.22	238	0.53	100	0.36	003	0.17	232
Dry Season 1945	2.04	235	0.60	72	0.24	344	0.20	191
Year 1945	2.16	236	0.52	85	0.28	325	0.17	213

International Seismological Centre

RELATIVE HUMIDITY, 1945

Percentage at exact even hours

Hour / Month	2	4	6	8	10	noon	14	16	18	20	22	24	Mean
January	85	85	85	82	76	74	74	76	78	84	85	85	81
February	86	86	86	85	80	79	79	79	79	84	85	86	83
March	88	88	88	86	81	78	78	79	81	85	86	87	84
April	87	87	88	87	82	78	77	77	79	84	85	85	83
May	86	86	86	86	79	78	78	79	80	85	85	86	83
June	87	86	87	87	82	80	78	80	82	85	85	87	84
July	86	86	86	86	79	77	76	77	80	83	84	85	82
August	85	85	85	84	79	76	77	77	78	82	83	84	81
September	87	87	87	84	80	79	79	80	82	84	85	85	83
October	88	88	88	84	82	81	81	81	83	86	88	88	85
November	89	89	89	85	79	78	78	78	80	82	86	88	83
December	89	89	88	82	77	77	77	77	80	86	87	89	83
Year	87	87	87	85	80	78	78	78	80	84	85	86	83
Wet Season 1944-45	86	86	86	82	77	76	76	77	79	84	85	86	82
Dry Season 1945	86	86	86	86	80	78	77	78	80	84	84	85	82

International Seismological Centre

VAPOUR PRESSURE, 1945

Mean values in millibars at exact even hours

Hour	2	4	6	8	10	noon	14	16	18	20	22	24	Mean
Month													
January	26.5	26.2	25.7	28.6	29.6	30.0	30.2	30.0	29.3	29.1	27.9	27.3	28.4
February	27.6	27.3	26.8	28.6	31.3	31.0	30.6	30.5	29.5	29.3	28.4	27.9	29.1
March	28.1	27.4	27.1	29.3	30.8	31.5	32.2	31.7	30.7	30.3	28.9	28.2	29.8
April	27.9	27.1	27.2	28.4	31.4	31.5	31.1	30.3	29.5	29.3	28.1	27.6	29.1
May	25.8	25.7	25.4	27.1	29.7	30.0	29.7	29.4	28.4	27.9	26.9	26.5	27.8
June	27.4	26.8	26.8	27.6	29.6	29.9	29.3	29.6	28.6	28.0	27.4	27.7	28.3
July	26.5	26.0	25.7	26.6	29.0	30.0	30.0	29.3	29.0	27.6	26.9	26.8	27.8
August	26.0	25.5	25.2	26.3	28.7	28.9	29.0	28.3	27.3	26.8	26.6	26.5	27.1
September	26.3	25.8	25.7	27.8	30.1	30.6	30.2	29.6	28.6	27.8	27.1	26.8	27.9
October	26.9	27.1	27.1	29.5	31.2	31.4	31.4	30.8	30.3	29.5	28.9	27.9	29.3
November	27.1	26.9	26.7	29.1	29.7	29.7	30.0	29.3	28.7	27.6	27.3	27.2	28.3
December	28.2	28.0	27.9	28.9	30.7	30.9	31.2	30.5	30.1	30.7	29.1	28.7	29.6
Year	27.1	26.6	26.4	28.3	30.3	30.6	30.6	29.9	29.1	28.6	27.6	27.3	28.6
Wet Season 1944-45	26.8	26.3	26.0	28.1	29.8	30.0	30.0	29.6	29.2	28.9	27.9	27.4	28.4
Dry Season 1945	26.5	26.0	25.8	27.1	29.4	29.9	29.5	29.0	28.2	27.6	26.8	26.6	27.6

NOTE:- Values, including seasonal and annual means, are deduced from corresponding values of dry bulb temperature and relative humidity.

International Seismological Centre

RAINFALL AT APIA OBSERVATORY - 1945

	Number of Days on which stated Amounts of Precipitation were recorded (Amount of rain in millimetres)					Total Rain Days	Total Rain-fall	Greatest Amount in 24 hours.		Greatest Amount in one hour.		
	0.2 - 0.9	1.0 - 9.9	10.0 - 24.9	25.0 - 99.9	100 and over		mm.	mm.	Date.	mm.	Date.	Time.
January	3	6	5	4	0	18	265.8	74.0	8th	32.0	9th	7- 8 a.m.
February	5	9	5	4	0	23	346.7	66.7	24th	36.8	24th	7- 8 p.m.
March	2	14	5	2	1	24	347.4	109.3	15th	25.4	7th	10-11 p.m.
April	1	13	6	2	0	22	217.8	35.3	27th	11.9	24th	5- 6 a.m.
May	2	10	5	2	0	19	226.5	69.6	4th	33.8	4th	12 a.m.- 1 p.m.
June	2	10	7	4	0	23	341.5	64.5	7th	22.9	8th	3- 4 a.m.
July	5	9	5	0	0	19	129.5	24.2	20th	11.2	28th	9-10 a.m.
August	3	7	3	3	0	16	185.3	45.4	31st	19.1	31st	2- 3 p.m.
September	0	7	4	3	0	14	232.3	51.0	14th	19.6	14th	3- 4 p.m.
October	5	6	5	3	0	19	264.8	57.2	27th	17.5	27th	12 a.m.- 1 p.m.
November	1	6	4	7	0	18	466.6	94.4	11th	43.7	12th	1- 2 a.m.
December	6	10	3	3	0	22	214.6	34.7	29th	17.0	24th	4- 5 a.m.
Y e a r	35	107	57	37	1	237	3238.8	109.3	15th Mar.	43.7	12th Nov.	1- 2 a.m.

NOTE:- The rainfall is measured at 9 a.m. each morning and entered to the previous day.
The greatest rain in an hourly period is credited to the day it occurs.

International Seismological Centre

RAINFALL IN SAMOA, 1945

(Expressed in inches)

