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ALEUTIAN SEISMIC PROGRAM
SEISMOLOGICAL BULLETIN
JAN-FEB 1970

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY
ROCKVILLE, MARYLAND 20852

MARCH 1971

PREPARED FOR THE U.S. ATOMIC ENERGY COMMISSION
NEVADA OPERATIONS OFFICE
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SEISMOLOGICAL BULLETIN

THE PURPOSE OF THIS BULLETIN IS TO COLLECT AND DISTRIBUTE PRELIMINARY DATA ACQUIRED FROM AN ALEUTIAN NETWORK OF SEISMIC STATIONS IN ORDER TO FACILITATE CURRENT STUDIES OF EARTHQUAKE OCCURRENCE IN THE ALEUTIAN ISLANDS. RECORD ARRIVAL TIMES AND AMPLITUDES ARE SCALED BY THE SPECIAL PROJECTS PARTY, LAS VEGAS, NEVADA. FINAL REDUCTION AND COLLATION OF DATA TO EVENT HYPOCENTERS AND DERIVATION OF RELATED PARAMETERS ARE PERFORMED BY THE SEISMOLOGY DIVISION, ROCKVILLE, MARYLAND. THIS COMPILATION IS PRELIMINARY AND MAY BE SUBJECT TO LATER REVISION ON THE BASIS OF CURRENT RESEARCH.

DESCRIPTION OF COLUMN HEADINGS

DATE - DAY, MONTH, AND YEAR IN GREENWICH MEAN TIME (GMT)
 STA - STATION CODE
 PHASE - NAME OF PHASE REPORTED
 I OR E INDICATES THE CHARACTER OF PHASE ARRIVAL
 C OR D IN THE FOURTH CHARACTER INDICATES DIRECTION OF FIRST MOTION
 TIME - ARRIVAL TIME OF PHASE IN HOURS, MINUTES, AND SECONDS (GMT)
 AMP - GROUND DISPLACEMENT OF PHASE IN MILLIMICRONS
 AMPLITUDES REPORTED WITH S PHASES ARE MAXIMUM SURFACE WAVE
 DISPLACEMENTS
 PER - PERIOD OF PHASE IN SECONDS
 MAG - STATION MAGNITUDE DEFINED BY
 $M_{6.6} = -6.4 + \log_{10}(AMP/PER) + 3.70 * \log_{10}(DIST)$
 FOR LOCATED EVENTS OF DEPTH 50 KM OR LESS AND DISTANCE
 GREATER THAN 10 KM AND LESS THAN 180 KM FROM STATION
 DIST - GREAT CIRCLE DISTANCE TO EVENT IN KILOMETERS
 AZI - STATION TO EPICENTER AZIMUTH IN DEGREES TAKEN CLOCKWISE FROM NORTH
 RES - PHASE TRAVEL TIME RESIDUAL IN SECONDS (O-C)
 REMARKS- DESCRIPTIVE INFORMATION

DESCRIPTION OF HYPOCENTER INFORMATION

HYPOCENTER DATA ARE LISTED IN CHRONOLOGICAL ORDER AND ARE FOLLOWED BY ASSOCIATED PHASE ARRIVALS

FIRST LINE DATE
 ORIGIN TIME (GMT)
 GEOGRAPHIC COORDINATES
 DEPTH OF FOCUS IN KILOMETERS
 AVERAGE BODY WAVE (MB) AND SURFACE WAVE (MS) MAGNITUDES
 TYPE OF SOLUTION
 SECOND LINE GEOGRAPHIC REGION

ALEUTIAN SEISMIC NETWORK

CODE	STATION	PERIOD OF OPERATION	LATITUDE (DEG MIN SEC)	LONGITUDE (DEG MIN SEC)	ELEVATION (METERS)
ADK	ADAK OBSERVATORY		51 53 01.4 N	176 34 49.4 W	108
AG1	ANCHITKA GEOPHONE 1	02/10/69-04/10/69	51 24 58.2 N	179 10 49.8 E	
AG3	ANCHITKA GEOPHONE 3	02/10/69-04/10/69	51 25 25.8 N	179 11 24.6 E	
ANA	AMATIGNAK ISLAND	09/10/70-	51 17 17.5 N	179 06 33.5 W	503
AME	ANCHITKA EXPERIMENTAL	01/04/69-26/05/69	51 23 12.0 N	179 15 18.0 E	
ANA	ANCHITKA NORTH A	25/08/69-25/09/69	51 37 39.8 N	178 39 22.7 E	177
		25/09/69-05/11/69	51 37 34.9 N	178 39 41.8 E	133
		05/11/69-16/07/70	51 37 39.8 N	178 39 22.7 E	177
		16/07/70-	51 37 34.9 N	178 39 41.8 E	133
ANB	ANCHITKA NORTH B	09/12/69-18/07/70	51 36 12.0 N	178 47 21.0 E	247
AND	ANCHITKA NORTH D	18/07/70-	51 33 44.4 N	178 57 12.4 E	187
ASB	ANCHITKA SOUTH B	25/05/69-	51 21 37.8 N	179 14 50.3 E	34
ASC	ANCHITKA SOUTH C	28/07/69-25/09/69	51 27 44.9 N	179 09 53.9 E	40
		25/09/69-13/07/70	51 27 41.9 N	179 07 29.9 E	36
		13/07/70-	51 27 44.9 N	179 09 53.9 E	40
ASD	ANCHITKA SOUTH D	29/05/69-06/06/69	51 22 36.0 N	179 20 30.0 E	
		06/06/69-	51 23 26.9 N	179 20 31.6 E	61
AWA	ANCHITKA WOOD-ANDERSON		51 22 28.5 N	179 15 09.6 E	
CSA	CAPE SARICHEF	22/11/70-	54 35 40.0 N	164 52 30.0 W	152
GMA	GRANITE MOUNTAIN	18/09/70-	65 25 43.0 N	161 13 55.0 W	856
LSI	LITTLE SITKIN ISLAND	16/08/69-18/09/69	51 55 10.8 N	178 32 01.8 E	145
OB3	OCEAN BOTTOM SEIS 3	30/09/69-17/10/69	50 59 00.0 N	179 21 30.0 E	-3317
OB5	OCEAN BOTTOM SEIS 5	27/09/69-17/10/69	51 19 00.0 N	178 27 30.0 E	-1234
OB6	OCEAN BOTTOM SEIS 6	26/09/69-18/10/69	51 46 30.0 N	179 06 30.0 E	-859
OB8	OCEAN BOTTOM SEIS 8	26/09/69-16/10/69	51 22 00.0 N	179 35 42.0 E	-1408
RAT	RAT ISLAND	14/10/70-	51 47 56.7 N	178 19 48.3 E	226
SHY	SHEMYA	17/11/70-	52 43 51.0 N	174 06 11.0 E	58
SSI	SEMIPOCHOINOI ISLAND	13/08/69-04/11/69	51 54 52.2 N	179 37 26.4 E	335
		17/10/70-	51 53 32.8 N	179 35 17.9 E	177

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	ASD	EPN	01 29 9.8							
		IPG	01 29 10.5							
		ES	01 29 23.5							
01	ASB	IPGD	01 29 10.6							
		ES	01 29 23.8							
01	ASC	IPND	01 29 10.7							
		IPG	01 29 11.0							
		ES	01 29 25.1							
.....										
01	1 43	46.70	8.60 N	83.53 W	DEPTH =	48.0 KM	MB = 5.2	MS = 5.7	TELESEISMIC SOLUTION	
COSTA RICA										
01	ADK	EP	01 56 27.4				9473	82		
.....										
01	ASD	EP	04 01 15.5							
		ES	04 01 34.9							
01	ASB	EP	04 01 16.2							
01	ASC	EP	04 01 16.6							
01	ASD	EPN	08 11 44.4							
		IPG	08 11 45.9							
		ES	08 12 2.1							
01	ASB	IPN	08 11 46.0							WHITEOUT
		IPG	08 11 47.4							
		ES	08 12 1.4							
01	ASC	EPN	08 11 46.7							DUBIOUS S
		IPG	08 11 48.0							
		ES	08 12 3.8							
.....										
01	22 9	28.60	4.04 S	153.92 E	DEPTH =	404.0 KM	MB = 5.2	TELESEISMIC SOLUTION		
NEW IRELAND REGION										
01	ADK	EP	22 19 3.5				6794	214		
.....										
02	ADK	EP	08 10 22.6							
04	ADK	IP C	08 48 35.1							
		IS	08 48 46.6							
.....										
04	17 0	40.20	24.14 N	102.50 E	DEPTH =	31.0 KM	MB = 5.9	MS = 7.5	TELESEISMIC SOLUTION	
CHINA										
04	ADK	EP	17 11 28.8				7326	279		
		ES	17 20 12.0							
.....										
05	ADK	EP	13 05 44.2							
		ES	13 06 6.9							
05	ADK	EP	14 05 43.2							
		ES	14 06 10.0							
05	ADK	IP	16 48 39.9							
		IS	16 48 50.8							
.....										
06	5 35	51.80	9.62 S	151.44 E	DEPTH =	8.0 KM	MB = 5.7	MS = 6.2	TELESEISMIC SOLUTION	
DENTRECASTEAUX IS										
06	ACK	EP	05 46 48.4				7468	215		
		ES	05 55 46.0							
.....										

JAN 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
08	17 12	39.10	34.74 S	178.57 E	DEPTH = 179.0 KM	MB = 6.1	TELESEISMIC SOLUTION			
SOUTH OF KERMADEC IS										
08	ADK	IP	17 25	.8			9608	184		
		ES	17 35	6.0						
09	ADK	EP	01 40	39.3						
		ES	01 41	6.0						
09	7 41	14.40	52.75 N	168.66 W	DEPTH = 33.0 KM	MB = 4.0	TELESEISMIC SOLUTION			
FOX ISLANDS, ALEUTIAN ISLANDS										
09	ADK	EP	07 42	28.9			549	77		
		ES	07 43	26.0						
09	ASD	IP	12 09	42.8	36.3	.2				
		IS	12 10	3.1	35.0	.2				
09	ASC	IP	12 09	43.1						
		ES	12 10	2.7						
09	ASB	EP	12 09	43.9						NOISY
		ES	12 10	3.9						
09	ASD	EPG	14 34	14.4	9.1	.2				
		ES	14 34	28.9						
09	ASC	EPG	14 34	15.9						
		ES	14 34	30.9						
09	ANA	IPG	16 20	54.3						
		ES	16 21	3.7						
09	ASB	IPG	16 20	55.5						NOISY
		ES	16 21	5.0						
09	ASD	IPG	16 20	56.7	10.9	.2				
		ES	16 21	6.0	16.9	.2				
10	ADK	EP	07 42	57.1						
		ES	07 43	16.8						
10	12 7	8.60	6.82 N	126.74 E	DEPTH = 73.0 KM	MB = 6.1	TELESEISMIC SOLUTION			
MINDANAO, PHILIPPINE										
10	ADK	IP	12 17	38.6			7171	247		
10	13 59	38.00	6.78 N	126.84 E	DEPTH = 67.0 KM	MB = 5.4	TELESEISMIC SOLUTION			
MINDANAO, PHILIPPINE										
10	ADK	EP	14 10	9.5			7168	247		
10	14 16	29.10	6.76 N	126.92 E	DEPTH = 62.0 KM	MB = 5.6	TELESEISMIC SOLUTION			
MINDANAO, PHILIPPINE										
10	ADK	EP	14 27	.9			7165	247		
		E	14 26	20.0						

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JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	5	2	5.80	7.32 N	126.81 E	DEPTH = 70.0 KM	MB = 5.5	TELESEISMIC SOLUTION		
MINDANAO, PHILIPPINE										
11	ADK	EP	05 12 12.8				7121	247		
		E	05 12 35.0							
11	ADK	IP	17 06 19.8							
		ES	17 06 27.8							
11	ADK	EP	20 13 42.7							
		ES	20 14 24.1							
12	ADK	EP	07 44 6.8							
		ES	07 44 14.4							
12	ASB	EPG	21 57 58.9							
12	ASD	IPGD	21 57 59.1	6.3	.2					
		IS	21 57 4.7	6.3	.2					
12	ASD	IPGC	22 27 35.5	4.5	.2					
		IS	22 27 48.7	10.2	.2					
12	ASB	EP	22 27 36.5	3.0	.2					
		ES	22 27 50.7	8.1	.2					
12	ASC	EP	22 27 38.0							
		IS	22 27 53.1							
13	ASD	IP	02 04 55.9	53.6	.2					
13	ASB	IP	02 04 57.0							
13	ASC	IPG	02 04 57.5							
		IS	02 05 1.7							
13	ASD	EP	02 08 51.9	22.8	.3					
13	ASB	IP	02 08 53.0							
13	ASC	EP	02 08 57.3							
		ES	02 09 1.7							
13	ASB	EP	02 19 53.0							
		ES	02 20 8.9							
13	ASD	IP	02 19 53.4	3.1	.2					
		IS	02 20 10.7	9.9	.2					
13	ASB	EPG	03 17 54.9	2.1	.2					
		ES	03 18 3.0	7.9	.2					
13	ASD	EPG	03 17 56.2	1.8	.2					
		IS	03 18 4.5	6.0	.2					
13	4	22	7.40	51.51 N	175.76 W	DEPTH = 45.0 KM	MB = 4.0	TELESEISMIC SOLUTION		
ANDREANOF ISLANDS, ALEUTIAN IS.										
13	ADK	EP	04 22 20.2				70	126	-.6	
		E(S)	04 22 28.8						-1.8	
13	7	29	51.40	51.10 N	179.06 E	DEPTH = 37.6 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	IP	07 29 59.3				32	204	-.1	
13	ASD	IPGC	07 29 59.2	17.1	.2	1.31	36	212	-.0	
		ES	07 30 5.8						-.4	
13	ASC	IP	07 30 .2				41	189	-.2	
		IS	07 30 6.9						-.1	

