

75° 31 S. 26° 36 W

Sheet

SEISMOLOGICAL OBSERVATIONS

HALLEY BAY, ANTARCTICA. (A. 989)

Sent by The Crombie Seismological Laboratory, Cambridge, England.

(Focal depths, as in telegraphic code).

copied.

+ 2251
- 112)
- 9678

1957 June

Focal depth
Normal (H)

✓ 14	eP	04h 00m 48s	
	eS	04 06 54	
✓ 14	eP	06 01 00	H
	eS	06 07 52	
✓ 14	eP	06 38 05	H
	IS	06 42 45	
✓ 14	eP	07 52 38	H
	IS	07 57 12	
✓ 15 Aug.	eP	20 58 11	H
	ePP	21 02 25	
✓ 18	1PKP	22 02 30	H
	eSKS	22 09 39	
✓ 22	1P	08 09 14	H
	ePP	08 13 45	
✓ 23	eP	13 46 35	H
	1PS	14 00 52	
✓ 23	1P	16 56 10	H
	eS	17 07 28	
✓ 26	1P	11 39 02	H
	ePS	11 41 16	
✓ 30	1P	04 00 42	H
	IS	04 10 58	
✓ 1 Sept.	ePKP	13 09 09	H
	ePP	13 11 35	
✓ 9	eP	09 13 31	H
	ePS	09 25 25	
17	1P	14 33 23	H
	ePP	14 35 15	
23	1PP	05 40 38	H
	1SS	05 53 54	
26	1P	12 13 24	Depth 3 (150-179 km)
	1SS	12 26 25	
28	1PP	0 45 58	Depth 8 500 km over
	1PKP	0 48 43	
28	1P	14 31 24	Depth 8
	IS	14 40 56	
✓ 25 Aug.	eP	04 29 44	H
	ePg	04 30 02	
✓ 25	eP	06 56 46	H
	eS	06 57 28	
✓ 26	ePg	19 46 33	H
	ISg	19 47 28	
✓ 28	eP	18 54 07	H
	eS	18 55 21	
✓ 2 Sept.	eP	15 45 47	H
	ePP	15 47 57	

(see over)

HALLY BAY

Sheet 2

1957 Sept.

Focal depth

9	1P	18h 46a 27a	H
	1S	18 46 52	
9	1Pg	18 51 32	H
	1Sg	18 52 35	
14	1Pg	03 55 12	H
	eSg	03 55 35	
15	eP	23 17 36	H
	1S	23 18 36	
16	1Pg	06 12 20	H
	eSg	06 13 37	
17	1P	01 25 38	H
	eS	01 25 44	
17	eP	20 51 22	H
	1Pg	20 51 30	
18	eP	18 34 05	H
	1S	18 34 29	
19	eP	02 42 11	H
	1Pg	02 42 25	
19	eP	20 52 05	H
	1Sg	20 52 45	
20	eP	00 11 49	H
	1S	00 12 53	
21	eP	01 30 36	H
	eS	01 31 14	
21	1P	06 00 37	H
	1Pg	06 00 54	
22	1P	14 06 16	H
	1PP	14 07 04	
22	1P	14 37 09	H
	1S	14 39 39	
22	1P	15 31 51	H
	1Pg	15 32 07	
22	1PP	16 17 36	H
	eS	16 23 00	
24	eP	09 18 58	H
	eS	09 19 21	
25	eP	23 58 16	H
	1Pg	23 58 22	
27	eP	22 14 39	H
	1Pg	22 14 47	
27	eP	23 27 31	H
	eS	23 34 40	
28	1PP	00 45 58	H
	1S	00 48 43	
29	1P	08 24 26	H
	1S	08 26 32	

Received later.

5 Sept.	1P	19 08 35	3
	ePP	19 10 51	
6	1P	00 27 51	2
	1PP	00 29 06	
9	1P	00 22 42	H
	eS	00 30 10	
29	1P	02 16 14	H
	ePP	02 17 57	

100-145 K

SEISMOLOGICAL OBSERVATIONS.

HALLEY BAY, ANTARCTICA (A. 989)

Sent by the Crobmie Seismological Laboratory, Cambridge, Englend. (B. 086)

(Focal depths as in telegraphic code)

Additional Readings.