Station	Elevation (feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	Authority
UPOLU															
Aleipata	-	15.12	10.60	17.34	22.33	9.93	20.11	7.54	13.97	8.17	13.20	28.62	12.98	179.91	The Wireless Operator.
Aleisa	910	7.71	14.60	15.10	10.39	8.94	11.67	5.69	3.67	14.66	11.02	20.34	15.92	139.71	N.Z. Reparation Estates.
Casala	-	-	-	-	-	-	9.61	4.09	3.74	15.75	10.65	14.26	7.72	-	Mr. P.L.M. Morgan.
Faleula	-	10.65	13.96	11.79	-	-	-	3.26	0.90	5.23	-	-	-	-	Tolo Laupu'e.
Lotofaga	40	11.43	7.27	8.49	11.86	16.75	32.18	14.16	20.14	12.77	11.15	22.39	12.72	181.31	Rev. Father Dumais.
Mulifanua	14	10.17	4.92	6.71	6.70	3.06	6.60	1.76	1.19	14.24	6.21	19.30	6.96	87.82	N.Z. Reparation Estates.
Mulinu'u	5	10.46	13.65	13.68	8.58	8.92	13.45	5.10	7.30	9.15	10.43	18.37	8.45	127.54	Apia Observatory.
Mulivai	6	4.03	8.95	9.23	-	16.13	27.88	12.75	27.66	22.65	16.93	21.86	13.05	-	Rev. Father McDonald.
Piula	65	15.14	26.15	18.51	13.94	10.67	24.44	9.61	19.33	16.77	23.97	22.84	14.81	216.18	Rev. R.W. Allardice.
Tafa'igata	550	3.06	12.83	5.93	1.57	3.42	3.72	6.74	3.41	7.58	7.32	9.41	12.03	77.02	N.Z. Reparation Estates.
Tanumalala	-	-	15.45	21.88	15.79	6.46	18.61	-	7.84	-	-	-	-	-	N.Z. Reparation Estates.
Tuana'imato	105	13.57	17.10	11.35	10.05	7.01	11.26	5.61	6.09	11.83	7.99	16.78	10.99	129.63	N.Z. Reparation Estates.
Vaipapa	720	11.28	8.27	9.62	9.54	4.33	10.03	5.43	4.44	-	11.83	19.52	15.26	-	N.Z. Reparation Estates.
Vaipoto	400	15.16	21.33	18.18	13.66	7.05	17.32	9.51	6.78	14.63	13.14	23.82	11.54	172.12	Mr. A.R. Cobcroft.
SAVAI'I															
Fagamalo	8	8.53	15.65	14.30	12.67	20.12	5.79	-	-	-	-	7.09	21.24	-	The Wireless Operator.
Falealupo	8	2.98	14.38	6.69	9.59	16.49	12.89	0.72	1.84	3.00	9.22	9.20	6.14	93.14	Rev. Father Bourke.
Tuasivi	25	16.74	7.99	14.99	14.63	9.70	31.07	6.59	10.40	8.22	11.67	13.30	10.19	155.49	The Resident Commissioner
Vaipouli	210	7.17	-	-	-	11.31	17.25	9.64	6.38	7.16	13.84	12.22	11.54	-	Superintendent of Schools
TUTUILA															
PagoPago	-	12.16	10.05	11.74	13.04	16.31	34.69	11.97	12.69	15.78	18.90	39.72	10.68	207.73	U.S. Naval Authority.
Tafuna	-	9.21	10.67	11.07	8.86	9.43	23.02	7.50	10.15	10.58	17.69	22.84	10.24	151.26	U.S. Naval Authority.
Ta'u Manu'a	-	11.70	16.40	11.60	18.80	13.10	32.50	9.40	-	23.00	21.00	39.90	18.40	-	U.S. Naval Authority.

NOTE: (1) The rim of the gauge is generally at a height of one or two feet above the ground.

(2) Most of the gauges in use are of the Meteorological Office (London) pattern with a deep funnel five inches in diameter. A tapered glass measure in inches is used.

(3) Some of the sites are not strictly conventional owing to the profuse growth of vegetation i.e. surrounding objects may be nearer the gauge than twice their own height.

(4) The readings of the rain gauge at many of the stations given in this table are made in the morning and entered ("thrown back") to the previous day while at other stations the readings are entered to the same day.

International Seismological Centre

DURATION OF BRIGHT SUNSHINE, 1945.

Aggregate duration of bright sunshine occuring between the exact hours of apparent solar time and the percentage of possible duration of sunshine for the month.

Hour of day	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	Total	%
Month																
January	01.1	17.1	22.1	22.3	23.0	23.2	24.3	23.4	20.5	18.4	17.2	15.6	09.6	01.0	238.8	60
February	00.0	08.2	15.6	17.9	21.3	20.4	17.7	14.7	16.4	13.6	11.9	10.0	04.6	00.0	172.3	49
March	00.0	08.6	19.2	23.4	23.2	23.5	23.5	23.6	23.2	22.3	20.8	16.6	08.5	00.0	236.4	63
April	00.0	04.2	12.8	15.8	19.4	20.4	19.4	20.7	22.2	18.9	16.4	12.7	04.8	00.3	188.0	53
May	00.0	05.5	18.5	22.2	23.1	23.0	21.9	20.5	17.0	14.7	13.5	12.7	03.3	00.0	195.9	55
June	00.0	02.6	12.3	15.8	15.1	14.6	16.8	15.9	15.0	13.3	13.3	11.2	02.0	00.0	147.9	44
July	00.0	05.5	23.1	23.0	24.9	25.4	24.2	27.3	26.1	22.8	21.5	18.3	07.2	00.0	249.3	71
August	00.0	07.4	20.6	22.8	25.2	25.4	24.9	22.8	21.7	22.8	19.2	18.3	07.2	00.0	238.3	66
September	00.0	08.2	20.9	24.2	23.8	24.3	25.0	22.3	19.5	17.3	18.0	15.1	04.8	00.0	223.4	62
October	00.0	12.1	20.9	20.6	20.8	21.2	18.6	20.1	20.6	20.2	17.8	18.4	08.4	00.0	219.7	57
November	00.9	09.1	14.9	18.1	18.5	18.5	17.0	17.6	14.8	13.8	10.9	08.7	08.2	00.2	171.2	50
December	00.7	12.8	20.0	22.8	23.7	23.4	21.6	20.7	18.1	16.7	14.2	11.4	08.9	00.8	215.8	54
Total	02.7	101.3	220.9	248.9	262.0	263.3	254.9	249.6	235.1	214.8	194.7	169.0	77.5	02.3	2497.2	56

International Seismological Centre

ANALYSIS OF SUNSHINE, 1945

Clear days - more than 7 hours bright sunshine.

Cloudy days - less than 3 hours bright sunshine.

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.
Clear	20	11	21	16	15	8	21	20	20	18	13	19	202
Partly Cloudy	7	13	6	9	10	13	8	8	5	8	8	8	103
Cloudy	4	4	4	5	6	9	2	3	5	5	9	4	60

International Seismological Centre

WIND, 1945

Means of Hourly Values of Wind Speed in Miles per hour.