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	7 31	53.38	51.08 N 179.15 E	DEPTH = 35.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	IP	07 32 1.1				32	192	-.1	
13	ASD	IP D	07 32 1.5	20.7	.2	1.35	35	202	-.1	
13	ASC	IP	07 32 2.3				42	181	-.1	
		IS	07 32 8.8						-.2	
13	7 33	1.76	51.21 N 179.13 E	DEPTH = 25.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	IP	07 33 6.8				18	206	-.3	
		IS	07 33 10.8						-.1	
13	ASD	IP D	07 33 7.5	3.6	.2	-.08	23	219	-.1	
		IS	07 33 11.5						-.3	
13	ASC	EP	07 33 8.0				28	184	-.1	
		ES	07 33 12.4						-.3	
13	7 33	31.33	51.06 N 179.18 E	DEPTH = 32.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	EPG	07 33 38.8				34	188	-.2	
		ES	07 33 44.6						-.1	
13	ASD	IPG	07 33 39.6	8.0	.2	1.01	37	198	.2	
		ES	07 33 45.3	8.0	.2	1.01			-.0	
13	ASC	IPG	07 33 40.3				45	178	-.1	
		IS	07 33 46.8						-.2	
13	7 37	31.52	51.01 N 179.03 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	EPG	07 37 39.3				42	201	-.4	
		ES	07 37 45.5						-.2	
13	ASD	IPG	07 37 40.4	6.7	.2	1.30	46	208	.1	
		ES	07 37 46.9	5.5	.2	1.20			.2	
13	ASC	EPG	07 37 41.1				51	190	.1	
		ES	07 37 47.5						-.4	
13	ASB	EP	07 43 35.6							
13	ASD	EPG	07 43 36.3	3.6	.2					
		ES	07 43 42.1	3.6	.2					
13	ASB	EP	07 48 16.3							
13	ASD	IP	07 48 16.9	2.4	.2					
13	ASB	IP	07 55 41.6							
		IS	07 55 47.5							
13	ASD	IP	07 55 42.3	3.2	.2					
		IS	07 55 48.3	4.6	.2					
13	7 58	54.38	51.05 N 179.03 E	DEPTH = 27.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	IP	07 59 2.0				38	204	-.1	
13	ASD	IP D	07 59 2.6	42.8	.2	1.94	42	211	-.2	
13	ASC	IPGC	07 59 3.2				46	191	-.1	
		IS	07 59 9.6						-.3	
13	ANA	EP	07 59 6.4				69	158	-.2	

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....2.....										
13	8	2	33.03	51.04 N	179.16 E	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
13	ASB	IP	08 02 40.2				36	190	-.2	
		ES	08 02 45.2						-.6	
13	ASD	IPG	08 02 41.0	12.9	.2	1.31	39	199	.2	
		IS	08 02 46.7	14.7	.2	1.37			.2	
13	ASC	IPG	08 02 41.7				47	180	-.2	
		IS	08 02 48.3						-.0	
.....										
13	8	7	11.79	51.08 N	179.10 E	DEPTH = 32.0 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
13	ASB	EPG	08 07 19.2				33	198	-.2	
		ES	08 07 24.9						-.1	
13	ASD	IPG	08 07 19.9	6.7	.2	.94	37	207	.0	
		ES	08 07 25.5	8.0	.2	1.02			-.3	
13	ASC	EP	08 07 20.5				43	185	-.1	
.....										
13	ASB	EPG	08 09 22.7							
		ES	08 09 27.7							
13	ASD	IPG	08 09 23.0	5.5	.2					
		ES	08 09 28.8	5.5	.2					
.....										
13	8	13	3.54	51.04 N	179.19 E	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
13	ASB	EPG	08 13 10.7				36	186	-.3	
		ES	08 13 16.4						.0	
13	ASD	IPGC	08 13 11.5	10.1	.2	1.21	39	195	.1	
		ES	08 13 17.0	17.8	.2	1.45			-.1	
13	ASC	IPG	08 13 12.4				48	177	-.1	
		IS	08 13 18.7						-.3	
.....										
13	ASB	EP	08 27 7.2							
		ES	08 27 12.9							
13	ASD	IPGD	08 27 7.7	2.4	.2					
		ES	08 27 13.4	3.1	.2					
13	ASD	IPD	11 10 8.1	4.3	.2					
		ES	11 10 24.1	3.6	.2					
13	ASB	EP	11 10 9.2							
		ES	11 10 25.7							
13	ACK	EP	12 14 6.0							
		E(S)	12 14 13.6							
13	ASB	EPN	12 14 39.8	2.9	.2					
		EPG	12 14 42.9							
		ES	12 15 23.0	15.4	.2					
13	ASD	EPN	12 14 40.3	2.5	.2					
		EPG	12 14 43.8	6.7	.2					
13	ASC	EPN	12 14 41.3							
		EPG	12 14 45.3							
		ES	12 15 25.0							
13	ASD	IPGC	13 44 14.6	10.4	.2					
		ES	13 44 26.3	6.7	.2					
13	ASB	EP	13 44 14.6							
13	ASB	EP	13 49 7.3							
		E(S)	13 49 45.3							
13	ASC	EP	13 49 8.2							
		E(S)	13 49 47.8							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	ASD	IP D	13 49 8.8	8.0	.2					
		IS	13 49 47.8	11.9	.3					
13	ASD	EP	15 48 45.0	2.4	.2					
		ES	15 49 3.3	4.9	.2					
13	ASB	EP	15 48 45.8							
		ES	15 49 5.1							
13	ASB	EPG	19 07 50.3							
		E(S)	19 07 57.3							
13	ASD	EPG	19 07 51.3	2.9	.2					
		ES	19 07 58.3							
13	ASD	EPG	19 14 58.5	6.0	.2					
		ES	19 15 11.3	9.5	.2					
13	ASB	EPG	19 14 59.8							
		ES	19 15 12.3							
14	ASD	IPGC	00 20 30.8	21.1	.2					
		ES	00 20 37.8							
14	ASB	IP	00 20 31.5	14.5	.2					
		ES	00 20 39.8	17.4	.2					
14	ADK	EP	05 03 57.4							
		E(S)	05 04 11.3							
14	ASD	EP	05 04 4.0	8.3	.3					
		ES	05 04 25.7	37.4	.3					
14	ASB	EP	05 04 5.1	10.8	.2					
		IS	05 04 27.4	15.4	.2					
14	ASC	EP	05 04 6.5							
		ES	05 04 27.9							
14	ANA	EP	05 04 8.1							
14	ANA	EP	05 06 55.5							
14	ASC	EP	05 06 57.7							
		E(S)	05 07 36.7							
14	ASB	EP	05 06 58.0	3.8	.2					
		ES	05 07 37.4	11.7	.2					
14	ASD	EP	05 06 58.2	10.9	.2					
		ES	05 07 38.2							
14	ADK	EP	05 25 43.7							
		E(S)	05 26 3.1							
14	ASD	EP	05 26 22.7	5.7	.2					
		ES	05 27 10.7	5.5	.2					
14	ASB	EP	05 26 24.2							
		ES	05 27 11.7							

.....V.....

14	5 30 4.57	51.39 N 179.70 W	DEPTH = 193.1 KM	FREE DEPTH SOLUTION		
DELAROF ISLANDS, ALEUTIAN ISLANDS						
14	ASD	EP	05 30 31.4	19.5	.2	67 88 -4.6
		ES	05 30 51.0	19.5	.2	-7.9
14	ASB	IP	05 30 31.7			73 87 -4.7
		IS	05 30 51.5			-8.0
14	ASC	IP	05 30 32.0			80 95 -4.7

.....V.....

.....1.....

14	10 7 46.15	51.58 N 178.62 E	DEPTH = 97.2 KM	FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS						
14	ANA	EPG	10 07 59.6			6 207 -1.8
		IS	10 08 9.7			-2.8
14	ASC	EPG	10 08 .9			40 290 -1.7
14	ASB	EPG	10 08 1.4	3.6	.2	50 300 -1.9
14	ASD	IPG	10 08 1.6			55 295 -2.0
		IS	10 08 12.9			-3.5

.....V.....

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	ADK	EP	22 45 13.2							
		E(S)	22 45 38.5							
.....										
15	10 39 30.30	53.25 N 166.78 W DEPTH = 38.0 KM MB = 4.3				TELESEISMIC SOLUTION				
FOX ISLANDS, ALEUTIAN ISLANDS										
15	ADK	EP	10 41 .8				682	73		
		E(S)	10 42 31.6							
15	ASD	EP	10 41 36.4	11.3	.3		969	72		
15	ASB	EP	10 41 37.6	25.2	.3		976	72		
.....										
15	12 56 5.50	53.22 N 166.83 W DEPTH = 60.0 KM MB = 4.1				TELESEISMIC SOLUTION				
FOX ISLANDS, ALEUTIAN ISLANDS										
15	ADK	EP	12 57 36.7				678	73		
		E(S)	12 59 3.9							
15	ASD	EP	12 58 9.9	10.8	.3		968	72		
15	ASB	EP	12 58 10.7	8.7	.2		972	72		
.....										
15	ASD	IPGC	13 37 18.8	7.1	.2					
		IS	13 37 25.6	7.6	.2					
15	ASB	IPGC	13 37 19.1	8.7	.2					
		ES	13 37 25.8	7.0	.2					
.....										
15	15 57 19.03	51.58 N 179.90 W DEPTH = 46.9 KM				FREE DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
15	ASD	IPGD	15 57 30.5	45.1	.2	2.46	58	67	-0.4	
		IS	15 57 39.0	28.0	.2	2.26			-0.6	
15	ASB	IPG	15 57 31.3	24.0	.2	2.37	64	67	-0.5	
15	ASC	EPG	15 57 31.6				67	78	-0.5	
15	ANA	EPG	15 57 35.7				100	93	-0.9	
		ES	15 57 47.8						-1.7	
.....										
15	16 52 42.90	11.51 N 86.73 W DEPTH = 70.0 KM MB = 5.1				TELESEISMIC SOLUTION				
COAST OF NICARAGUA										
15	ADK	EP	17 04 53.7				9002	83		
.....										
15	ASB	IPG	20 53 50.2	11.9	.2					
		IS	20 54 8.2	44.5	.2					
15	ASD	IPG	20 53 50.3	26.9	.2					
		IS	20 54 8.2	51.9	.2					
16	ASD	EPG	01 29 3.6	18.8	.2					
		ES	01 29 21.1							
16	ASB	IPG	01 29 4.6	33.3	.2					
		ES	01 29 22.6	52.9	.2					
16	ASC	EPG	01 29 6.6							
		ES	01 29 24.8							
.....										
16	8 5 39.60	60.31 N 152.72 W DEPTH = 91.0 KM MB = 5.6				TELESEISMIC SOLUTION				
SOUTHERN ALASKA										
16	ADK	IP	08 09 17.4				1744	48		
		ES	08 10 8.1							
16	ASD	EPN	08 09 43.1	14.6	.2		1994	49		
		EPG	08 09 44.4							
		ES	08 10 49.1							
16	ASB	EPN	08 09 44.1				2000	49		

JAN 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.	.	EPG	08 09 45.3	.	.	.	.	.	.	.
.	.	ES	08 10 50.1	.	.	.	.	.	.	.
. 16	ASC	EPN	08 09 44.8	.	.	.	1997	50	.	.
.	.	IPG	08 09 46.1	.	.	.	.	.	.	.
.	.	IS	08 10 51.3	.	.	.	.	.	.	.
. 16	ANA	EPN	08 09 47.1	.	.	.	2012	50	.	.
.	.	IPG	08 09 48.1	.	.	.	.	.	.	.
.	.	ES	08 10 51.6	.	.	.	.	.	.	.
.....										
. 16	12 51 33.90	51.36 N 175.70 W DEPTH = 54.0 KM MB = 4.0						TELESEISMIC SOLUTION		
.	.	ANDREANOF ISLANDS, ALEUTIAN IS.								
. 16	ADK	IP D	12 51 49.5	.	.	.	84	133	-.2	.
.	.	ES	12 52 2.0	.	.	.	.	.	.7	.
. 16	ASD	IP	12 52 20.9	30.1	.2	.	344	88	-6.9	.
. 16	ASB	IP	12 52 21.9	29.7	.2	.	351	88	-6.9	.
. 16	ASC	IP	12 52 22.9	.	.	.	357	90	-6.8	.
. 16	ANA	EP	12 52 27.6	.	.	.	392	92	-7.4	.
.....										
. 16	14 22 16.31	51.35 N 178.50 E DEPTH = 44.3 KM						FREE DEPTH SOLUTION		
.	.	RAT ISLANDS, ALEUTIAN ISLANDS								
. 16	ANA	IPG	14 22 25.0	.	.	.	33	199	-.3	.
.	.	ES	14 22 31.3	.	.	.	.	.	-.5	.
. 16	ASC	IP	14 22 26.6	.	.	.	47	255	-.2	.
. 16	ASB	IP C	14 22 27.0	.	.	.	52	269	-.3	.
. 16	ASD	IP D	14 22 27.7	186.5	.2	3.11	59	267	-.4	.
.....										
17	ASD	EP	12 37 55.6	5.0	.2	.	.	.	.	.
.	.	ES	12 38 1.6	12.5	.2	.	.	.	.	.
17	ASB	EP	12 37 55.6	8.9	.2	.	.	.	.	.
.	.	E(S)	12 38 2.6	17.7	.2	.	.	.	.	.
17	ANA	EP	12 39 17.9	.	.	.	.	.	.	.
.	.	ES	12 39 34.3	.	.	.	.	.	.	.
17	ASB	EP	12 39 24.6	14.8	.2	.	.	.	.	.
.	.	ES	12 39 47.6	23.7	.2	.	.	.	.	.
17	ASD	EP	12 39 25.2	15.0	.2	.	.	.	.	.
.	.	ES	12 39 48.1	24.9	.2	.	.	.	.	.
.....										
. 17	20 11 19.60	53.30 N 173.65 W DEPTH = 231.0 KM MB = 3.7						TELESEISMIC SOLUTION		
.	.	ANDREANOF ISLANDS, ALEUTIAN IS.								
. 17	ADK	IP	20 12 4.2	.	.	.	254	50	.	.
.	.	ES	20 20 36.6	.	.	.	.	.	.	.
. 17	ASD	IP D	20 12 30.6	60.2	.2	.	524	63	.	.
.	.	IS	20 13 25.2	32.5	.3	.	.	.	.	.
. 17	ASB	IP	20 12 31.6	75.5	.2	.	530	63	.	.
.	.	ES	20 13 25.0	22.6	.3	.	.	.	.	.
. 17	ASC	EP	20 12 32.6	.	.	.	531	65	.	.
.	.	ES	20 13 26.4	.	.	.	.	.	.	.
. 17	ANA	EP	20 12 36.3	.	.	.	555	67	.	.
.....										
17	ASB	EP	20 52 14.3	9.1	.2	.	.	.	.	.
.	.	ES	20 52 24.1	19.3	.2	.	.	.	.	.
17	ASD	EP	20 52 15.1	7.3	.2	.	.	.	.	.
.	.	ES	20 52 24.1	12.0	.2	.	.	.	.	.
17	ANA	IP	20 52 17.1	.	.	.	.	.	.	.