1957 Oct.		00h	05m	30s	Focal Depth
08	iPP	00	11	30	Normal (N)
	iSS				
08	eP	19	39	16	N
	eS	19	44	16	
08	iP	23	44	43	N
	iS	23	51	56	
09	eP	13	48	22	N
	iS	13	53	21	
09	eP	14	22	44	N
	iS	14	30	39	
13	iP	17	26	02	N
	iS	17	32	02	
14	iP	01	16	04	N
	iS	01	20	40	
18	ePKP	18	18	49	N
	iSKS	18	25	44	
25	eP	12	44	20	N
	iS	12	51	40	
26	iPg	14	08	35	N
	ePg	14	09	25	
31	iP	11	40	56	N
	iPg	11	41	03	
Nov.					
08	iP	22	38	54	N
	iS	22	43	20	
09	iP	22	21	40	N
	iPP	22	21	52	
10	iP	07	31	10	N
	iPP	07	31	22	
14	iP	19	36	21	N
	iS	19	39	41	
26	eP	03	02	50	N
	iPg	03	03	07	
29	iP	12	29	18	N
	iS	12	37	12	
Dec.					
09	eP	05	09	27	N
	iS	05	09	31	

Azimuth 320°

SEISMOLOGICAL OBSERVATIONS

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HALLEY BAY, ANTARCTICA (A. 989)

Sent by the Crombie Seismological Laboratory Cambridge, England. (B 086)

(Focal depths as in telegraphic code)

1957 Nov.			Focal depth Normal (N)
01	iP iS	13h 20m 10s 13 25 54	
03	eP iPg	20 03 42 20 03 52	N
05	iP iS	18 09 52 18 13 27	N
✓06	iP iPP	13 32 44 13 32 58	N
06	iP eS	15 18 54 15 21 49	N
08	iP iPP	00 22 49 00 23 20	N
09	eP eS	04 29 21 04 33 16	N
09	iP iPg	10 59 32 10 59 41	N
✓10	eP iPP	06 08 10 06 10 12	N
10	iP iPP	20 06 23 20 06 32	N
✓13	iP iS	17 33 59 17 38 46	N
14	iPP iSS	19 30 14 19 33 03	N
15	eP iS	11 40 15 11 40 42	N
16	iP eS	03 28 53 03 32 04	N
17	iP iS	09 23 48 09 24 09	N
18	iP iS	03 31 21 03 35 33	N
18	iP iS	22 44 14 22 44 49	N
21	eP iPg	05 14 57 05 15 10	N
06	iP ePP	05 08 11 05 10 20	Depth 4
07	iP eS	03 09 45 03 19 19	N

(7)

1957 Nov.

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Focal depth

✓07	iP ePP	06h 29m 40s 06 31 23	N
08	iP iSS	03 00 07 03 01 24	N
08	iP iPS	19 25 03 19 37 01	N
10	eP iS	05 40 18 05 50 20	N
14	iPKP eSKS	04 54 40 05 01 30	N
15	iPKP iSKS	06 26 51 06 33 52	N
✓✓15	iPKP iPP	16 50 48 16 54 37	N
✓13	iP iS	17 33 59 17 43 29	N
17	iPKP iPP	06 17 01 06 21 13	Depth 6
21	eP iPP	07 14 35 07 15 10	N
24	iP iS	18 44 13 18 46 46	N
25	eP iPg	12 42 14 12 42 20	N
06	iP eS	06 12 31 06 16 05	N

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Readings & dates out of order!!

SEISMOLOGICAL OBSERVATIONS.

HALLEY BAY, ANTARCTICA (A. 989)

Sent by the Crombie Seismological Laboratory, Cambridge, England. (B.086)

(Focal depths as in telegraphic code)

1957 Dec.				Focal Depth Normal (N)
06 ✓	iPKP	04h 09m 32s		
	iPP	04 13 10		
26 ✓	eP	01 30 37		N
	iPP	01 30 52		
26 ✓	iP	12 20 29		N
	iPP	12 22 23		
28 ✓	eP	01 58 13		N
	iS	01 58 39		
1958 Jan.				
02 ✓	iP	17 59 06		N
	iS	18 02 26		
05 ✓	iPP	02 30 51		N
	iS	02 37 13		
✓ 05 ✓	iPP	09 53 30		N
	eS	10 00 18		
08 ✓	eP	01 53 14		N
	iS	01 57 33		
08 ✓	eP	21 54 18		N
	iS	22 00 40		
09 ✓	eP	20 46 48		N
	iS	20 51 15		
✓ 05	eP	12 41 51	Depth 2	
	iS	12 53 15		
✓ 06	iPP	07 09 03		N
	iSKS	07 16 05		
✓ 09	iPKP	17 58 52		N
	ePP	18 01 37		
✓ 10	iPKP	23 17 00		N
	ePP	23 20 45		
✓ 11	iP	13 31 15		N
	iPS	13 42 14		
✓ 15	eP	22 28 48		N
	iSKS	22 39 08		