Hour / Month	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Mean
January	3.7	3.7	2.9	3.1	3.8	3.0	3.4	2.6	4.1	7.0	8.5	8.7	8.4	8.4	8.2	7.5	6.6	7.3	6.5	4.7	3.5	3.6	3.5	3.4	5.3
February	3.2	5.1	5.0	5.2	4.7	4.6	4.0	4.3	4.9	5.9	7.9	8.3	8.4	9.1	8.5	7.3	7.7	7.5	6.5	5.3	4.8	3.8	3.6	3.6	5.8
March	4.2	3.8	3.7	3.3	2.8	2.5	3.5	4.0	5.7	7.5	9.2	9.7	8.5	8.5	8.8	9.1	8.8	7.9	6.5	5.3	5.1	4.1	4.5	4.5	5.9
April	3.1	2.5	3.6	3.2	2.2	3.7	3.7	2.5	2.9	5.0	6.2	7.6	8.3	7.8	8.0	8.4	8.2	7.0	5.3	3.9	3.5	3.6	3.3	3.0	4.9
May	2.3	2.5	2.0	2.7	2.5	2.3	2.7	2.5	1.9	3.3	4.6	5.6	7.2	7.2	6.7	7.5	5.8	5.3	4.0	3.3	3.1	2.5	2.5	2.6	3.9
June	5.4	4.9	5.4	5.6	4.6	4.7	4.3	3.9	4.8	7.1	8.5	9.2	10.4	9.8	10.5	10.8	10.7	8.7	6.7	5.5	6.2	6.3	6.5	5.7	6.9
July	5.3	4.9	4.7	5.2	4.8	4.6	4.3	4.4	4.8	8.8	11.1	12.6	12.8	13.1	13.1	13.6	13.2	12.0	10.1	6.4	5.9	6.6	5.9	5.5	8.1
August	6.4	5.8	5.5	5.7	6.4	6.5	6.6	6.1	8.1	10.6	12.8	14.4	15.5	15.5	15.6	15.2	14.7	12.8	10.5	9.5	8.4	8.0	7.8	7.4	9.8
September	7.7	7.4	7.3	8.4	7.5	7.1	6.1	7.0	9.1	12.7	14.5	15.0	16.1	15.9	15.2	15.5	13.6	12.3	11.0	8.7	7.8	7.2	8.0	7.4	10.4
October	5.4	4.6	3.9	3.6	3.4	3.6	4.2	4.0	5.8	8.4	9.5	9.0	9.0	8.8	9.4	9.3	9.0	9.4	7.3	5.0	4.4	4.6	4.9	4.4	6.3
November	2.8	2.9	2.5	2.9	2.8	3.0	3.6	3.1	4.3	6.8	8.9	10.1	9.7	9.7	9.1	8.3	7.4	6.9	5.4	3.6	3.1	2.6	2.6	3.0	5.2
December	2.6	2.4	2.6	2.9	2.4	2.5	2.4	3.0	4.0	6.2	7.3	7.9	7.9	8.3	7.6	6.8	6.7	5.6	4.5	3.2	2.2	2.1	2.1	3.0	4.4
Year	4.4	4.2	4.2	4.3	4.0	4.0	4.1	3.9	5.0	7.4	9.1	9.8	10.2	10.2	10.1	9.9	9.4	8.6	7.0	5.4	4.8	4.6	4.6	4.5	6.4
Wet Season 1944-45	3.5	4.1	3.8	3.9	3.9	3.7	3.8	3.7	5.2	7.0	8.8	9.2	9.4	9.4	9.0	8.3	7.6	7.6	6.6	5.1	4.2	3.9	3.5	3.4	5.8
Dry Season 1945	4.9	4.5	4.4	4.8	4.6	4.5	4.5	4.2	4.9	7.4	9.3	10.4	11.5	11.4	11.5	11.8	11.1	9.7	7.8	6.2	5.9	5.9	5.7	5.3	7.2

International Seismological Centre

PERCENTAGE FREQUENCIES OF WIND, 1945

(This table is based on observations every three hours commencing at midnight).

Month	Calm	N	NE	E	SE	S	SW	W	NW	Variable	Number of Observations
January	5	3	6	27	23	27	6	1	2	0	245
February	5	10	5	12	12	22	16	6	11	0	244
March	10	2	6	30	28	18	4	1	1	0	248
April	15	6	4	19	16	18	11	6	4	0	240
May	22	4	2	12	13	19	17	7	6	0	248
June	7	1	4	29	38	13	6	1	2	0	240
July	2	0+	6	36	29	18	8	1	1	0	248
August	1	0+	3	34	43	13	5	0	0	0	248
September	0	1	5	34	32	16	8	1	3	0	240
October	1	3	10	27	22	21	11	1	3	0	248
November	1	3	9	23	25	25	12	1	1	0	240
December	3	4	12	23	16	30	6	1	4	0	248
Year	6	3	6	26	25	20	9	2	3	0	2917

NOTE: The individual percentages are rounded off to the nearest whole number.
0+ means that there were some observations but less than 0.5%.

International Seismological Centre

MONTHLY WIND SPEED AND DIRECTION, 1945

Speed in miles per hour

Month		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Mean speed for month		5.3	5.8	5.9	4.9	3.9	6.9	8.1	9.8	10.4	6.3	5.2	4.4	6.4
Greatest speed in Gust		39	42	46	44	34	48	36	37	47	47	38	35	48
Direction of Gust		ENE	NW	ESE	NW	ENE	NE	NE	E	E	E	NE	ENE	NE
Greatest speed for one hourly period		23	27	28	28	22	26	28	29	32	30	24	22	32
Prevailing direction of wind	9 a.m.	E	CALM	ESE	ESE	CALM	ESE	ESE	E	E	E	ESE	ENE	ESE
	3 p.m.	E	E & NNW	E	E	CALM	E	E	E	E	E	E	ENE	E
Most frequent direction of Wind (Eight points only).		S&E	S	E	E	CALM	SE	E	SE	E	E	SE & S	S	E

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THUNDER AND LIGHTNING, 1945

Month	Number of Days		Total
	Lightning only	Lightning and Thunder	
January	0	5	5
February	0	0	0
March	6	2	8
April	5	2	7
May	5	3	8
June	4	4	8
July	0	1	1
August	2	8	10
September	0	1	1
October	3	4	7
November	1	7	8
December	4	3	7
Y e a r	30	40	70

International Seismological Centre

Pilot Balloon Ascents 1945

The usual method of observing the balloon with a single theodolite was used during 1945, assuming a constant rate of ascent calculated from the formula.

$$V = qL^{\frac{1}{2}}/(L+W)^{1/3}$$

Where:

V = rate of ascent in feet per minute.
q = 275
L = free lift in grams.
W = weight of balloon in grams.

The rate of ascent (V) used normally was 500 feet per minute.

The surface winds are taken from the anemometer, the vane of which is at a height of 80 feet above the ground.

The measurements are expressed in the code form F 333 as recommended by the Combined Meteorological Committee, Washington.

Details of the form are as follows:

YYGG Hddvv Hddvv ------- --------

Where:

YY = Greenwich day of the month.

GG = Greenwich hour of the day.

H = Height in thousands of feet omitting the figure for tens of thousands. The standard heights reported are 1000 ft, 2000 ft, 3000 ft, 5000 ft, 7000 ft, 10,000 ft, 15,000 ft, 18,000 ft, 20,000 ft, 25,000 ft, and so on at 5000 ft. intervals. Intermediate heights are reported if there is a significant change in wind speed or direction at such levels, and the last observed height is always included.

dd = Direction of wind in tens of degrees.

VV = Wind speed in knots. In the range 100 to 199, 50 is added to the "dd" to indicate that 100 must be added to VV to obtain the true speed.