JAN 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	142	37.10	50.85 N 178.29 E	DEPTH = 64.0 KM	MB = 4.1					TELESEISMIC SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
18	ANA	IP	01 42 52.7				90	197	-1.8	
		ES	01 43 9.0						1.8	
18	ASB	EP	01 42 53.0	239.6	.3		88	230	-1.2	
		ES	01 43 10.5	276.4	.3				3.8	
18	ASC	IP	01 42 53.2				91	222	-1.5	
		ES	01 43 10.0						2.6	
18	ASD	IPG	01 42 53.7	117.9	.2		94	232	-1.3	
		ES	01 43 12.0						3.9	
18	ADK	EP	01 43 28.0				375	254	-7.8	
		ES	01 44 11.4						-7.1	
18	15 24	33.80	50.80 N 178.69 W	DEPTH = 33.0 KM	MB = 3.9					TELESEISMIC SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
18	ASD	IP	15 24 56.5	54.6	.3	3.93	152	114	-1.9	
		ES	15 25 15.3	54.6	.3	3.93			-1.1	
18	ASB	IP	15 24 57.3	66.4	.3	4.07	157	112	-1.9	
		ES	15 25 16.0	55.3	.3	3.99			-1.8	
18	ASC	EP	15 24 58.5				168	115	-2.3	
		ES	15 25 18.8						-1.6	
18	ADK	EP	15 25 1.6				190	231	-2.5	
		ES	15 25 20.8						-5.3	
18	ANA	EP	15 25 4.5				207	115	-2.2	
18	ASD	IP	20 54 45.0	8.4	.2					
		ES	20 54 56.1	10.8	.2					
18	ASB	IP	20 54 45.3	4.5	.2					
		ES	20 54 56.8	7.4	.2					
18	ASC	EP	20 54 47.9							
18	22 0	43.77	51.67 N 178.64 E	DEPTH = 91.7 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
18	ANA	IPG	22 00 56.7				5	344	-1.5	
		IS	22 01 5.9						-2.8	
18	ASC	IPG	22 00 58.2				43	303	-1.4	
18	ASB	IPG	22 00 58.6	26.8	.2		55	309	-1.9	
		IS	22 01 9.8	26.8	.2				-2.9	
18	ASD	IPG	22 00 58.8	30.1	.2		59	304	-2.0	
		IS	22 01 10.0	42.1	.2				-3.3	
19	ASD	IPG	01 29 39.0	7.4	.2					
		IS	01 29 46.9	14.8	.2					
19	ASB	IPG	01 29 39.5	10.4	.2					
		IS	01 29 47.2	17.9	.2					
19	ASD	IP	04 33 24.2	47.0	.2					
		ES	04 33 37.0	51.9	.2					
19	ASB	IP	04 33 25.2	56.6	.2					
		ES	04 33 38.0	65.5	.2					
19	ASC	EP	04 33 26.5							
19	ANA	EP	04 33 32.8							
19	ASD	IPG	04 34 50.2	8.7	.2					
		IS	04 34 54.0	17.4	.2					
19	ASB	IPG	04 34 51.3	7.4	.2					
		IS	04 34 55.8	17.9	.2					
19	ASC	EP	04 34 52.0							
		ES	04 34 57.8							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	ASD	IP D	09 21 55.0	6.2	.2					
		ES	09 22 10.5	8.7	.2					
19	ASB	EP	09 21 59.8	5.9	.2					
		ES	09 22 12.0	7.4	.2					
19	ASC	EP	09 21 57.2							
		ES	09 22 10.2							
19	ASD	EP	13 50 14.5	1.7	.2					
19	ASB	EP	13 50 14.5							
		ES	13 50 23.5							

20 0 38 24.10 53.77 N 163.63 W DEPTH = 33.0 KM MB = 5.1 TELESEISMIC SOLUTION
UNIMAK ISLAND REGION

20	ADK	EP	00 40 20.6				897	71		
20	ASD	EPG	00 40 55.2	12.0	.2		1185	70		
20	ASB	EPG	00 40 55.3	29.5	.2		1190	70		
20	ASC	EPG	00 40 56.0				1198	71		
		ES	00 41 4.9							

20	ASD	EPG	02 13 38.7	2.4	.2					
		ES	02 13 46.7	6.0	.2					
20	ASC	EPG	02 13 39.1							
		ES	02 13 47.1							

20 6 32 44.60 53.47 N 163.84 W DEPTH = 56.0 KM MB = 4.1 TELESEISMIC SOLUTION
UNIMAK ISLAND REGION

20	ASD	EP D	06 35 14.1	11.5	.2		1166	72		NOT LOCAL
20	ASB	EP	06 35 14.8	23.6	.4		1173	72		NOT LOCAL
20	ASC	EP	06 35 15.5				1175	72		
		ES	06 35 44.8							

20	ASD	EPG	06 41 15.7	2.4	.2					
		ES	06 41 42.0	5.5	.3					
20	ASB	EPG	06 41 16.5	4.4	.2					
		ES	06 41 42.0	7.5	.3					
20	ASC	EPG	06 41 17.0							
		ES	06 41 42.8							

20 7 19 51.20 25.80 S 177.35 W DEPTH = 80.0 KM MB = 6.5 TELESEISMIC SOLUTION
SOUTH OF FIJI IS

20	ASD	EP	07 31 35.4	75.5	.3		8550	177		
		E	07 31 47.0				8545	177		
20	ASB	EP	07 31 35.9	65.8	.3		8545	177		
		E	07 31 48.0				8540	177		
20	ASC	EP	07 31 36.3				8540	177		
		E	07 31 46.5							
20	ANA	EP	07 31 36.5				8581	176		
20	ACK	IP D	07 31 37.7				8601	181		
		ES	07 41 23.4							

20	ADK	EP	07 53 43.3							
		ES	07 53 56.0							
20	ASD	EP	07 53 56.5	1.7	.2					
		ES	07 54 14.5	9.8	.2					
20	ASB	EP	07 53 57.5	3.0	.2					
		ES	07 54 19.5	11.9	.2					
20	ASC	EP	07 53 57.7							
		E(S)	07 54 18.7							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	8 27	46.00	11.48 N	86.35 W	DEPTH =	46.0 KM	MB = 5.4			TELESEISMIC SOLUTION
			COAST OF NICARAGUA							
20	ADK	EP	08 40	1.7			9030	83		
20	8 37	37.60	25.96 S	177.39 W	DEPTH =	100.0 KM	MB = 5.1			TELESEISMIC SOLUTION
			SOUTH OF FIJI IS							
20	ASB	EP	08 49	20.3			8567	177		NOT LOCAL
20	ASD	EP C	08 49	20.7			8568	177		NOT LOCAL
20	ASC	IP C	08 49	21.4			8578	177		
20	ADK	EP	08 49	22.8			8619	181		
20	ASD	EPG	10 02	52.8	1.3	.2				
		ES	10 03	3.5						
20	ASC	EPG	10 02	53.0						
20	ANA	EP	10 02	54.5						
20	ADK	EP	10 25	51.2						
		IS	10 26	0.0						
20	12 53	16.40	53.56 N	163.94 W	DEPTH =	66.0 KM	MB = 3.7			TELESEISMIC SOLUTION
			UNIMAK ISLAND REGION							
20	ASD	EP	12 55	45.4	1.7	.2	1160	71		
20	ASB	EP	12 55	46.0	5.1	.2	1167	71		
		E	12 55	52.7	7.3	.4				
20	ASD	EPG	13 23	28.0	4.9	.2				
		ES	13 23	41.6	3.5	.2				
20	ASB	EPG	13 23	28.7	6.1	.2				
		ES	13 23	42.3	1.8	.2				
20	ASC	EP	13 23	29.0						
20	ASB	EPN	13 52	4.7	3.0	.4				S MAY BE L
		EPG	13 52	9.2	26.0	.4				
		ES	13 52	34.3						
20	ASC	EPN	13 52	4.9						
		EPG	13 52	10.5						
		ES	13 52	33.5						
20	ANA	EP	13 52	5.0						
20	ASD	EPN	13 52	5.5	7.4	.4				S MAY BE L
		EPG	13 52	10.9	38.6	.4				
		ES	13 52	35.5						
20	15 12	51.00	5.42 S	154.32 E	DEPTH =	196.0 KM	MB = 5.4			TELESEISMIC SOLUTION
			SOLOMON ISLANDS							
20	ADK	EP	15 22	54.6			6922	213		
20	17 7	31.20	26.03 S	177.23 W	DEPTH =	105.0 KM	MB = 5.4			TELESEISMIC SOLUTION
			SOUTH OF FIJI IS							
20	ASB	EP	17 19	12.5			8575	177		NOT LOCAL
		I	17 19	16.8						
20	ASD	EP	17 19	13.0	1.3	.2	8576	177		NOT LOCAL
		I	17 19	17.0						
20	ADK	EP	17 19	16.0			8626	181		

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	ANA	EPN	17 38 35.1							POOR START
		EPG	17 38 37.3							
20	ASB	EPN	17 38 36.3	4.5	.3					
		EPG	17 38 37.8	75.1	.4					
		ES	17 38 56.5	37.5	.4					
20	ASD	EPN	17 38 36.5	6.3	.3					
		EPG	17 38 38.0	81.3	.4					
		ES	17 38 56.5	86.8	.4					
20	ASC	EPN	17 38 36.5							
		EPG	17 38 38.7							
		ES	17 38 57.2							
20	ADK	EP	17 38 58.2							
		E	17 42 9.3							
		ES	17 43 47.0							
20	ASD	EP	18 18 48.8	2.9	.2					
20	ASB	EP	18 18 49.3	14.2	.2					
20	ASD	EP	19 14 6.5	3.6	.2					
		ES	19 14 18.0	11.6	.2					
20	ASB	EP	19 14 7.3	3.6	.2					
		ES	19 14 18.5	7.9	.2					
20	ASC	EP	19 14 7.8							
		E(S)	19 14 19.1							
20	ASD	EPG	21 25 16.8	1.7	.2					
		ES	21 25 18.3	2.9	.2					
20	ASB	EPG	21 25 18.0	1.8	.2					
		ES	21 25 20.0	1.8	.2					
20	ASB	IPG	23 02 25.7	.6	.2					
		IS	23 02 32.7	7.6	.2					
20	ASD	EPG	23 02 26.1	.6	.2					
		ES	23 02 32.7	1.3	.2					

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 21 0 45 24.60 53.83 N 163.70 W DEPTH = 33.0 KM MB = 3.9 TELESEISMIC SOLUTION
 UNIMAK ISLAND REGION

21 ASD EP 00 47 54.4 2.0 .2 1179 70
 21 ASB EPN 00 47 54.8 3.0 .2 1186 70
 EPG 00 47 55.4 15.9 .3
 21 ASC EP 00 47 56.1 1188 70
 I 00 48 11.5

21 ASD EP 00 50 4.1 2.0 .2
 21 ASB EPG 00 50 4.5 3.0 .2
 ES 00 50 16.8

21 ASD EP 01 23 48.9 5.5 .3
 21 ASB EPG 01 23 49.4 7.3 .3
 E(S) 01 23 56.2 6.8 .3

21 ASB IPG 01 36 32.2 3.0 .2
 IS 01 36 37.8 3.9 .2
 21 ASD IPG 01 36 32.7 2.4 .2
 IS 01 36 38.7 4.6 .2

21 ADK EP 01 57 11.6

.....
 21 3 57 48.82 51.20 N 178.77 E DEPTH = 37.5 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

21 ASB IPGC 03 57 57.4 38 242 -.1 WHITEOUT
 21 ASC IPGC 03 57 57.7 40 223 -.1
 ES 03 58 4.0 -.3
 21 ASD IPG 03 57 58.1 11.5 .2 1.46 44 244 -.2 WHITEOUT

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 21	ANA	I(P)	03 57 58.6				48	171	-.2	
.....V.....										
. 21	5	4	1.50	51.20 N	178.87 E	DEPTH = 27.4 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
. 21	ASB	IP	05 04 8.4				32	236	-.1	
. 21	ASC	IPG	05 04 9.0				35	215	.0	
		IS	05 04 14.1						-.3	
. 21	ASD	IPG	05 04 9.1	30.2	.2	1.64	38	240	-.3	
. 21	ANA	EPG	05 04 10.7				50	163	-.2	
.....										
21	ASB	IP	06 12 55.0							
		IS	06 13 13.6							
21	ASC	IP C	06 12 55.5							
		ES	06 13 13.4							
21	ASD	IP D	06 12 55.8	15.7	.2					
		IS	06 13 13.4	9.1	.2					
21	ASB	IPG	07 45 53.9	2.3	.2					
		IS	07 46 .4	9.1	.2					
21	ASD	IPG	07 45 54.4	4.2	.2					
		IS	07 46 1.4	10.4	.2					
21	ADK	EP	08 14 57.4							
		ES	08 15 29.8							
21	ASD	IP	08 15 24.4							WHITEOUT
21	ASB	IP	08 15 25.0							WHITEOUT
21	ASC	IPG	08 15 25.2							
		I	08 15 26.4							
21	ASB	IPG	08 24 17.9	1.8	.2					
		ES	08 24 24.4	2.3	.2					
21	ASD	IPG	08 24 18.6	2.7	.2					
		IS	08 24 25.1	3.8	.2					
21	ASD	EP	08 56 33.4	.6	.2					
		ES	08 56 42.9	1.5	.2					
21	ASB	IP	08 56 33.4	3.0	.2					
		E(S)	08 56 42.8	1.7	.2					
21	ASD	EP	10 59 6.2	3.1	.2					
		ES	10 59 14.2	3.2	.4					
21	ASB	IP	10 59 6.6	19.8	.4					
		ES	10 59 13.4	7.6	.4					
.....										
. 21	11 39	6.82	50.76 N	178.02 E	DEPTH = 25.0 KM					FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 21	ANA	IPG	11 39 24.4				108	205	-.1	
		IS	11 39 37.7						.4	
. 21	ASB	IPGC	11 39 24.9				109	232	.1	
		ES	11 39 38.4						.5	
. 21	ASC	IPGC	11 39 25.2				112	226	-.0	
		IS	11 39 38.6						-.0	
. 21	ASD	IPG	11 39 25.6	18.9	.2	3.20	115	234	-.1	
		ES	11 39 38.4	36.4	.2	3.49			-1.1	
.....V.....										
21	ASD	IPGC	12 30 39.1	35.1	.2					
		ES	12 30 49.9							
21	ASB	IPGC	12 30 39.7	44.0	.2					
		ES	12 30 49.9	44.0	.2					
21	ASC	IPGC	12 30 41.2							
		ES	12 30 50.7							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	ASD	IPG	13 06 18.2	2.0	.2					
		I	13 06 19.5	4.3	.2					
21	ASC	EPG	13 06 18.4							
		I	13 06 19.4							
21	ASC	EP	14 57 2.6							
		ES	14 57 18.4							
21	ASD	IP	14 57 3.1	10.6	.2					
		ES	14 57 18.8	2.8	.2					
21	ASD	EP	15 22 2.9	1.8	.2					
		ES	15 22 22.9	5.6	.2					
21	ASB	EP	15 22 2.9	3.0	.2					
		ES	15 22 24.6	4.6	.2					
21	ASD	EP	17 25 3.7	1.7	.2					
		ES	17 25 20.1	1.8	.2					
21	ASB	EP	17 25 4.4	.9	.2					
		ES	17 25 21.7	1.7	.2					
21	ADK	EP	17 50 51.9							
		ES	17 51 20.2							
21	ASD	EP	17 52 24.4	1.5	.2					
		E(S)	17 52 46.8	3.5	.2					
21	ASB	EP	17 52 24.4	.8	.2					
		ES	17 52 47.4	5.5	.2					

.....
 . 21 17 51 38.50 7.02 N 104.30 W DEPTH = 33.0 KM MB = 6.2 MS = 6.6 TELESEISMIC SOLUTION
 . OFF COAST OF MEXICO
 .