International Seismological Centre

January

0107 01403 10505 20907 30606 50405 70804 00510
0122 00203 10706 21104 31304 51610 71607 01605
31604
0207 00203 11604 21706 31515 51518
0221 02103 11906 21705 31806 52403 72112 02112
0307 02008 11807 22203 32702 52811 72513 82210
0321 00403 10803 21404 31504 52503 72514 02612
52607 82311 02424 52527
0407 01108 11113 21210 31304 53303 72910
0421 01008 11012 20910 31006 50602 73312 83112
0507 01703 10905 20705 30505 53608 73320 83415
0521 00905 10908 21008 30906 52106
0607 00813 11014 20809
0621 03603 13202 22902 33105 52803 73207 03013
53015 82618 02612
0721 00000 11104 21305 31703 50602 73109
0821 00403 10604 20503 30104 50106 60105
0907 00103 13604 23505 33607 53408 73309
0922 00000 10000 20000 30212 50314 70507 01106
52214 62119
1007 01903 10201 20000 32801 50000
1022 00908 10909 21008 30906 50805 71003 01601
51808 01308 51806 91926
1107 01403 11009 21012 31009 51107 71407 02308
1122 00808 10711 20808 31004 51005 70605 01904
1207 02003 11008 21007 31108 51108 71805 81906
1222 00908 10909 20905 30808 50714
1307 01705 10814 20813 30721 50615 70314 90112
1321 00503 10909 21111 31210 50913 60914
1407 01108 11013 21017 30919 50709 60604
1422 00000 13603 23505 33609
1507 01305 11010 20808 30712 50709 70712
1521 00000 10910 20711 30712 50613
1607 01403 11210 20811 30811 50813 60916
1621 00908 10910 20711 30615 50718 70720 90612
1707 01403 10908 20909 30711 51009 70510
1721 00908 11011 20912 30710 50610 70612 00412
51205 91402
1807 00908 11009 21007 30806 50706 70506 80609
1822 01216 11218 21111 30911 41014
1907 01405 11112 21016 31015 50914 71108 91011
1921 00803 10708 20711 30611
2021 01208 10910 20714 30817 51120
2107 01403 11111 21211 31412
2121 01213 11011 20908 30505 50610 70613 03504
52706
2207 01405 10911 20712 30810 40607
2221 00911 10912 20813 30712 40711
2307 00708 10806 20808 30710
2321 00903 11007 20810 30711 50713 70714 01006
2421 00608 10411 20411 30410 50414 60418
2507 01503 10909 20809 30808

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January (Contd.)

2521	01011	11020	21020	31023	50920	70718	90623
2607	01903	11111	21016	30817	50814	70817	80816
2621	01213	11117	21020	30913	50920	70912	00918
	51214	81214					
2707	01503	11012	21012	31015	50916	71016	81115
2721	01111	11209	21212	31314	51212	71110	01112
	50915	81016	01217	51119	01517		
2807	01803	11112	21016	31017	41012		
2821	01113	11015	21112	31211	51010	71109	01303
	51211	81113	01015				
2907	02103	11008	21011	31009	41106		
2921	00508	11014	21012	30909	51010	60808	
3007	00000	10203	20504	30907	51005	61006	
3021	00208	10504	20705	30608	50808	60710	
3107	02003	13005	23306	33311			
3121	02703	13406	20110	33611	50211	70208	00707
	50815						

February

2007	01801	10909	20713	30713	51306	61010	
2021	00913	10914	20915	30715	40716		
2108	01705	11014	21019	30917	50818	70718	80824
2121	00908	10913	20915	30816	50720	60721	
2207	01305	11018	21017	30915	50923		
2221	01011	11015	21016	30914	50816	60817	
2307	01405	11116	21015	30916	50818	70820	
2321	01205	11013	20815	30815	50815	70915	01012
	51214	61409					
2407	01703	10912	20914	30812	50808		
2421	01403	10904	21110	31113	41121		
2508	02005	10606	20214	30213	50123	63623	
2521	00000	10202	20110	30112	50111	70210	
2607	00901	10305	20404	30205	50213	60315	
2621	00000	10805	20207	33609	50210	70313	00105
	50503	02006	52110	01904	52525		
2709	01803	11110	20910	30908	50907	71005	
2721	00908	10807	20906	30905	50708	70507	00808
	51903	80704	01506	51214	01518		
2807	00000	11110	21012	31210	51112	61109	
2821	03603	10903	20808	31211	51111	70916	90918

March

0106	01203	11309	21315	31318			
0121	00916	10921	20922	30923	40917		
0207	02003	13306	23414	33518	43518		
0221	02305	13406	23409	33512	53506	73306	82403
0307	00403	13405	23306	33609	53407	70402	80403
0321	02003	10405	20406	30405	50503	70704	80907
0407	00000	10505	20604	30402	50306	71007	01107

International Seismological Centre

March (Contd.)

0421	01001	11103	20705	30707	50810	71008	00906
	51007						
0507	01603	11007	20811	30610	50611	70808	
0521	00705	10711	20710	30513			
0607	01008	11008	20808	30608	50412	60311	
0621	00000	11501	21002	33602	53505	73605	80107
0707	00000	11006	20903	30000	43003	53004	63106
0721	01003	10407	20708	30609	50207	70106	03207
	52506	82506	02406				
0807	00000	10402	20503	30206	53607		
0821	01003	10902	20609	30407	53511	70115	00210
0907	01008	11013	20911	30910	51010		
0921	01011	11016	21020				
1007	01105	11719	21720	31721	51921	71917	
1021	00911	11018	20916	30815			
1108	01203	11010	20812	30812	50812		
1121	01216	11124	21123	31127	51023		
1207	00808	10710	20808				
1307	01013	11019	20925	30834			
1407	00000	11005	21115	31020	50918		
1422	00707	10912	20915	30913	50813	71014	80915
1507	00811	10613	20712				
1521	01109	10909	20716	30717	50720	70814	00912
	50813	80509	00207				
1707	00808	10815	20716	30623	50632		
1721	01108	11017	20818	30821	50722	70620	00521
	50830						
1806	00911	11018	20919	30713			
1820	01008	11016	20919	30921	50821	70820	90814
1907	01203	11011	21010	31009			
1921	00908	11011	20912	30816			
2007	01408	11315	20914	30917	51015	71018	81018
2021	00911	11013	21013	31015	51113	71014	00810
	50810	80710	00510	50620	00723		
2107	00000	11006	20807	30704			
2121	00908	10906	20805	30607	50504	73503	00303
	50408	80607	00705	50912	00912	50914	01113
	51218	01015					
2207	00000	10204	20105	33603			
2307	01111	11014	21114	31113	50913	70912	90911
2321	01803	10910	20614	30715	50618	70712	81008
2407	01403	11014	20816	30816	50717	60817	
2421	01110	11012	21016	30919	50913	70813	01016
	51117	81118	01218	51520	01723	52025	02025
2507	01208	11116	21018	30918	50917	70911	81012
2520	01103	10910	20812	30712	50817	70817	00812
2607	01008	11011	20915	30816	50818		
2620	01208	11116	21016	31014			
2707	01103	11019	21020	30913	50817		
2720	00908	11014	21118	30918	50814	70809	00705
	51209	81120	01512	51507	01720	52030	02023

International Seismological Centre

March (Contd.)

2807	01803	11004	21011	31108	51311	71409	
2820	00803	10910	21213	31113	51113	71014	01013
	51213	81407	01309	52108	02614	52004	01729
	51920	01921					
2906	02003	11207	21112	31114	51111	70910	
2921	00908	11013	20916	30814	50915	70909	01013
	50811	81204	01205	51909	02019		
3007	01603	11211	20813	30913	50916		
3020	00000	10913	21014	31111	51209	71013	00603
3107	00000	11013	21013	31013	51014	61114	
3121	00905	10909	21013	31113	51112	71013	00908

April

0107	00000	10909	20911	31011	50910	71206	
0121	00000	10406	20406	30504	50000	73402	02607
	53404	82014					
0207	00000	12906	23204	33403	43305	52103	62004
0221	03103	13008	23012	33108	53208	73013	03013
0307	00000	12808	22711	32811	52815	73016	
0321	00000	12415	22417				
0407	00000	12309	22309	32411	52514	62612	
0421	00308	10215	20111	33409	53212	73119	83214
0521	01108	10913	20913	30720	50616	70520	
0607	01305	11116	21218	31125	51010	70810	
0621	00000	11402	21403	31404	51406	71614	01410
0707	00000	11503	21703	31511	51516	61519	
0721	01108	11309	21411	31313	51510	71509	91513
0807	01705	11321	21315	31224	41330		
0821	00000	11310	21219				
0907	00908	11117	21120	31225	51222	71016	
0921	00000	10805	21105	30905	51102	70204	03008
	51513						
1021	03505	10106	21907	31808			
1107	02003	11604	21703	31504	52205	72813	
1121	01903	12810	22915	33021	43123		
1206	02503	12722	22910	33311			
1222	03208	13215	23010	32911	52814	62912	
1307	02203	12708	23013	32929	43125		
1321	00000	11704	22502	32508	42412		
1406	00000	12703	22204	32503	52306		
1420	01005	11209	21609	31806	51404	71106	01215
1508	02002	11006					
1520	00913	11023	21022	30928	40929		
1607	01405	11115	21022	30920	40922		
1621	01108	11114	21016	31015	51017	70820	00821
1706	00905	11113	21117	30914	50919		
1721	00905	11009	21012	31015	50809	70808	00914
1807	00000	10911	21010	31011	51009	60911	
1821	00000	10812	20711	30712	50614	70712	01012
1907	01603	11212	21110	31312	51407	71310	

International Seismological Centre

April (Contd.)

1920	00503	11014	20912	30912	50912		
2007	01605	11113	20913	30915			
2021	01005	10810	20612	30614	50515	70314	00413
2107	02003	13205	23515	33618	50115	60109	
2207	02103	13011	23215	33118	43121		
2221	03503	13410	23410	33311	43416	53421	73323
2307	00000	10207	20111	33614			
2321	00108	10112	23614				
2407	00205	13507					
2421	00000	12807	23511	33511	53409	73510	03210
	53212	83118					
2507	00000	13303	23312	33311	53312	63310	
2521	00000	12802	23004	33106	43204		
2607	01905	11103	21303	31203	52802	72103	
2621	00803	10911	20903	30808	50408	70409	00603
	53502	83007	02910				

May

0107	00000	12903	23207	33208	53211	73311	
0121	00000	10502	21102	31803	52507	72807	03208
0207	00000	11002	21405	31008	51004	61803	
0221	01208	11013	20916	30813	50706	70505	00000
	52812	83213					
0307	00000	11114	21014	30813	50611		
0321	01108	11011	20812	30714	50622		
0407	01803	11104	20405	30306	53406	63505	
0421	00503	10607	20607	30410	50313	73507	93005
0521	00000	10304	23508	33410	53317	63218	
0607	00000	13607	23413	33217	53116		
0623	03108	13113	23113	33213	53117	72913	02819
	52611						
0807	00000	10000	21303	31611	51908		
0821	00000	13304	23301	31206	50303	63506	
0906	02003	11204	21110	30705	53408	63404	
1006	01903	10000	23212				
1021	00000	13308	23005	33108			
1106	02705	12410	22514	32510	53410	72410	02408
1121	00000	12909	22809	32810	53007	72809	
1221	03208	13112	23015	33117	43218		
1306	02503	12714	22608	32712	52809		
1321	00000	13007	22708	33013	52917	72915	02911
1406	02203	12606	22608	32512	52908	72518	82609
1421	03203	12103	22010	31608	51406	72003	02206
	52806	83019					
1507	00000	12805	20000	30000	50000		
1521	00000	13003	22703	30000	53003	70107	02302
	52907	81705					
1607	01305	11111	21312	31309	51103	63504	70603
1621	00911	11024	21218	30624	50510	70406	01203
	52607	72710					

International Seismological Centre

May (Contd.)

1707	01803	11012	21115	31112	50603	70107	00405
1721	01011	11218	21214	31210	41512		
1807	00911	11121	21119	31212	50909		
1821	00000	11009	20806	30307	53107	72412	02017
	51414						
1907	00000	12304	22303	32005	52804	63106	
1921	00000	13404	22103	32302	51802	71312	01312
2007	00000	10000	23601	30000	50000	73401	83304
2020	00908	11012	21012	30910	50910	71119	01013
2107	01703	11116	21019	30716	50516	70813	90719
2121	00911	10815	20815	30915	40814		
2211	01603	11113	21013	30810	50607	70412	90614
2220	00000	11213	21315	31016	50908	70710	00318
	50130	83428	03425	23223			
2307	01111	11022	21021	30918	50611	70416	90612
2321	00000	10307	20307	30208	50109	73510	03608
	53516	03424					
2407	00000	13205	23107	33005	53006	73208	83208
2421	00000	13008	23009	33008	53008	73211	93111
2508	00000	12306	22612	32608	52908	72711	92710
2520	00000	13304	23207	33008	53108	73210	
2607	00000	10000	20000	32606	52704		
2620	00000	12903	23306	33507	53603	72503	02804
2707	02003	10000	22702	33106	53305	73205	
2721	00000	13303	23207	33205			
2807	02005	11304	20000	31402	50000	73502	03505
2821	00000	13403	20207				
2907	00000	12903	22404	32705	53207	73408	
2920	00000	11010	21009	30907	50705	70107	03609
3007	01603	11704	22809	31105	50704	70703	
3021	01803	10000	21606	31108	51013	71012	
3107	00000	11416	21415	31221	41223		
3121	01405	11119	21019				

June

0107	01103	11120	21123				
0121	01108	11219	21122	31025	51022	70915	
0208	01405	11118	20924	30924	50922		
0220	01111	11015	20913	31310	51314	71415	81213
0307	01403	11111	21023	31219	51609		
0320	01105	11008	20709	30613	50511	70410	03410
0407	00000	10908	20508	30410	53514	63514	
0507	01803	10809	20506	30305	50304		
0520	01405	10804	20902	30402	43601		
0607	00000	11504	21817	31915	51910		
0621	00000	11416	21216	31214	51108		
0707	01705	11117	21020	30815	51611		
0720	00908	11015	20912	31009	50807		
0807	01408	11118	21220	31109	50911	60711	
0821	00000	10907	20710	30508	50110	73411	03303

International Seismological Centre

June (Contd.)