.....
 . 21 ADK EP 18 03 9.8 8183 100
 . ES 18 12 45.0
 .

.....
 . 21 18 13 .73 51.19 N 179.17 W DEPTH = 75.0 KM FIXED DEPTH SOLUTION
 . DELAROF ISLANDS, ALEUTIAN ISLANDS
 .

21	ASD	IP D	18 13 18.9			106	101	-2.2	WHITEOUT
21	ASB	IP D	18 13 19.8			112	99	-2.1	WHITEOUT
21	ASC	IP	18 13 20.6			120	104	-2.3	WHITEOUT
21	ANA	IP	18 13 24.8			159	107	-3.3	WHITEOUT
		E(S)	18 13 41.8					-6.3	
21	ADK	IP C	18 13 29.0			195	248	-4.3	
		IS	18 13 49.4					-7.5	

21	ASD	IP	18 28 32.2	1.8	.2				
		IS	18 28 48.4	3.1	.2				
21	ASB	EP	18 28 32.2	.8	.2				
		ES	18 28 48.4	1.5	.2				
21	ASD	EP	19 07 11.9	.8	.2				
		ES	19 07 25.4	2.1	.2				
21	ASB	EP	19 07 12.7	1.5	.2				
		ES	19 07 26.4	2.6	.2				
21	ASD	EP	22 15 7.8	7.1	.2				
		E(S)	22 15 27.7						
21	ASB	EP	22 15 8.2	1.9	.1				
21	ASB	EP	22 20 58.6						
21	ASD	EP	22 20 58.8	.6	.2				
		E(S)	22 21 54.9	5.5	.4				
		ILG	22 21 56.7	17.2	.4				
21	ASC	EP	22 20 58.9						

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	ASD	EP	23 20 55.7	2.0	.1					
		I(S)	23 21 9.9							
21	ASB	EP	23 20 56.4							
		I(S)	23 21 11.4							
.....										
21	23 44	9.80	26.23 S	177.11 W	DEPTH =	95.0 KM	MB = 5.0	TELESEISMIC SOLUTION		
			SOUTH OF FIJI IS							
21	ASB	EP	23 55 54.2				8597	177		
21	ASD	IP D	23 55 54.3				8599	177		TELESEISM
21	ASC	EP	23 55 54.9				8609	177		
21	ADK	EP	23 55 56.4				8648	180		
.....										
22	ADK	EP	00 08 52.0							
		IS	00 09 .2							
22	ASD	EPN	00 09 16.3	1.7	.1					
		IPG	00 09 20.0	2.1	.1					
		I(S)	00 09 45.1							
22	ASB	EPN	00 09 17.1							
		IPG	00 09 19.4	7.4	.2					
22	ASC	EPN	00 09 18.3							
		IPG	00 09 20.7							
22	ANA	EPN	00 09 23.0							
22	ASD	IPGC	02 21 32.6							CLIPPED
		IS	02 21 39.7							
22	ASB	IPG	02 21 33.0							CLIPPED
		IS	02 21 40.6							
22	ASC	IPG	02 21 34.6							
		IS	02 21 43.5							
22	ASD	IP	03 05 30.0	1.1	.2					
		IS	03 05 46.6							
22	ASB	IP	03 05 30.8	1.5	.2					
		IS	03 05 48.9							
22	ASD	IP C	03 07 9.8							CLIPPED
22	ASB	IP	03 07 10.4							CLIPPED
22	ASC	IP	03 07 12.2							
22	ADK	EP	03 07 26.1							
		ES	03 07 43.3							
22	ASD	IP	03 21 2.8	8.5	.2					
		IS	03 21 20.0							
22	ASB	IP	03 21 3.5							
.....										
22	3 55 32.20		51.25 N	177.23 E	DEPTH =	31.0 KM	MB = 5.3	MS = 5.8	TELESEISMIC SOLUTION	
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	ANA	I	03 55 51.0				107	248	.9	
22	ASB	IP	03 55 53.8				141	266	-1.3	
22	ASC	IP	03 55 53.8				136	261	-.6	
22	ASD	IP C	03 55 54.7				148	266	-1.4	
22	ADK	EP	03 56 30.8				434	263	-8.6	
		ES	03 57 20.2						-8.0	
.....										
22	ANA	IP	04 06 49.8							
		IS	04 07 5.2							
22	ASC	I	04 06 52.7							
		I(S)	04 07 7.1							
22	ASB	IP D	04 06 53.0							
22	ASD	IP	04 06 53.7	14.6	.2					
22	ADK	EP	04 07 48.4							
22	ANA	I(P)	04 31 22.6							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	ASB	I(S)	04 31 36.4							
22	ASB	IP	04 31 24.3							
22	ASD	IPN	04 31 25.1							
		IPG	04 31 26.3	7.0	.2					
		I(S)	04 31 40.4							
22	ASB	IP	04 36 42.0	4.6	.2					
		IS	04 36 59.1							
22	ASD	IP	04 36 43.4	3.2	.2					
		I(S)	04 36 59.6							
22	ASB	I(P)	04 44 16.4	1.3	.2					
		I(S)	04 44 37.4							
22	ASD	I(P)	04 44 18.3	.8	.2					
		I(S)	04 44 35.8							
22	ASB	IP	05 34 18.7							
		I(S)	05 34 35.9							
22	ASD	I(P)	05 34 20.4	7.3	.3					
		I(S)	05 34 33.9							
22	ADK	EP	05 57 12.8							
		ES	05 58 2.2							
22	ASD	IPN	05 58 7.0	4.2	.2					
		IPG	05 58 13.9	8.0	.3					
22	ASB	IPN	05 58 7.9							
22	ASB	IP	07 44 12.4							
		I(S)	07 44 29.5							
22	ASD	IP	07 44 13.5	1.8	.2					
		I(S)	07 44 28.6							
22	ASD	IPG	08 28 11.0	3.1	.2					
		IS	08 28 23.3							
22	ASB	IPG	08 28 11.5	3.0	.2					
		IS	08 28 24.8							
22	ASD	IPG	08 36 42.7	3.9	.2					
		IS	08 36 55.3							
22	ASB	IPG	08 36 43.4	5.1	.2					
		IS	08 36 56.8							
22	ASD	IPG	09 45 53.5	3.9	.2					
		ISG	09 46 8.1							
22	ASB	IPG	09 45 54.3	2.5	.2					
		ISG	09 46 9.4							
22	ASD	IPG	14 31 36.2	5.3	.2					
		IS	14 31 45.8							
22	ASB	IPG	14 31 36.9							
		IS	14 31 48.7							

.....
 22 15 14 28.80 14.34 N 92.41 W DEPTH = 58.0 KM MB = 5.5 TELESEISMIC SOLUTION
 COAST OF MEXICO

 22 ADK EP 15 26 7.3 8371 86

22 ASD IPG 15 49 40.8
 IS 15 49 49.1
 22 ASB IPG 15 49 41.3
 IS 15 49 50.0
 22 ASC IPG 15 49 41.7
 I(S) 15 49 51.5

CLIPPED

22 ASD IPG 15 52 24.3
 IS 15 52 32.1
 22 ASB IPG 15 52 25.0

CLIPPED

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	ASC	IS IPG I(S)	15 52 33.7 15 52 26.7 15 52 36.4							
22	ASD	EP E(S)	21 37 48.6 21 38 3.6	.4	.1					
22	ASB	IP E(S)	21 37 49.3 21 38 6.1	1.4	.1					
22	ADK	EP	22 50 49.2							
23	ACK	EP	02 15 37.4							
23	ASD	IPG IS	03 20 19.3 03 20 31.6	6.2	.2					
23	ASB	IPG I(S)	03 20 20.2 03 20 32.7							
23	ASC	I(P) I(S)	03 20 21.8 03 20 36.4							
.....										
23	3 31 29.30	53.68 N 163.68 W DEPTH = 40.0 KM MB = 5.1						TELESEISMIC SOLUTION		
		UNIMAK ISLAND REGION								
23	ADK	EP	03 33 25.4				892	72		
23	ASD	IP	03 33 58.3	17.6	.2		1178	71		REGIONAL
23	ASB	IP	03 33 58.6				1185	71		
23	ASC	IP	03 33 59.4				1187	71		
.....										
23	3 44 14.60	53.69 N 163.84 W DEPTH = 33.0 KM MB = 4.0						TELESEISMIC SOLUTION		
		UNIMAK ISLAND REGION								
23	ASD	IP	03 46 45.0	9.5	.2		1168	71		
23	ASB	IP	03 46 45.7				1175	71		
23	ASC	I(P)	03 46 46.9				1177	71		
.....										
23	ASD	IP	05 03 45.7	6.7	.2					REGIONAL
23	ASB	IP	05 03 46.1	16.3	.2					
.....										
23	5 6 45.05	50.96 N 178.53 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
23	ASB	IPGD	05 06 56.4				67	228	-.4	
23	ASC	IPGD I(S)	05 06 57.4 05 07 6.1				71	218	.0 -.3	
23	ASD	IPGC	05 06 57.7				73	231	-.0	CLIPPED
23	ANA	I(P)	05 06 57.8				75	187	-.2	
.....										
23	6 55 47.50	53.77 N 163.67 W DEPTH = 33.0 KM MB = 4.4						TELESEISMIC SOLUTION		
		UNIMAK ISLAND REGION								
23	ADK	EP	06 57 46.8				895	71		
23	ASD	IPN IPG	06 58 18.0 06 58 19.0	8.0	.2		1180	70		
23	ASB	IPN IPG	06 58 18.6 06 58 19.6	21.3	.2		1187	70		
23	ASC	I(P)	06 58 19.9				1189	71		
.....										
23	ANA	I(P)	07 56 31.8							
23	ASC	E(P) IL	07 56 37.8 07 57 4.6							
23	ASB	IPN	07 56 38.0							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	ASD	IPG	07 56 39.4	6.1	.2					
		EPN	07 56 38.6							REGIONAL
		IPG	07 56 39.2	7.6	.2					
23	10 51 32.67	51.21 N 179.39 E	DEPTH = 36.3 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASB	IPGD	10 51 39.2	32.2	.2	.61	20	149	-.3	
		I(S)	10 51 44.4						-.1	
23	ASD	IPGC	10 51 39.3	13.4	.1	.47	19	169	-.1	
23	ASC	IPG	10 51 40.7				33	150	.0	
		I(S)	10 51 46.1						-.4	
23	ASD	IP	11 31 36.3	2.7	.2					
		I(S)	11 31 51.7							
23	ASB	IP	11 31 36.4	3.2	.2					
		I(S)	11 31 51.7							
23	ASB	EP	12 24 19.1	1.8	.2					
23	ASD	E(P)	12 24 20.0	1.4	.2					REGIONAL
23	ASB	IP	12 51 19.4	3.2	.2					
23	ASD	IP	12 51 19.8	7.0	.2					
		I(S)	12 51 30.0							
23	ASB	EP	18 48 30.5	2.2	.2					
		I(S)	18 48 50.2							
23	ASD	EP	18 48 30.6	2.1	.2					
		I(S)	18 48 50.5							
23	ASD	EP	20 56 19.2	2.1	.2					
		ES	20 56 35.7							
23	ASB	EP	20 56 19.3							
23	ASD	IP D	22 26 12.7	14.0	.3					
23	ASB	IP	22 26 12.2							
23	ASD	EP	22 28 52.7	4.2	.4					
23	ASB	EP	22 28 52.7	6.2	.4					
23	ASB	EP	22 58 2.8	4.4	.2					
		ES	22 58 20.0	3.7	.2					
23	ASD	IP C	22 58 3.0	2.9	.2					
		ES	22 58 21.0	2.4	.2					
24	ASB	IP	00 53 52.4	8.8	.2					
24	ASD	IP C	00 53 52.5	16.1	.3					
24	ASD	IP	02 44 17.6	58.1	.2					
24	ASB	IP	02 44 18.6							
		ES	02 44 36.4							
24	ASC	IP	02 44 19.8							
		ES	02 44 37.4							
24	ADK	EP	02 44 23.0							
		E(S)	02 44 42.0							
24	ANA	EP	02 44 25.8							
24	ASD	EP	11 40 34.3	4.6	.2					
		ES	11 40 48.6	10.4	.3					
24	ASB	EP	11 40 35.0	8.8	.2					
		ES	11 40 50.0	17.6	.3					
24	ASC	EP	11 40 35.7							
		ES	11 40 50.8							
24	ADK	EP	16 22 38.1							
		E(S)	16 22 51.0							