0911	00000	10918	21017	30812	50511	70411	90410
0920	01116	11024	20919	30819			
1007	01708	11019	21027	30820	50517		
1020	00908	11017	20814	30814	50810	61110	
1107	00000	10806	20806	30606	40506		
1121	01503	10914	20714				
1207	01013	11113					
1221	01603	11011	20911	30309			
1311	01603	10910	21021	30822	40827		
1322	00913	10818	20818	30621	40517		
1407	00911	10814					
1421	00208	10415	20319	30224	50234		
1520	03003	12508	22516	32715	42813		
1607	01108	13406	22006	32406	42706		
1620	00000	11108	21006	30806	50608	73508	03304
1707	01803	11405	21007	31006	40000		
1720	00000	12806	22704	32805	52610	72907	03115
1807	00000	11507	21612	31713	51511	72009	82013
1821	00000	13104	20000	30000	52505	72009	01806
1907	00000	10404	23602	30000	51002	70807	90902
1920	00000	10000	23508	33509	50308	70000	
2007	00000	10305	20309	30212	40215		
2022	01116	11221	21325	31327	51127	61023	
2107	01011	11512	21507	31507	51105	70804	
2120	01111	11118	21121	31120	51018	71218	01023
	50612						
2219	01119	11024	20925	30926	50927	71024	
2311	00000	11021	21126	31019	50614	70721	00517
2319	01108	11124	21026	31028	50927	70824	00718
2411	01208	10927	20927	30933	50734		
2507	01208	10915	20920	30817			
2520	01113	11117	20823	30826	50826	70517	
2619	00000	10708	20410	30414	50318	70218	03416
2707	01103	11012	20707	30507	50308	70206	00211
2720	01603	11010	20809	30810	50906	70906	00510
	50203						
2807	01303	11114	20911	30711	50911		
2820	00808	11017	21119	31219	51027	71023	00722
2907	01111	11122	21132	31033	50933	61030	
2920	01016	11025	20921	30925	40828		
3007	01008	11019	21021	30922	50819	70719	90719
3020	01011	11016	20914	30816	40722		

July

0107	00000	10906	20712	30715	50716	70612	
0120	01603	10908	20807	30706	50812		
0207	00000	11206	21109	31009	51010	70908	
0220	00908	10919	21014	31020	51017	70817	00516
	50715	80612	00507	50207	03407	53226	03032
	53345						

International Seismological Centre

July (Contd.)

0307	01703	10807	20712	30718	50621	70723	90825
0320	00000	11010	20908	30808	50520		
0407	01503	11113	20809	30712	40713		
0420	00908	10914	20816	30615	50616	70613	00709
	53609	83618	03517	53509	03117	52917	03122
0507	01603	10910	20607	30509	50511	70610	00609
0520	01105	11009	21009	30907	50609	70518	00516
	50616	80612	00311	53409			
0611	00000	11112	21216	31013	50611	70512	00813
0619	00000	11117	21022	30917	50819	70814	01010
0711	01603	11022	21025	31025	50822	70712	00705
0720	00916	11129	21025	31028	50825	70618	01802
	52706	72412	02317				
0807	01108	11018	20920	30923	50926	71017	
0820	01408	10712	20818	30718	50716	71014	91011
0907	01208	11021	21022	30924	50914	71014	01021
1011	01311	10918	20917	31010	41015		
1119	00000	10000	21305	31308	51407	71406	01108
	51112	81205	00603				
1211	00000	11211	21217	31221	51218	71210	00408
1311	01408	11122	21127	31128	50922	70929	01030
1319	01105	11016	20714	30509	51011	73412	
1407	01603	11115	21120	31119	51115	71213	01213
1420	01405	11015	21021	31027	50814	60812	
1507	01403	11115	21016	31015	51011	71110	01314
1520	01111	11017	20919	30920	50918	71014	01106
1607	01803	11109	20911	30712	50716	70504	00203
1622	00000	11107	21209	31009	51006	73604	03009
	52703	80820	00915	51324	01318	51415	71716
1707	00000	11115	21122	31117	51110	71005	03406
1720	01305	11014	20913	30810	50507	70407	00506
	50104	73603					
1807	01403	11018	20916	30813	50406	70404	
1820	01305	10910	21106	31703	51704	71803	00507
	51506	80908	00304				
1907	01803	11105	20905	30906	50707	70906	00907
1920	00903	10908	20806	30507	50509	70510	00509
	50604	81008	01305	52307	02714		
2011	00000	11009	20809	30605	50609	70706	91604
2019	00000	11105	21006	30904	50806	70805	01109
	51609	71416					
2111	00000	12405					
2120	01113	11216	21325	31225	51025	60935	
2207	01013	11315	21212	31221	50918	71017	00919
2221	01111	11217	21123	31234	41230		
2307	01405	11220	21122	31026			
2320	01211	11019	20925	30816	50621	70617	
2411	01008	11215	21124	30919	40918		
2419	01113	11129	21016	30927	50727	70825	
2511	00913	10916	20822	30822	50924	70922	
2522	01113	11124	21025	30943	50721	60825	

International Seismological Centre

July (Contd.)

2607	01208	11022	21021				
2620	00919	10821	20918				
2711	01408	11015	20817	30719	50720	70715	90820
2721	00916	11025	21019				
2807	01105	11021	20926	30625	50520	70517	90619
2822	00911	10917	20912	30814	50512	70316	90514
2907	01603	11011	21011	31010	50804	70609	00615
	10615						
2920	01103	10806	20906	30504	53305	73509	03609
3007	01603	11107	21206	32004	51607	71207	91109
3021	01603	10812	20816	30814	50709		
3106	00000	11112	21117	31017	50712	70515	80510
3122	00000	10812	20714	30609	50415		

August

0107	01119	10816					
0119	01108	11021	21026	31022	50918	70816	
0207	01108	11117	21019	31124	41025		
0219	01108	11120	21034	30926	50820	71112	91310
0311	01303	11116	21020	30925			
0319	01211	11016	21019	31019	51022	71009	01004
	51803	71707					
0411	00000	11110	21317	31222	51213	71319	91527
0420	00911	11308	22111	31613	51619		
0507	01105	11211	21413	31524	51217	61118	
0520	01605	11310	21511	31612	51014	61207	
0607	00913	11113	21411	31316	51211		
0620	01113	11123	21312	31313	51607	72505	01310
	52016						
0711	01308	11320	21127	31025	51710	72309	00805
0719	01608	11012	20918	30924	41023		
0811	01503	11018	21023	30927	50818	71011	
0822	01116	11019	20927	30922			
0907	01121	11024	21030	30832	50719	70525	
0922	01103	10908	20515	30525	50525		
1011	00608	10205	20217	30423	40521		
1020	01203	10606	20312	30215	50417		
1107	01803	11004	20704	33404	53505	71004	
1120	00905	11011	21112	31011	51213	71017	01318
	52311	81812	02805				
1207	01116	11212	21219	31119	50710		
1220	00913	11017	21027	31032	50822		
1307	01119	11126	21130	30827	50817	70427	00817
1320	00916	11027	21034	31035	50938	70931	00916
1407	01113	11125	21023	31136	50928		
1521	01408	11119	21029	31030			
1607	00000	11211	21112	31017	51210		
1620	01111	11227	21123	31022	50919		
1711	00000	11006	21211	31213	51316		
1719	00000	11109	21306	31415	51308	73109	00809
	50814	80507	00204	52908	02513	52514	02420

International Seismological Centre

August (Contd.)