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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24	ADK	EP	16 51 51.4							
		E(S)	16 52 4.1							
24	ANA	EP	19 13 30.5							
		ES	19 13 46.2							
24	ASC	EP	19 13 34.7							
		E(S)	19 13 53.7							
24	ASB	IP	19 13 35.4	18.0	.3					
		ES	19 13 54.7	18.0	.3					
24	ASD	EP	19 13 36.0	24.8	.3					
		ES	19 13 55.3	24.8	.3					

24	21 20 31.80	50.78 N 179.33 W	DEPTH = 33.0 KM	MB = 4.3	TELESEISMIC SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS					
24	ASD	EP	21 20 50.0	95.1 .2 3.89	115 125 -.9
		ES	21 21 5.8	107.0 .2 3.95	1.1
24	ASB	IP	21 20 50.3	66.4 .2 3.80	119 123 -1.2
		IS	21 21 5.8	90.6 .2 3.94	-1.1
24	ASC	EP	21 20 51.6		130 125 -1.6
		ES	21 21 5.8		-3.0
24	ANA	EP	21 20 57.6		170 123 -1.5
24	ADK	EP	21 21 4.6		227 238 -3.2
		E(S)	21 21 30.0		-4.0

24	22 22 53.58	51.11 N 179.20 E	DEPTH = 37.8 KM	FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS					
24	ASB	IPG	22 23 1.0	18.1 .2 .91	28 186 -.3
		IS	22 23 6.8	24.1 .2 1.03	-.1
24	ASD	IPG	22 23 1.6	16.7 .2 1.04	31 198 .0
		ES	22 23 7.0	21.4 .3 .98	-.4
24	ASC	IPG	22 23 2.3		39 175 -.2
		IS	22 23 8.7		-.2

25	0 47 15.60	51.24 N 178.69 E	DEPTH = 32.2 KM	FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS					
25	ASB	IPG	00 47 24.1		41 251 -.1
		IS	00 47 30.1		-.3
25	ASC	IPG	00 47 24.1		41 233 -.1
		IS	00 47 30.2		-.2
25	ANA	IPG	00 47 24.3		48 177 -.2
25	ASD	IPGC	00 47 24.8	28.7 .2 1.97	48 251 -.2
		IS	00 47 31.6		-.3

25	ASB	EP	01 39 9.2							
25	ASD	EP	01 39 9.4	2.4	.2					
		E(S)	01 39 28.7	11.5	.4					
25	ASB	EPG	03 11 .7							
		ES	03 11 14.2							
25	ASC	EPG	03 11 .7							
		ES	03 11 14.0							
25	ASD	IPGC	03 11 1.5	4.8	.2					
		ES	03 11 15.1	20.6	.2					
25	ADK	EP	11 19 34.2							
		E(S)	11 19 47.3							
25	ASD	IP	11 19 43.5	7.1	.2					
		ES	11 20 5.3	71.0	.3					
25	ASB	EP	11 19 44.5	15.6	.2					
		ES	11 20 8.0	116.8	.3					

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	ASC	IP	11 19 45.6							
25	ADK	EP	16 47 32.9							
		E(S)	16 47 42.0							
25	ASD	EP	16 47 51.3	7.1	.2					
		E(S)	16 48 16.8	14.4	.3					
25	ASB	EP	16 47 52.3	18.1	.3					
		E(S)	16 48 18.0	21.8	.3					
25	ASC	EP	16 47 52.8							
26	ANA	EP	04 06 40.4							
		ES	04 07 13.7							
26	ASC	EP	04 06 47.2							
		ES	04 07 21.2							
26	ASB	EP	04 06 48.9	6.1	.2					
		ES	04 07 22.4	22.1	.3					
26	ASD	EP	04 06 49.0	12.7	.3					
		E(S)	04 07 23.2	19.9	.3					
.....										
26	10	1 20.50	12.58 S 166.37 E	DEPTH = 50.0 KM	MB = 5.7	MS = 6.4	TELESEISMIC SOLUTION			
			SANTA CRUZ ISLANDS							
26	ADK	EP	10 12 5.0			7325	198			
		E(S)	10 21 25.0							
.....										
26	15 25	6.10	51.54 N 179.41 E	DEPTH = 68.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
26	ASD	IPG	15 25 16.4	22.5	.2	18	16		-0.9	
		ES	15 25 24.0	24.9	.2				-1.5	
26	ASC	IPG	15 25 16.5			20	65		-0.9	
		ES	15 25 24.0						-1.6	
26	ASB	EPG	15 25 16.6	18.7	.2	23	31		-0.9	
26	ANA	EPG	15 25 18.7			53	101		-1.1	
.....										
26	19 10	31.90	53.66 N 163.59 W	DEPTH = 33.0 KM	MB = 3.9		TELESEISMIC SOLUTION			
			UNIMAK ISLAND REGION							
.....										
26	23 51	42.40	53.76 N 165.50 W	DEPTH = 40.0 KM	MB = 4.7		TELESEISMIC SOLUTION			
			FOX ISLANDS, ALEUTIAN ISLANDS							
26	ADK	EP	23 53 27.1			775	70			
		E(S)	23 55 4.3							
26	ASD	IP	23 53 59.3	24.1	.2	1060	70			TELESEISM
26	ASB	IP	23 53 59.8	74.7	.4	1067	70			
26	ASC	IP	23 54 .8			1069	70			
.....										
27	ASB	IPG	11 44 5.6	57.5	.2					
27	ASC	IPG	11 44 6.3							
		I(S)	11 44 15.1							
27	ANA	IPG	11 44 6.5							
27	ASD	IPG	11 44 6.5	31.2	.2					
		IS	11 44 15.5							
27	ASB	IPGC	11 46 26.2							
27	ASC	IPGC	11 46 26.8							
27	ASD	IPGC	11 46 27.2							
27	ANA	IPGC	11 46 27.2							
		I(S)	11 46 36.9							
27	ACK	EP	11 47 14.2							

CLIPPED

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E(S)	11 47 51.0							
27	ASB	E(P)	14 03 16.5	13.1	.2					
		E(S)	14 03 28.8							
27	ASD	E(P)	14 03 18.0	8.1	.2					
27	ASC	IPG	14 41 59.6							
27	ASD	IPG	14 41 59.7	19.6	.2					
		I(S)	14 42 7.5							
27	ASB	IPG	14 41 59.7	20.8	.2					
		I(S)	14 42 7.0							
.....										
27	17 47 39.13	51.66 N 177.55 E	DEPTH = 50.0 KM							FIXED DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
27	ANA	I(P)	17 47 54.0				76	273	.3	
		IS	17 48 4.7						.4	
27	ASC	I(P)	17 47 57.8				113	282	-.9	
		I(S)	17 48 11.5						-1.5	
27	ASB	IP	17 47 58.5	8.0	.2	2.92	122	286	-1.5	
		I(S)	17 48 12.5						-2.6	
27	ASD	EP	17 47 58.8	7.3	.2	2.95	128	285	-2.0	
		I(S)	17 48 13.3						-3.3	
.....										
28	ADK	IP C	05 17 48.3							
28	ASD	IPN	05 18 7.2							REGIONAL
		IPG	05 18 8.4	25.1	.3					
28	ASB	IPN	05 18 8.5							
		IPG	05 18 9.9	24.7	.3					
28	ASC	IPG	05 18 11.1							
.....										
28	7 36 23.70	51.35 N 178.77 E	DEPTH = 34.6 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
28	ASC	IPG	07 36 31.2				30	245	-.0	
28	ANA	IPGD	07 36 31.3				32	166	-.1	
		I(S)	07 36 36.8						-.3	
28	ASB	IPGD	07 36 31.5	78.3	.2	1.83	33	268	-.1	
		IS	07 36 37.1						-.3	
28	ASD	IPGD	07 36 32.1	57.7	.2	1.99	40	266	-.3	
.....										
28	ASD	IPG	10 16 7.0	3.9	.2					
		I(S)	10 16 17.1							
28	ASB	IPG	10 16 7.9	8.1	.2					
		I(S)	10 16 18.9							
.....										
28	23 6 1.70	20.68 S 178.85 W	DEPTH = 608.0 KM MB = 5.6							TELESEISMIC SOLUTION
		FIJI ISLANDS REGION								
28	ASD	IP C	23 16 24.0	28.1	.3		7970	178		TELESEISM
28	ASB	IP C	23 16 24.1	21.2	.3		7977	178		
28	ASC	I(P)	23 16 25.7				7989	178		
28	ADK	IP C	23 16 27.0				8037	182		
.....										
29	7 2 57.50	49.80 N 78.21 E	DEPTH = 0.0 KM MB = 5.6							TELESEISMIC SOLUTION
		EASTERN KAZAKH SSR								
29	ADK	IP C	07 13 11.1				6728	314		
.....										
29	ASB	IPGC	09 13 25.4							
29	ASD	IPGD	09 13 25.8							CLIPPED

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	ASC	IPG	09 13 27.0							
		I(S)	09 13 30.4							
29	ANA	IPG	09 13 30.9							
29	ADK	IP D	11 13 15.5							
		ES	11 13 35.9							
29	ASD	I(P)	11 13 37.4	25.5	.2					
		EL	11 14 15.2							
29	ASB	E(P)	11 13 37.9	34.1	.3					
29	ANA	E(P)	12 57 59.2							
29	ASC	E(P)	12 58 3.1							
29	ASD	E(P)	12 58 4.7	21.8	.3					
		EL	12 58 43.3							
29	ASB	I(P)	12 58 5.2	21.0	.3					
		EL	12 58 40.2							
29	ADK	IP D	19 43 4.1							
		IS	19 43 10.8							

.....
 . 30 5 59 12.22 51.30 N 179.37 E DEPTH = 30.9 KM FREE DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

.....
 . 30 ASD IPGC 05 59 17.5 18.5 .1 9 167 -.1
 . IS 05 59 21.2 -.3
 . 30 ASB IPG 05 59 17.5 4.6 .1 -.91 11 128 -.2
 . I(S) 05 59 21.5 -.2
 . 30 ASC IPG 05 59 18.5 28 140 -.1
 .

.....
 . 30 8 28 22.70 14.59 S 167.33 E DEPTH = 172.0 KM MB = 5.7 TELESEISMIC SOLUTION
 . NEW HEBRIDES ISLANDS
 .

.....
 . 30 ADK EP 08 39 3.2 7528 197
 . E(S) 08 47 53.6
 .

.....
 . 30 ASB IPG 09 37 37.3 50.3 .2
 . I(S) 09 37 43.3
 . 30 ANA IPGD 09 37 37.4
 . IS 09 37 43.6
 . 30 ASD IPGC 09 37 38.2 151.6 .2
 .

.....
 . 30 12 35 27.00 51.09 N 179.02 E DEPTH = 29.6 KM FREE DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

.....
 . 30 ASB IPGC 12 35 34.4 30.4 .2 1.47 34 208 -.1
 . IS 12 35 39.8 -.3
 . 30 ASD IPGD 12 35 35.0 44.4 .2 1.85 39 215 -.2
 . IS 12 35 40.9 -.2
 . 30 ASC IPG 12 35 35.5 48 193 -.1
 . IS 12 35 41.6 -.3
 .

.....
 . 30 13 55 39.12 51.54 N 179.19 E DEPTH = 110.0 KM FREE DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

.....
 . 30 ASC IPG 13 55 54.3 9 16 -2.0
 . IS 13 56 5.5 -3.4
 . 30 ASD IPG 13 55 54.4 31.8 .2 20 330 -2.2
 . IS 13 56 5.9 -3.4
 . 30 ASB IPG 13 55 54.7 27.4 .2 20 349 -1.9
 . IS 13 56 5.6 -3.6
 .

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
30	14 36	27.87	51.62 N 179.10 E	DEPTH = 94.2 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ASC	IPGD	14 36 41.3				18	347	-1.6	
30	ASD	IPGC	14 36 41.7	286.2	.2		31	328	-1.7	
30	ASB	IPGD	14 36 41.7				30	340	-1.7	
30	ANA	IPGD	14 36 41.7				31	92	-1.7	
		IS	14 36 51.8						-2.9	
.....										
30	ASB	IPG	17 55 42.6	5.3	.2					
		I(S)	17 55 56.1							
30	ASD	IPG	17 55 42.8	7.4	.2					
		IS	17 55 56.8							
.....										
30	19 59	31.40	51.31 N 178.49 W	DEPTH = 44.0 KM		MB = 4.3				TELESEISMIC SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
30	ADK	IP C	19 59 53.0				147	245	-2.6	
		ES	20 00 9.8						-3.4	
30	ASD	IP C	19 59 53.7				151	92	-2.5	CLIPPED
30	ASB	IP D	19 59 54.6				158	91	-2.6	
30	ASC	IP	19 59 55.9				164	95	-2.3	
30	ANA	IP	20 00 2.3				201	99	-1.4	
.....										
30	ASD	IP	21 44 33.7	15.0	.2					
		IS	21 44 56.5							
30	ASB	IP	21 44 34.2	27.3	.2					
		IS	21 44 57.1							
30	ASD	IP	21 54 59.0	12.0	.3					
		IL	21 55 33.9							
30	ASB	IP	21 55 .1	15.9	.3					
		IL	21 55 35.1							
31	ASD	I(P)	04 40 25.6	4.3	.2					
31	ASB	I(P)	04 40 26.5	3.1	.2					
31	ASD	E(P)	06 53 12.8	8.0	.2					
31	ASB	E(F)	06 53 13.0	9.4	.2					
		I(S)	06 53 25.1							
31	ASD	I(P)	08 06 5.4	7.0	.2					
31	ASB	I(P)	08 06 5.8	3.1	.2					
		I(S)	08 06 16.2							
31	ADK	EP	14 50 5.5							
		E(S)	14 51 3.7							
31	ASD	IP	14 50 39.7	12.9	.3					REGIONAL
31	ASB	IP	14 50 40.1	22.4	.3					
31	ASC	IP	16 44 8.1							
31	ASB	IP C	16 44 8.3							
31	ASD	IP D	16 44 9.2	109.6	.2					
31	ANA	IPGD	16 44 13.8							
		I(S)	16 44 24.7							
31	ADK	EP	16 44 45.3							
		E(S)	16 45 29.7							
.....										
31	19 37	27.06	51.02 N 179.05 E	DEPTH = 10.0 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	ASB	IPGC	19 37 34.6	35.3	.2	1.79	41	200	-.1	
		IS	19 37 40.2						-.1	
31	ASD	IPGC	19 37 35.3	24.4	.2	1.80	45	207	-.1	

JAN 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.	.	IS	19 37 41.3	.	.	.	.	.	-0.2	.
. 31	ASC	IPG	19 37 36.1	.	.	.	50	189	-0.0	.
.	.	IS	19 37 42.6	.	.	.	.	.	-0.2	.
.....V.....										
.....										
. 31	19 38	8.96	51.05 N	179.16 E	DEPTH = 32.7 KM			FREE DEPTH SOLUTION		
.	.	.	RAT ISLANDS, ALEUTIAN ISLANDS							
.	.	.								
. 31	ASB	IPGC	19 38 16.7	48.7	.2	1.72	35	190	-0.2	.
.	.	IS	19 38 22.5	.	.	.	.	.	-0.2	.
. 31	ASD	IPGC	19 38 17.2	36.3	.2	1.74	39	199	-0.1	.
.	.	IS	19 38 23.1	.	.	.	.	.	-0.3	.
. 31	ASC	IPG	19 38 18.1	.	.	.	46	180	-0.1	.
.	.	IS	19 38 24.7	.	.	.	.	.	-0.3	.
.....										
. 31	ASB	IPG	19 40 19.1	3.5	.2	.	.	.	.	.
. 31	ASD	IPG	19 40 19.4	2.7	.2	.	.	.	.	.
.	.	IS	19 40 25.1	.	.	.	.	.	.	.