1811	01419	11118	21119	31121	50822		
1907	00916	10919	20822	30825	50723	60723	
1921	00913	10923	20821	30722	50633	70727	
2006	01105	11015	20818	30816	40517		
2020	01005	10912	20612	30505	50308	70209	00507
	51808						
2111	00000	10000	22004	31608	51210	61314	
2119	00000	11104	20903	30604	50608	70706	01504
2211	00000	11011	20806	30506	50610	70310	
2222	00000	10000	23106	33404	53001	72408	03617
2307	01105	11011	21008	30505	50000	71402	
2322	00808	11008	21412	31316	51125		
2411	01803	11218	21023	31022	51123	61125	
2422	01103	10908	20809	30712	50711	70306	03205
2507	01211	11226	21125	30812	50510	70405	02203
2512	01316	11127	21133	31031	50920	60817	
2519	01119	11024	21029	30930	40930		
2607	01116	10919	20819	30716			
2611	01210	10916	20917	30817	50523	70317	
2620	01208	11017	20915	30812	50616		
2707	00000	11007	21006	30604	50305	73607	93407
2722	00911	11009	21205	31205	50307	73508	02209
2807	01603	11108	21213	31411	52008	70907	
2822	01011	11210	21309	31314	50910	70714	00307
2907	01405	11216	21118	31015	50909	70816	
2921	01105	11013	20917	30911	50613	70616	
3007	01205	11211	21218				
3022	00908	10911	20911	31110	50608	70510	00712
	50000	72711					
3111	00000	11002	21206	31412	51214	71012	00920
3120	01108	10809	20811	30708	40504		

September

0111	01413	11109	21110	31013			
0119	01113	11116	21127	30826	50831	70928	
0208	01208	11110	20910	30806			
0320	00908	10912	20910	30910	50919	70923	
0411	01403	11020	21022	30821	50831		
0419	00000	11113	21119				
0511	00919	11027	21027	30934	51027		
0521	01321	11130	21132	31141	51025	71026	00718
0607	01119	11229	21232	31238	50819	60618	
0621	01119	11128	21032	30925	41029		
0711	01503	11217	21125	31129	51034	61033	
0722	01021	11128	21224	31129	51235	71415	01418
	51910	81205	03513	53032	83131		
0807	01111	11226	21227	31231	51230	71230	
0820	00911	11120	21124	31120	51119	71020	01120
	52005	82013					
0907	01105	11217	21120	31123			

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September (Contd.)

0921	00908	11011	20818	30718	50714	60615	
1007	01011	11017	20819	30727	50628	70728	
1021	00813	10921	20820	30817	50618	60617	
1107	02003	11014	20814	30614	50704	70207	
1120	00203	10105	20706	30507	53002	72410	
1206	01405	11108	21108				
1220	01219	11020	21021	31122	51213	71910	01503
	53118	73118					
1306	01603	11217	21230	31225	51022	71017	02007
	53118						
1320	01313	11123	21127	30816	50722	71007	01214
	52106	72407	03114	52024			
1411	02003	11113	21114	31016	50809		
1419	02603	13103	20000	30000	52002	70204	03012
3021	00000	10104	23207	33211	52807	62904	

October

0107	00000	10000	23405				
0207	00000	10505	20202	31808	51802	71015	91407
0221	00916	11026	21016	31113	51304	71113	00204
0311	00000	11014	21108	31012	51015	61013	
0321	00000	11121	21114	31011			
0407	01305	11211	21217	31111	50914	71020	
0421	01013	11024	20918	30920	50920	70913	80913
0511	00000	11013	20912	30718	50628	60724	70731
0519	01013	11021	21016	30917	50908	70707	01115
	50703						
0607	00908	11118	21215	31212	51321		
0621	01013	11119	21217	31322	50817	70818	90917
0707	01208	11115	21019	31121	51014	70816	
0721	01013	11017	20915	30918	50810	70910	00712
0807	01108	11022	21020	30919	50813		
0821	00813	10716	20719				
0907	01116	10921	20921	31015	50815		
0921	01403	11213	21213	31211	41305		
1007	01311	11009	20912	30914	41013		
1022	00713	10821	20817	31112	51505	61106	
1107	01608	11013	21113	31112	51308	71608	02108
1211	01903	10706	20407	30406	53509		
1219	00000	10605	23607	33512	53309	73310	03209
	53017						
1311	02303	13207	23214	33114	40903		
1320	02905	12707	22708	32709			
1407	00000	13205	23104	33208	53211	70108	
1421	00000	10207	20204	33204	52704	73007	93208
1507	00000	12002	22102	32501	42701		
1520	03603	10703	20803	30904	50402		
1611	00000	10902	20000	30000	50000		
1620	00703	10705	20705	30706	50606	70805	00404
1711	00000	11008	20708	30805	50307	73404	93206

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October (Contd.)

1720	01105	10907	20912	30611	50109	73512	03210
	52315	72217					
1808	00000	11011	20808	30404	52905		
1820	00603	10505	23603	33505	53406	73203	02204
1911	02505	11805	20805	30304	43602		
1920	00000	13205	23312	33412	50108	70108	00202
	53407	83409	00108	52127			
2007	00000	13601	20401				
2020	00000	13405	23304	33205	53003	62704	
2109	00000	10906	20405	33603	50804	70602	
2120	00505	10410	20408	30707	40709		
2206	00000	10000	20404	30105	50320	70514	
2220	01011	11014	20909	30710			
2307	00913	11015	21014	30913	50811	70713	
2320	00911	11007	20806	30807	50604	70609	90513
2407	01403	10814	20918	30914			
2420	01203	10906	20608	30509	50317	70616	00317
	53412	73215	93124				
2508	00000	12304	20804	30705	50909	70909	
2520	00703	10708	20511	30313	50317	70411	
2611	00000	10804	21106	31508	50608		
2619	01303	11004	20707	30811	50712	70710	
2707	01405	11323	21125	31225			
2721	02005	11411	20813	30819	40718		
2807	02103	11112	20910	30912	50609	70810	
2820	00708	11108	21213	31117	51018	70917	00814
2907	01305	11009	21111	31118			
2920	00205	10609	20502	30402			
3011	01411	11114	21020	31012	51207		
3019	01108	11114	21115	30919	51313		
3120	01113	10917	20918	30818	50718	60717	00514

November

0107	00000	11208	20911	30816	50810	60406	
0211	00000	10907	20909	30412	50618	60513	
0221	00908	10809	21110	31011	50318	70428	90311
0307	00000	10908	21211	31217	41118		
0320	00908	11115	20914	30816	40818		
0407	00905	10415	21213	30425	50829		
0421	01005	10915	20714	30814	50620	60320	
0506	00905	11013	20817	30617	50815		
0521	00911	10916	20712	30909	50612	70506	
0620	00000	10906	20206	33608	52508	62804	
0707	00000	10903	23505	33407	53513	73212	83011
0721	01305	10711	20216				
0807	01903	10803	20106	33508	53210	72706	92910
0820	00000	10606	20902	33601			
0911	01703	11202	20902	31509	51609		
1007	01303	10607	20806	31407	51416	61416	
1021	00905	12303	21506	31308			

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November (Contd.)