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	ADK	EP	02 29 58.5							
		E(S)	02 30 8.5							
01	ASD	EPN	02 30 15.3							
		IPG	02 30 17.1	59.9	.3					
		IS	02 30 41.3							
01	ASB	IPN	02 30 16.1							
		IPG	02 30 18.6	56.7	.3					
		IS	02 30 42.4							
01	ASC	EPN	02 30 18.4							
01	ASD	IPG	06 48 20.2	2.8	.1					
		IS	06 48 27.7							
01	ASB	IPG	06 48 20.2	1.9	.1					
		IS	06 48 27.4							
01	ASD	IPG	09 34 30.8	4.1	.1					
		IS	09 34 38.4							
01	ASB	IPG	09 34 31.1	2.3	.1					
		IS	09 34 39.7							
01	ASD	IP	10 40 26.4	11.3	.2					
01	ASB	IP	10 40 26.9	20.1	.2					
01	ASD	IP	11 24 16.5	3.4	.2					
01	ASB	IP	11 24 17.1	10.8	.2					
01	ASB	IPG	18 01 28.6	3.9	.2					
		IS	18 01 33.7							
01	ASD	IPG	18 01 29.4	4.3	.2					
		IS	18 01 35.1							

.....
 . 01 18 4 1.87 51.10 N 178.48 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

. 01	ANA	IPGD	18 04 12.7				61	192	.0
. 01		IS	18 04 17.0						-3.6
. 01	ASB	IPGC	18 04 13.0				61	242	.2
. 01	ASC	IPGD	18 04 13.0				63	230	.0
. 01	ASD	IPGC	18 04 13.7	155.5	.2	3.27	68	243	-.1

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01	ASD	IPGC	20 39 39.0	118.9	.2				
01	ASB	IPGC	20 39 40.0						
01	ASC	IPGD	20 39 41.3						
		I(S)	20 39 48.1						
01	ANA	IPG	20 39 47.2						
		I(S)	20 39 59.6						
01	ADK	EP	21 54 53.2						
		E(S)	21 55 16.9						
01	ASB	EP	21 55 24.4	24.3	.3				
		IL	21 56 10.0						
01	ASD	I(P)	21 55 24.7	17.2	.2				
		IL	21 56 10.0						
02	ASB	EP	02 54 42.6	1.7	.2				
		I(S)	02 54 54.3						
02	ASD	EP	02 54 43.7	2.4	.3				
		IL	02 54 54.7						
02	ASB	IPGD	02 59 2.7	36.3	.2				
		IS	02 59 6.2						
02	ASD	IPGD	02 59 3.1	18.9	.2				
02	ASB	IPG	03 34 6.4	9.9	.2				
		IS	03 34 9.7						
02	ASD	IPG	03 34 6.8	5.2	.2				

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	ASD	IPG	05 20 41.8	11.3	.2					
		I(S)	05 20 55.2							
02	ASB	IPG	05 20 42.7	5.8	.2					
		I(S)	05 21 .2							
02	ASD	IPG	06 20 51.1	3.8	.2					
02	ASB	IPG	06 20 51.3	3.1	.2					
		I(S)	06 21 6.0							

.....

02	14	4	43.58	51.70 N	179.86 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IPGC	14 04 52.7	89.2	.2	2.55	51	45	-.3	
		IS	14 04 59.6						-.2	
02	ASC	IPG	14 04 53.6				55	61	-.0	
02	ASB	IPG	14 04 54.0	32.8	.2	2.30	57	48	.2	

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02	ASB	EP	15 42 39.1							
02	ASD	IP	15 42 39.7							

TELESEISM

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02	17	49	51.90	43.48 N	147.42 E	DEPTH = 33.0 KM	MB = 5.5	TELESEISMIC SOLUTION		
KURIL ISLANDS										
02	ADK	EP	17 55 22.0				2828	265		
		E(S)	18 00 5.0							

.....

02	ASB	IP	21 35 27.6	16.2	.2					
		IS	21 35 44.7							
02	ASD	IP C	21 35 27.7	19.6	.2					
		IS	21 35 44.9							
02	ADK	EP	21 47 9.9							
		ES	21 47 17.4							
02	ADK	EP	23 01 58.0							
		ES	23 02 15.0							
02	ASD	I(P)	23 01 58.9	15.4	.3					
02	ASB	I(P)	23 01 59.9	13.9	.3					
		IL	23 02 19.4							
03	ADK	EP	02 02 37.7							
		ES	02 03 4.5							
03	ADK	EP	04 22 25.9							
		ES	04 22 53.7							
03	ADK	EP	06 56 20.9							
		ES	06 56 49.0							

.....

03	7	50	42.86	51.57 N	179.87 E	DEPTH = 92.3 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASD	IPGC	07 50 57.0	67.5	.2		42	60	-1.8	
		IS	07 51 7.3						-3.0	
03	ASB	IPG	07 50 57.5				49	62	-1.7	
03	ASC	IPG	07 50 57.7				50	77	-1.6	
		I	07 51 9.4							
03	ANA	IPG	07 51 .1				84	94	-2.3	
		IS	07 51 13.0						-3.6	

.....

FEB 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
04	5	8	48.00	15.53 N	99.48 W	DEPTH = 21.0 KM	MB = 6.0	MS = 6.5	TELESEISMIC SOLUTION	
COAST OF MEXICO										
04	ADK	EP	05 19 58.3				7782	90		
		ES	05 29 11.0							
		EL	05 37 23.0							
.....										
04	8	54	4.56	51.32 N	178.71 E	DEPTH = 27.6 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	ANA	IPG	08 54 11.8				34	173	-0.1	
		IS	08 54 16.8						-0.4	
04	ASC	IPG	08 54 12.0				35	244	.0	
04	ASB	IPG	08 54 12.2	41.5	.2	1.74	37	264	-0.1	
04	ASD	IPG	08 54 12.8	30.2	.2	1.87	44	263	-0.4	
		IS	08 54 19.3						-0.2	
.....										
04	ANA	I(P)	11 45 58.0							
04	ASD	IP	11 45 59.6	55.6	.2					
		IS	11 46 14.2							
04	ASC	IP	11 45 59.8							
04	ASB	IP D	11 46 0.0	116.7	.2					
		IS	11 46 14.8							
.....										
04	17	0	0.00	37.10 N	116.03 W	DEPTH = 0.0 KM	MB = 5.6	TELESEISMIC SOLUTION		
SOUTHERN NEVADA										
04	ADK	EP	17 08 12.0				4933	85		
.....										
05	12	46	38.20	47.02 N	154.19 E	DEPTH = 33.0 KM	MB = 5.5	MS = 5.5	TELESEISMIC SOLUTION	
KURIL ISLANDS										
05	ADK	EP	12 51 5.0				2173	267		
		ES	12 54 46.0							
.....										
05	ASD	IP	14 04 18.7	17.8	.2					
		IS	14 04 31.6							
05	ASB	EP	14 04 19.6	14.2	.2					
05	ASC	EP	14 04 21.2							
.....										
05	15	57	4.10	52.85 N	164.73 W	DEPTH = 33.0 KM	MB = 4.3	TELESEISMIC SOLUTION		
SOUTH OF ALASKA										
05	ADK	EP	15 58 48.6				814	78		
.....										
05	22	5	58.30	12.60 N	122.12 E	DEPTH = 11.0 KM	MB = 6.0	MS = 6.6	TELESEISMIC SOLUTION	
LUZON, PHILIPPINE IS										
05	ADK	EP	22 16 24.2				6958	255		
		ES	22 24 58.0							
		EL	22 31 58.0							
.....										

FEB 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	0 11	49.60	54.56 N 163.68 E	DEPTH = 44.0 KM		MB = 5.6	MS = 5.3	TELESEISMIC SOLUTION OFF EAST COAST OF KAMCHATKA		
.....										
06	ANA	I(P)	00 14 4.1				1054	294		
06	ASC	EP	00 14 9.1				1093	294		
06	ASB	EP	00 14 9.1				1103	295		
06	ASD	EP	00 14 10.0				1109	295		
06	ADK	EP	00 14 36.8				1348	291		
		EL	00 17 11.0							
.....										
.....										
06	3 53	4.24	51.41 N 179.33 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION DELAROF ISLANDS, ALEUTIAN ISLANDS			
.....										
06	ASD	IPG	03 53 19.8				93	87	-1.2	OVERLOAD
		IS	03 53 30.8						-2.4	
06	ASC	IPG	03 53 20.8				105	93	-1.9	
06	ASB	IPG	03 53 20.9				99	86	-1.0	OVERLOAD
		IS	03 53 32.8						-2.0	
06	ANA	IP	03 53 24.8				142	99	-3.2	
		I(S)	03 53 39.6						-5.6	
.....										
.....										
06	6 4	39.97	51.25 N 179.44 W	DEPTH = 61.8 KM		MB = 3.8	FREE DEPTH SOLUTION DELAROF ISLANDS, ALEUTIAN ISLANDS			
.....										
06	ASD	IP C	06 04 55.4				86	99	-1.3	WHITEOUT
06	ASB	IP D	06 04 56.3				92	97	-1.2	WHITEOUT
06	ASC	IP	06 04 56.9				101	103	-1.7	
06	ANA	IP	06 05 1.7				139	107	-2.1	
		I	06 05 16.3							
06	ADK	IP	06 05 10.2				210	252	-3.8	
		IS	06 05 32.4						-6.5	
.....										
06	ASD	EP	13 05 38.5	19.5	.3					
		I(S)	13 05 58.9							
06	ASB	EP	13 05 39.5	20.8	.3					
		I(S)	13 05 59.8							
06	ASC	IP C	13 05 40.8							
.....										
.....										
06	18 16	34.69	50.99 N 179.29 E	DEPTH = 24.8 KM			FREE DEPTH SOLUTION RAT ISLANDS, ALEUTIAN ISLANDS			
.....										
06	ASB	IPGD	18 16 42.7	33.9	.2	1.83	42	176	-.1	
		IS	18 16 48.5						-.3	
06	ASD	IPG	18 16 43.0	31.9	.2	1.88	44	185	-.1	
		I(S)	18 16 48.9						-.3	
06	ASC	IPG	18 16 44.3				54	170	-.2	
		IS	18 16 51.5						-.2	
.....										
.....										
06	23 45	5.47	51.41 N 178.35 E	DEPTH = 49.0 KM			FREE DEPTH SOLUTION RAT ISLANDS, ALEUTIAN ISLANDS			
.....										
06	ANA	IPG	23 45 14.6				32	220	-.3	
		I(S)	23 45 21.1						-.7	
06	ASC	IPG	23 45 16.9				56	264	-.5	
		I(S)	23 45 25.3						-.8	
06	ASB	IPG	23 45 17.6	31.6	.2	2.44	62	275	-.6	
06	ASD	IPG	23 45 18.3	23.7	.2	2.47	69	273	-.7	
.....										

FEE	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
07	0 23 37.76		51.96 N 178.31 E	DEPTH = 147.3 KM MB = 4.5			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ANA	IP	00 23 58.3				44	327	-3.3	
07	ASC	IP C	00 24 .3				81	314	-3.4	
07	ASB	IP	00 24 1.0	420.9	.2		93	316	-3.7	
07	ASD	IP C	00 24 1.2	419.3	.2		96	313	-3.8	
		IS	00 24 18.4						-6.4	
07	ADK	EP	00 24 27.5				351	273	-8.7	
		E	00 25 5.8							
07	9 49 13.91		52.01 N 178.02 E	DEPTH = 175.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ANA	IP	09 49 38.7				60	314	-3.8	
		IS	09 49 56.7						-6.6	
07	ASC	IP	09 49 40.2				99	308	-4.7	
07	ASB	IP	09 49 41.3	61.3	.2		111	311	-4.5	
07	ASD	IP	09 49 41.4	60.2	.2		115	308	-4.8	
07	ADK	IP	12 16 53.9							
		IS	12 17 1.9							
07	14 12 51.12		51.45 N 177.64 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ANA	IPGD	14 13 4.5				73	255	-.7	
07	ASC	IPG	14 13 8.5				109	270	-1.1	
07	ASB	IPGD	14 13 9.2	294.2	.2	4.35	112	276	-1.3	
07	ASD	IPGD	14 13 10.0	298.9	.2	4.44	118	275	-1.4	
		IS	14 13 23.8						-2.4	
07	14 30 45.27		51.32 N 179.43 W	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
07	ASD	IPGD	14 31 1.4	167.7	.2		85	94	-1.7	
		I(S)	14 31 13.0						-3.2	
07	ASB	IPG	14 31 2.2	236.0	.2		92	92	-1.7	
		IS	14 31 14.4						-3.1	
07	ASC	IPG	14 31 3.0				99	99	-1.8	
		IS	14 31 16.0						-3.0	
07	ANA	IPG	14 31 7.0				137	104	-2.7	
7	17 45 16.80		54.33 N 165.45 E	DEPTH = 33.0 KM MB = 4.3			TELESEISMIC SOLUTION			
KOPANDORSKY ISLANDS REGION										
8	3 29 13.10		54.65 N 163.56 E	DEPTH = 33.0 KM MB = 4.5			TELESEISMIC SOLUTION			
OFF EAST COAST OF KAMCHATKA										
08	ADK	IP	03 32 15.6							
		IS	03 32 31.8							
08	ASD	IP D	03 32 16.1	722.5	.3					
		IS	03 32 33.2							
08	ASB	IP C	03 32 17.0	800.0	.3					
		IS	03 32 34.9							
08	ASC	IP D	03 32 18.1							
08	ANA	IP	03 32 23.7							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
.....											
08	7 23 25.06	51.18 N 178.67 E DEPTH = 15.9 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
08	ASB	IPG	07 23 33.1	20.8	.2	1.73	45	243	-.2		
08	ASC	IPG	07 23 33.5				46	227	.0		
08	ANA	IPG	07 23 33.9				50	179	-.1		
		I(S)	07 23 40.3						-.3		
08	ASD	IPG	07 23 34.0	14.6	.2	1.80	52	245	-.3		
		I(S)	07 23 40.7						-.3		
.....											
.....											
08	7 30 15.79	52.21 N 179.42 W DEPTH = 50.0 KM					FIXED DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
08	ASD	IPG	07 30 33.9	29.3	.2	3.54	126	42	-3.3		
		IS	07 30 47.1						-5.7		
08	ASB	I(P)	07 30 34.6	9.8	.2	3.13	132	44	-3.4		
08	ASC	IP	07 30 36.2				128	49	-1.4		
		I(S)	07 30 51.4						-2.0		
08	ANA	I(P)	07 30 42.9				147	63	2.6		
08	ADK	EP	07 30 42.9				197	282	-4.8		
		ES	07 31 5.1						-5.8		
.....											
.....											
08	8 14 40.38	51.25 N 177.30 E DEPTH = 25.0 KM					FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
08	ANA	IP	08 14 58.4				103	246	.9		
		IS	08 15 11.9						1.9		
08	ASC	IP	08 15 1.6				131	260	-.1		
		I(S)	08 15 16.9						-.4		
08	ASB	IP	08 15 2.3	64.4	.2	4.00	136	265	-.2		
08	ASD	IP	08 15 2.6	88.2	.2	4.22	143	265	-.9		
		IS	08 15 19.2						-1.1		
.....											
.....											
08	12 9 17.33	51.06 N 179.01 W DEPTH = 50.0 KM					FIXED DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
08	ASD	IPG	12 09 36.3	35.6	.2	3.54	120	106	-1.6		
		IS	12 09 50.1						-2.8		
08	ASB	IPG	12 09 37.0	29.2	.2	3.53	126	105	-1.7		
		IS	12 09 51.2						-3.1		
08	ASC	IPG	12 09 37.7				135	109	-2.3		
08	ANA	I(P)	12 09 41.8				174	110	-3.9		
.....											
.....											
08	17 38 22.40	50.46 N 179.28 E DEPTH = 25.0 KM					FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
08	ASB	IPGC	17 38 39.2	178.2	.2	3.96	101	179	.0		
		I(S)	17 38 51.7						.3		
08	ASD	IPGC	17 38 39.6	89.0	.2	3.69	103	182	.1		
		IS	17 38 51.5						-.4		
08	ASC	IP	17 38 40.7				112	176	-.2		
		I(S)	17 38 54.3						-.1		
08	ANA	IP	17 38 43.6				138	161	-1.1		
.....											

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	19 17	13.80	50.74 N 172.35 W	DEPTH =		33.0 KM	MB = 5.0	TELESEISMIC SOLUTION		
ANDREANOF ISLANDS, ALEUTIAN IS.										
08	ADK	EP	19 17 58.1				322	112		
		ES	19 18 30.0							
08	ASD	EP	19 18 29.3	17.6	.2		587	94		
		EL	19 19 26.2							
08	ASB	E(P)	19 18 31.0	9.8	.2		594	93		
		EL	19 19 27.9							
.....V.....										
08	ADK	IP	20 43 38.7							
		IS	20 43 54.4							
08	ASD	E(P)	20 44 18.5	7.6	.2					
		EL	20 45 6.8							
08	ASB	E(P)	20 44 19.2	7.7	.2					
		EL	20 45 8.2							
.....V.....										
09	0 8	37.97	51.10 N 179.13 E	DEPTH =		24.7 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ASB	IPG	00 08 44.5	78.5	.2	1.68	30	195	-.1	
		IS	00 08 49.1						-.3	
09	ASD	IPG	00 08 44.9	24.8	.2	1.38	34	205	-.2	
		IS	00 08 50.1						-.2	
09	ASC	IPG	00 08 45.8				41	182	-.1	
.....V.....										
10	ASD	IPG	00 32 40.1	32.3	.2					
		IS	00 32 52.2							
10	ASB	IPG	00 32 41.0	55.4	.2					
		IS	00 32 54.7							
10	ASC	I(P)	00 32 42.1							
10	ANA	IP	00 32 47.7							
10	ASD	EP	07 09 12.2	4.3	.2					
		EL	07 09 32.4							
10	ASB	E(P)	07 09 13.1	1.5	.2					
		E	00 00 0.0							
10	ASB	IP	09 13 58.8	37.7	.2					
10	ANA	IP	09 13 59.3							
10	ASD	IP D	09 13 59.5	84.3	.2					
		IS	09 14 18.5							
.....										
10	13 46	33.85	51.45 N 179.78 E	DEPTH =		56.5 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
10	ASD	IPG	13 46 43.5	41.0	.2		31	74	-.7	
		IS	13 46 50.6						-1.1	
10	ASB	IPG	13 46 44.1	26.6	.2		38	74	-.6	
		IS	13 46 51.6						-1.1	
10	ASC	IPG	13 46 44.6				43	91	-.6	
10	ANA	IPG	13 46 48.3				80	104	-1.1	
		IS	13 46 58.9						-1.8	
.....										
10	ASD	E(P)	14 52 25.2	2.4	.3					
		EL	14 53 34.4							
10	ANA	IPG	14 55 9.9							
		IS	14 55 19.5							
10	ASC	I(P)	14 55 14.1							
10	ASB	EPG	14 55 14.6	4.6	.2					
10	ASD	IPG	14 55 15.6	12.5	.2					
		I(S)	14 55 29.1							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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10	17 45	29.20	17.26 S 178.55 W	DEPTH = 553.0 KM MB = 4.8			TELESEISMIC SOLUTION			
FIJI ISLANDS REGION										

10	ADK	EP	17 55 38.8				7657	182		
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10	ADK	EP	18 45 22.1							
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11	ADK	EP	01 52 23.3							
		ES	01 53 37.2							

11	ADK	EP	04 31 48.6							
		ES	04 31 59.7							

11	6 23	29.02	50.03 N 179.40 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

11	ASB	IPG	06 23 51.4	41.6	.2	3.96	149	176	-2.4			
		I(S)	06 24 7.8									
11	ASD	IPG	06 23 51.8	37.2	.2	3.93	151	178	-2.2			
11	ASC	IPG	06 23 52.9							161	174	-2.6

11	ANA	IPG	06 58 53.8							
		IS	06 59 2.6							

11	ASC	IPG	06 58 57.7							
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11	ASB	IPG	06 58 58.3							
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11	ASD	IPGC	06 58 58.9	142.7	.2					
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11	11 35	34.90	51.11 N 179.56 W	DEPTH = 27.5 KM			FREE DEPTH SOLUTION			
DELCARF ISLANDS, ALEUTIAN ISLANDS										

11	ASD	IPGD	11 35 48.8	49.7	.2	3.07	82	111	-1				
11	ASB	IPG	11 35 49.5							88	108	-3	
		I(S)	11 36 .5										-1
11	ASC	IPG	11 35 51.2							97	113	-0	
		I(S)	11 36 2.7										-4

11	13 24	43.47	51.09 N 179.11 E	DEPTH = 31.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

11	ASB	IPG	13 24 50.7							31	197	-2	
		IS	13 24 56.0										-2
11	ASD	IPG	13 24 51.2	23.2	.2	1.39	35	207	-1				
		IS	13 24 56.8									-3	
11	ASC	I(P)	13 24 51.9							41	184	-1	

12	1 11	22.93	51.93 N 178.69 E	DEPTH = 119.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

12	ANA	I(P)	01 11 39.8							34	3	-2.4	
12	ASC	IPG	01 11 41.2							62	328	-2.6	
		IS	01 11 54.7										-4.3
12	ASB	IPG	01 11 42.1	167.1	.2		74	329	-2.7				
12	ASD	IPG	01 11 42.2	150.2	.2		77	324	-2.8				
		IS	01 11 56.1										-4.9

12	ASD	IP	15 03 12.6	20.0	.2					
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		IL	15 03 32.0							
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12	ASC	IP	15 03 12.9							
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FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	ASB	IP	15 03 13.2	21.6	.2					
13	3 12	52.40	24.48 N 141.07 E	DEPTH = 187.0 KM MB = 5.6				TELESEISMIC SOLUTION		
			VOLCANO ISLANDS REGI							
13	ASB	EP	03 20 8.8				4408	242		
13	ASD	IP	03 20 9.0	47.6	.4		4416	242		TELESEISM
13	ASC	IP	03 20 9.0				4408	242		
13	ACK	EP	03 20 28.4				4693	246		
13	ASD	IP	11 52 49.3	17.8	.2					
		I(S)	11 53 9.5							
13	ASC	IP	11 52 49.5							
13	ASB	IP	11 52 49.7	18.4	.2					
13	ASD	IPGD	12 10 4.4							
		IS	12 10 11.0							
13	ASB	IPG	12 10 4.4	351.8	.2					
		IS	12 10 11.3							
13	ASC	IPG	12 10 6.2							
13	ANA	IPG	12 10 11.3							
13	15 43	28.70	5.95 S 113.03 E	DEPTH = 636.0 KM MB = 5.8				TELESEISMIC SOLUTION		
			JAVA SEA							
13	ASD	IP D	15 54 35.6	54.0	.2		8917	248		TELESEISM
		I	15 55 16.0							
13	ASC	I(P)	15 54 36.0				8909	247		
13	ASB	IP	15 54 36.8				8911	248		
13	ADK	EP	15 54 48.0				9208	251		
		E	15 57 2.3							
13	ASD	IPG	18 24 21.3	20.3	.2					
		IS	18 24 27.9							
13	ASB	IPG	18 24 21.5	84.5	.2					P SPIKE
		IS	18 24 28.2							
13	ASC	IPG	18 24 23.2							
13	ASC	E(P)	21 38 48.6							
13	ASD	IP	21 38 49.4	8.7	.2					
		IL	21 39 6.0							
14	0 28	57.41	51.48 N 177.76 E	DEPTH = 59.2 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
14	ANA	IPG	00 29 10.3				64	255	-1.0	
14	ASC	IPG	00 29 14.0				97	272	-1.3	
		IS	00 29 26.0						-2.4	
14	ASB	IPG	00 29 14.8	30.7	.2		104	278	-1.5	
14	ASD	IPG	00 29 15.5	27.0	.2		110	276	-1.6	
		IS	00 29 28.8						-2.7	
14	9 39	48.70	51.06 N 177.33 E	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
14	ANA	EPG	09 40 7.2				112	236	.0	
14	ASC	EPG	09 40 10.6				135	251	-.1	
		ES	09 40 26.0						-.7	
14	ASD	EPG	09 40 11.3	7.0	.2	3.14	145	257	-.8	
		ES	09 40 28.3						-.9	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	ASD	EPG	17 21 47.5	4.3	.2					
		ES	17 21 53.0							
14	ASC	EPG	17 21 50.3							
14	ASD	EPG	17 21 54.2	10.2	.2					
		ES	17 22 .2							
14	ASC	EPG	17 21 55.2							
.....										
14	18 13 54.07	51.08 N 179.62 W	DEPTH = 50.0 KM							FIXED DEPTH SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
14	ASD	EPG	18 14 7.7	15.1	.2	2.52	80	114	-1.4	
		ES	18 14 18.0						-2.0	
14	ASB	EPG	18 14 8.4	11.5	.2	2.50	85	111	-1.4	
		ES	18 14 16.7						-4.5	
14	ASC	EPG	18 14 10.0				95	116	-1.2	
		ES	18 14 18.6						-5.0	
.....										
14	18 46 15.71	51.40 N 178.16 E	DEPTH = 65.0 KM MB = 4.2							TELESEISMIC SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
14	ANA	EP	18 46 26.8				43	234	-1.3	
		IS	18 46 33.6						-3.4	
14	ASC	EP	18 46 29.7				70	265	-1.1	
14	ASB	EP	18 46 30.2				78	274	-1.3	CLIPPED
14	ASD	EP	18 46 31.1				82	272	-1.2	CLIPPED
14	ADK	EP	18 47 5.7				367	264	-7.6	
		E	18 47 42.6							
.....										
15	ASB	EP	00 55 50.7	.5	.2					
15	ASC	EP	00 55 50.8							
15	ASD	EP	00 55 51.0	.3	.2					
		ES	00 56 2.5							
.....										
15	1 0 37.55	51.32 N 179.17 E	DEPTH = 47.2 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
15	ASD	EPG	01 00 45.1	7.6	.2	-.67	13	243	-.4	
		ES	01 00 50.9						-.4	
15	ASB	EPG	01 00 45.1	4.2	.2		7	232	-.2	
		ES	01 00 50.3						-.6	
15	ASC	EPG	01 00 45.3				15	177	-.3	
.....										
15	ADK	EP	02 53 33.8							
		ES	02 53 58.7							
15	ADK	EP	03 20 6.7							
		ES	03 20 33.4							
15	ASD	P	03 20 31.7	82.3	.2					DEEP
		L	03 21 16.0							
15	ASB	P	03 20 32.5	75.4	.2					
		L	03 21 18.0							
15	ASC	P	03 20 32.7							
		L	03 21 18.0							
15	ANA	P	03 20 35.4							
15	ASD	EP	04 26 56.0	91.8	.2					
		ES	04 27 15.0							
15	ASB	EP	04 26 57.2	138.3	.2					
		ES	04 27 18.5							
15	ADK	EP	04 26 58.2							
		ES	04 27 12.7							
15	ASC	EP	04 26 59.0							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
15	ANA	ES	04 27 19.3							
		EP	04 27 5.3							
		ES	04 27 25.2							
15	ASD	EP	06 37 3.0	8.7	.2					
		ES	06 37 14.3							
15	ASB	EP	06 37 3.0	12.6	.2					
		ES	06 37 15.0							
.....										
15	8 55	9.00	48.29 N 146.49 E	DEPTH = 444.0 KM MB = 4.8			TELESEISMIC SOLUTION			
SEA OF OKHOTSK										
15	ASB	EP	08 59 23.8				2364	275		
15	ASC	EP	08 59 23.8				2357	274		
15	ASD	EP	08 59 24.6				2370	275		TELESEISM
15	ADK	E	08 59 44.0				2646	276		
.....										
15	12 36	36.70	.01 S 122.94 E	DEPTH = 154.0 KM MB = 5.7			TELESEISMIC SOLUTION			
NORTHERN CELEBES										
15	ASD	P	12 47 32.0				7752	243		TELESEISM
15	ADK	EP	12 47 46.3				8031	246		
.....										
15	13 51	1.79	50.82 N 179.82 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
15	ASB	EP	13 51 13.6				72	146	-.7	
		ES	13 51 23.4						.1	
15	ASD	EP	13 51 14.1	5.5	.2	1.86	70	151	.1	
		ES	13 51 23.1						.2	
15	ASC	EP	13 51 16.8				85	147	.6	
		ES	13 51 23.0						-3.6	
.....										
15	ASD	FN	16 44 38.6							
		FG	16 44 39.4	21.6	.2					
		S	16 44 52.0							
15	ASB	PN	16 44 39.7							
		PG	16 44 40.2	36.9	.2					
		S	16 44 52.9							
15	ASC	FN	16 44 40.8							
		PG	16 44 56.1							
15	ANA	PG	16 44 46.6							
		S	16 45 3.4							
15	ASD	EP	21 19 38.2	14.6	.2					
15	ASB	EP	21 19 39.2	15.4	.2					
15	ASC	EP	21 19 39.2							
15	ANA	EP	21 19 41.7							
.....										
15	22 16	13.79	51.30 N 179.77 E	DEPTH = 50.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
15	ASD	IPGC	22 16 22.7	78.8	.2	1.71	31	106	-.6	
		ES	22 16 29.4						-.7	
15	ASB	IPGD	22 16 23.4	36.6	.2	1.66	37	101	-.4	
15	ASC	EP	22 16 24.4				46	113	-.3	
15	ANA	EP	22 16 28.6				85	115	-.9	
		EL	22 16 40.2							
.....										