1107	01303	11215	21314	31321	50807	70308	01112
1121	00603	13504	20203	31204	51415		
1207	01111	11211	21207	31414	51115	61112	
1311	01903	11106	20107	33512	53215	73123	03015
1411	01803	11116	20816	30615	50517	70414	80413
1420	01005	10812	20711	30612	50417	70420	80422
1507	01703	11008	20709	30509	50312	71202	00608
1520	01008	10913	20909	31008	50711	70710	01107
	50106	01705					
1611	01803	11013	21014	31014	50615	70515	90616
1620	00928	11117	21017	30915	50718	70520	00519
	50509	80308	00109	50207	70103		
1707	00000	10911	20909	30806	50607	70512	00312
2120	00203	11204	20000	30309	50306	70418	03405
	52710	72508					
2207	00000	11502	22005	32303			
2220	02003	10508	20812	31109	51212	71014	00614
	50715	80808	01512				
2307	01703	10812	20707	30612	50717	70916	01009
2319	00000	11009	20910	30711	50813	70917	01115
	50907	81112	01216	51811	82122		
2411	01201	11114	21118	30913	50915	70811	80911
2420	00913	11112	21314	31314	51113	70912	01016
	41116						
2508	01308	11122	21119	31020	51018	70813	
2608	01405	11204	21303	31306	51504	70503	00903
2620	00000	12004	21605	31411	51904	70105	00109
	40903						
2720	01403	12904	22302	32701	51807	70504	82301
2822	00711	10812	22808	32711	50709	62709	
2907	00000	12706	22103				
3011	02003	11105	21205	31206	51305	61210	
3020	01803	10708	21109	30807	50909	60906	

December

0106	01903	12609	22709	32710	42810		
0206	00000	10805	20704	33605			
0320	00903	10905	20902	32702	51104	71004	00902
0420	00908	11017	21216	31219	51119	70505	01707
0506	01408	11118	21017	31021	51113	61029	
0520	01108	11015	20913	30912	50305	71106	01210
0607	00000	11203	20805	31402			
0620	00911	10902	22802	31302	51003	70606	01007
	52005	72609					
0711	01803	11105	21307	31307	51311	61306	
0720	01108	11124	21023	31028	50820	70916	91113
0811	00000	10806	21003	31104	53604	71010	81208
0819	00000	11008	21111	31007	41108		
0908	00000	11010	21109	31014	50912		
0922	00803	10708	20805	31007	50806	70304	90304

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December (Contd.)

1007	00000	11009	21009	31010	50602		
1020	00903	11109	20909	31007	50807	70409	
1111	00000	11006	20905	30707	40608		
1119	00000	12702	22805	33009	53111	73211	03214
1211	01805	12910	23217	33220	53115	73311	03015
1221	00801	10205	23508	33113	53315	73115	83116
1311	00000	12903	20508	33206	53610	73608	
1321	00000	12405	23105	30503			
1421	01003	10708	20411	30413	50414	70308	
1507	00000	10906	20708	30609	50707	71104	81506
1521	03303	12906	22805	33106			
1607	00000	12305	22108	32006	52506	72803	82406
1611	00000	12701	22002	32205	52605	72702	82405
1621	00403	10102	22605	32707	52711	72709	02609
	52813	82914	02913				
1711	00000	10404	23607	33509	53310	73310	03110
1720	03003	12704	22505	32204			
1811	01303	11208	21505	32107			
1820	00603	10906	20803	32304			
1906	00000	11106	21302	31111	51107	71510	01606
1920	03005	13206	22408	32506	52705	72804	
2007	00000	11306	21208	31009	51104		
2021	00000	11309	20416	31322	50623	70503	
2120	01208	11013	21915	30914	50815	70922	
2221	01916	10810	20714	30615	50519	70426	80326
2307	01211	11018	20920	31022	50919	71012	80912
2321	00713	10517	20516	30615	50421		
2721	01003	10909	20809	30811	50618	70915	00818
2811	01801	11115	21025	31018	51017	70820	80819
2821	01013	11116	21122	31121	51127	71120	01023
2911	01703	11216	21122	31028	50915	60811	
2921	01305	11120	21127	31030	51033	70927	
3107	02003	12203	22401	53110	63607		

International Seismological Centre

CLIMATOLOGICAL SUMMARY, 1945

Mean Values and Frequencies of Meteorological Elements.

Station - Atafu. Lat. 8° 32'S. Long. 172° 31'W. Altitude: 10 feet above sea level (barometer cistern). Hour of observation: 7.00 a.m. Local Time (Time standard: +11h i.e. slow on Greenwich).

Month	Barometer (millibars)	TEMPERATURE (°F)								Rainfall (inches)	Wind - Number of observations of:											Clouds: Number of observations of:			
		Dry Bulb	Wet Bulb	Mean Maximum	Absolute Maximum	Date	Mean Minimum	Absolute Minimum	Date		Forces 8 or more	Forces 4 - 7	Forces 1 - 3	Calm	N	NE	E	SE	S	SW	W	NW	Variable	Clear Sky 0-2	Partly Clouded 3-7	Overcast 8-10
January	1009.2	80.9	77.0	89.2	92.1	10,11	78.8	74.3	1	9.61	0	1	29	1	5½	8	14½	1	½	½	0	0	0	0	19	12
February	1009.0	80.4	76.0	88.7	93.2	10	77.9	74.1	20,28	9.60	0	8	20	0	3	19	6	0	0	0	0	0	0	0	21	7
March	1009.3	80.3	77.1	87.2	91.0	29	77.3	74.1	1,14	13.64	0	8	23	0	1	5½	20	4½	0	0	0	0	0	0	11	20
April	1009.4	81.0	77.6	88.9	92.5	15	78.5	72.9	5	5.82	0	2	27	1	5½	3	15	4	1½	0	0	0	0	0	21	9
May	1010.4	79.7	77.0	88.9	92.1	11	77.2	74.5	24	7.59	0	0	27	4	0	11	10½	4½	0	0	½	½	0	0	21	10
June	1009.4	81.3	77.6	88.8	91.8	16	79.0	75.0	24	3.69	0	6	24	0	0	3	21	5	½	½	0	0	0	2	21	7
July	1010.2	80.6	76.9	87.7	90.3	31	78.3	74.3	3	6.32	0	2	29	0	0	½	23½	6½	½	0	0	0	0	6	23	2
August	1011.1	80.2	76.6	87.8	89.6	21,31	77.5	74.3	24	6.28	0	9	22	0	0	2	24	4	1	0	0	0	0	2	21	8
September	1011.3	81.2	76.6	89.3	91.4	16,17,20	78.9	76.1	8	2.77	0	9	21	0	0	3½	22	4½	0	0	0	0	0	12	16	2
October	1011.0	80.7	76.6	90.2	92.5	22	78.4	76.1	10,11,25	9.30	0	3	25	3	1	9½	14	2½	1	0	0	0	0	5	21	5
November	1009.3	80.3	76.6	89.7	93.6	30	77.2	73.8	10	6.71	0	3	27	0	6½	12	8½	3	0	0	0	0	0	0	23	7
December	1009.0	80.6	76.4	89.7	93.0	3	77.4	73.8	6,26	11.94	0	2	27	2	1½	14	10½	1	0	0	1	1	0	3	21	7
Year	1009.9	80.6	76.8	88.8	93.6	Nov. 30	78.0	72.9	Apr. 5	93.27	0	53	301	11	24	91	189½	40½	5	1	1½	1½	0	30	239	96

Source of data:

Monthly meteorological reports supplied by the native radio operator, Simi. Readings of pressure were obtained from a Kew pattern mercury barometer (C117539) and temperatures were read from mercury thermometers which are exposed in a Stevenson screen of standard pattern. The readings of the barometer are corrected for index error temperature, gravity and elevation above mean sea level.

Note: The frequencies of the wind have been condensed to eight principal points by crediting one half of the frequencies of intermediate points to each of the neighbouring principal points, e.g. a frequency of 5 observations of wind from NNE is expressed as N 2½ and NE 2½.