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FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	1	6	26.75	51.52 N	179.82 E	DEPTH = 75.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ASD	IP D	01 06 38.4	91.8	.2		37	64	-1.5	
16	ASB	IP D	01 06 39.2	110.9	.2		48	66	-1.2	
		ES	01 06 48.3						-2.1	
16	ASC	IP C	01 06 39.8				46	82	-0.8	
16	ANA	IP C	01 06 42.4				81	98	-1.7	
		ES	01 06 53.9						-2.9	
16	2	48	6.23	51.26 N	179.34 E	DEPTH = 32.5 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ASD	EP	02 48 11.8	14.0	.2	-0.43	13	180	-0.3	
		ES	02 48 16.2						-0.1	
16	ASB	EP	02 48 11.8	6.1	.2	-0.80	18	149	-0.3	
		ES	02 48 16.2						-0.1	
16	ASC	EP	02 48 13.2				26	150	.1	
		ES	02 48 17.6						-0.5	
16	ASD	IP D	02 55 45.3	135.1	.2					
		ES	02 55 54.7							
16	ASB	IP D	02 55 45.8	97.0	.2					
		ES	02 55 53.3							
16	ASC	IP C	02 55 47.5							
		ES	02 55 58.2							
16	ANA	IP C	02 55 57.6							
		E	02 56 2.2							
16	ANA	EPG	03 43 29.6							
		ES	03 43 43.1							
16	ASC	EPG	03 43 33.2							
16	ASB	EPG	03 43 34.9	1.7	.2					
16	ASD	EPG	03 43 35.2	2.1	.2					
16	ASD	EPN	03 47 57.9	6.3	.2					
		ES	03 48 12.2							
16	ASB	EP	03 47 58.8	2.6	.2					
		ES	03 48 12.3							
16	ASC	EP	03 48 .9							
		ES	03 48 15.1							
16	ANA	EP	03 48 5.3							
		ES	03 48 25.2							
16	ASD	EP	09 56 34.3	7.1	.2					
		ES	09 56 54.5							
16	ASB	EP	09 56 34.6	5.9	.2					
		ES	09 56 55.2							
16	ASC	EP	09 56 36.2							
		ES	09 56 57.2							
16	15	52	53.31	51.59 N	179.67 E	DEPTH = 72.4 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ASD	IPGC	15 53 4.7	145.9	.2		33	43	-1.2	
		ES	15 53 13.1						-2.0	
16	ASB	IPGD	15 53 5.2	217.1	.2		39	48	-1.1	
		ES	15 53 13.9						-1.9	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	17	2	.72 51.17 N 178.38 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ANA	EP	17 02 10.8				55	200	.1	
		ES	17 02 18.3						.3	
16	ASB	EP	17 02 11.8				64	251	-.2	
		ES	17 02 20.4						.1	
16	ASD	EP	17 02 12.8	3.6	.2	1.70	71	251	-.2	
		ES	17 02 21.6						-.4	
16	ASC	EP	17 02 12.8				63	239	.9	
		ES	17 02 20.6						.5	
16	19	18	37.08 50.91 N 179.67 E	DEPTH = 29.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ASD	IPGD	19 18 47.3	6.4	.2	1.61	57	156	-.3	
		ES	19 18 55.2						-.1	
16	ASB	EP	19 18 47.7	10.8	.2	1.87	58	150	-.1	
		ES	19 18 55.3						-.3	
16	ASC	EP	19 18 49.6				71	150	-.0	
		ES	19 18 58.4						-.4	
16	ADK	EP	20 07 59.5							
		ES	20 08 40.3							
16	21	36	22.50 25.15 S 178.29 E	DEPTH = 582.0 KM MB = 5.3			TELESEISMIC SOLUTION			
SOUTH OF FIJI IS										
16	ASD	EP	21 47 12.6				8473	181		TELESEISM
16	ASB	EP	21 47 12.6				8471	181		
16	ASC	EP	21 47 13.3				8482	181		
16	ADK	EP	21 47 15.8				8544	185		
16	23	59	21.94 51.30 N 179.24 E	DEPTH = 45.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
16	ASB	IPGC	23 59 28.9	27.7	.2		7	183	-.5	
		ES	23 59 34.8						-.1	
16	ASD	IPGC	23 59 29.3	35.7	.2	-.30	11	219	-.2	
		ES	23 59 34.7						-.4	
16	ASC	IPGD	23 59 30.0				19	162	.1	
		ES	23 59 35.0						-.8	
17	ASD	EP	00 28 4.3	7.8	.2					
		ES	00 28 13.0							
17	ASB	EP	00 28 4.6	4.9	.2					
		ES	00 28 16.2							
17	ASD	EPG	03 08 25.2	7.8	.2					
		ES	03 08 31.4							
17	ASB	EPG	03 08 25.6	10.0	.2					
		ES	03 08 31.3							
17	5	46	2.40 9.85 N 125.97 E	DEPTH = 72.0 KM MB = 5.9			TELESEISMIC SOLUTION			
MINDANAO, PHILIPPINE										
17	ADK	IP	05 56 19.5				6948	249		
17	ASB	EP	07 00 27.5	3.7	.4					REGIONAL

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	ASD	EP	11 26 43.2	3.1	.4					REGIONAL
17	13	9	54.84	51.35 N	179.06 E	DEPTH = 44.4 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
17	ASB	EPG	13 10 2.3	13.9	.2	-.47	13	267	-.0	
		ES	13 10 7.3						-.5	
17	ASC	EPG	13 10 2.3				14	208	-.1	
17	ASD	EPG	13 10 2.4	16.2	.2	.27	19	263	-.3	
17	ANA	EPG	13 10 4.3				42	137	-.4	
		ES	13 10 11.5						-.3	
17	16	1	31.16	51.96 N	178.60 E	DEPTH = 96.3 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
17	ANA	EP	16 01 45.5				37	354	-1.8	
17	ASC	IPG	16 01 47.5				67	325	-2.0	
17	ASB	EP	16 01 48.5	4.9	.2		80	326	-2.2	
		ES	16 02 1.2						-3.8	
17	ASD	EP	16 01 48.7	8.8	.2		82	322	-2.3	
		ES	16 02 1.5						-3.9	
17	16	38	4.08	51.19 N	179.83 E	DEPTH = 84.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
17	ASD	EP	16 38 17.1	7.3	.2		40	121	-1.6	
		ES	16 38 27.0						-2.3	
17	ASB	EP	16 38 17.7	12.0	.2		45	114	-1.3	
		ES	16 38 27.2						-2.7	
17	ASC	EP	16 38 18.3				55	122	-1.6	
		ES	16 38 28.7						-2.7	
18	2	53	46.35	51.55 N	177.28 E	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
18	ANA	EP	02 54 3.6				95	265	1.3	
		ES	02 54 16.0						2.1	
18	ASB	E(P)	02 54 8.0	4.8	.2	2.89	138	279	-.7	
		ES	02 54 24.0						-.9	
18	ASD	EP	02 54 9.1	5.2	.3	2.82	144	278	-.5	
		ES	02 54 25.8						-.7	
18	ASD	EP	06 46 58.6	3.1	.4					
		E(S)	06 47 8.3							
18	ASB	E(P)	06 47 .9	4.0	.4					
		E(S)	06 47 10.3							
18	ADK	EP	07 04 49.1							
		ES	07 05 11.8							
18	9	23	2.30	52.37 N	131.50 W	DEPTH = 4.0 KM	MB = 4.8			TELESEISMIC SOLUTION
				QUEEN CHARLOTTE IS						
18	ADK	E(P)	09 28 51.0				3041	71		
18	ASD	EP	09 54 46.6	6.2	.3					
		ES	09 54 54.5							
18	ASB	IP C	09 54 46.6	10.0	.2					

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	ASD	EP	10 01 2.6	4.9	.3					
		E(S)	10 01 19.0							
18	ASB	EP	10 01 3.7	3.7	.2					
		E(S)	10 01 20.0							
18	ASB	EP	11 30 9.0	3.1	.2					
		ES	11 30 15.0							
18	ASD	IP C	11 30 9.8	3.2	.2					
		ES	11 30 15.5							
18	ASD	EP	11 36 .3	2.1	.2					
		ES	11 36 17.2							
18	ASB	EP	11 36 2.3	2.3	.2					
		IS	11 36 20.6							
.....										
18	12 55 58.40	52.14 N 175.41 E	DEPTH = 39.0 KM MB = 4.9						TELESEISMIC SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
18	ANA	EP	12 56 33.7				230	286	-1.1	
18	ASC	EP	12 56 37.7				269	288	-3.0	
18	ASB	EP	12 56 38.1				278	290	-4.0	
		E(S)	12 57 12.4						-1.5	
18	ASD	EP	12 56 38.9	732.9	.4		284	289	-4.0	
		ES	12 57 11.8						-3.6	
18	ADK	IP	12 57 12.2				549	276	-10.8	
		ES	12 58 13.0						-71.6	
.....										
18	ADK	EP	14 51 44.8							
18	ASB	E(P)	14 52 25.9							
.....										
18	15 23 33.70	20.76 S 176.89 W	DEPTH = 259.0 KM MB = 5.8						TELESEISMIC SOLUTION	
		FIJI ISLANDS REGION								
18	ASD	EP	15 34 29.3				7994	176		
18	ASB	EP	15 34 29.3	6.9	.3		7993	176		
18	ASC	EP	15 34 30.0				8005	176		
18	ANA	EP	15 34 31.0				8026	176		
18	ADK	IP D	15 34 31.1				8043	180		
		ES	15 43 30.0							
.....										
18	ASD	EP	16 10 41.0	4.5	.2					
		ES	16 10 54.6							
18	ASB	EP	16 10 41.3	9.5	.2					
		ES	16 10 55.0							
18	ASC	EP	16 10 41.5							
		E(S)	16 10 54.0							
18	ANA	EP	16 10 41.9							
		ES	16 10 56.7							
.....										
18	16 23 36.20	22.94 S 176.21 W	DEPTH = 100.0 KM MB = 5.2						TELESEISMIC SOLUTION	
		SOUTH OF FIJI IS								
18	ADK	EP	16 35 3.9				8284	180		
.....										
18	16 55 13.99	51.28 N 179.49 E	DEPTH = 35.5 KM						FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
18	ASD	IP	16 55 20.0	11.1	.2	-.32	15	134	-.3	
		ES	16 55 25.0						.0	
18	ASB	EP	16 55 20.5	3.7	.2	-.38	19	116	-.2	
		ES	16 55 25.3						-.2	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	ASC	E(P)	16 55 21.8				31	130	.1	
		E(S)	16 55 26.8						-.5	
.....										
18	21 38 33.10		50.39 N 177.02 E							DEPTH = 75.0 KM RAT ISLANDS, ALEUTIAN ISLANDS FIXED DEPTH SOLUTION
18	ANA	EP	21 39 .2				179	220	-3.2	
18	ASB	EP	21 39 1.0	125.9	.3		190	236	-3.9	P SPIKE
		ES	21 39 21.5						-6.6	
18	ASC	EP	21 39 1.5				191	232	-3.6	
		ES	21 39 21.8						-6.6	
18	ASD	EP	21 39 1.8	32.2	.2		196	237	-4.0	
		ES	21 39 23.0						-6.7	
.....										
18	22 8 25.75		51.07 N 179.16 E							DEPTH = 33.6 KM RAT ISLANDS, ALEUTIAN ISLANDS FREE DEPTH SOLUTION
18	ASB	EP	22 08 33.4	15.0	.3	.51	33	190	-.1	
		ES	22 08 38.8						-.3	
18	ASD	EP	22 08 33.7	9.9	.2	1.07	36	200	-.2	
		ES	22 08 39.6						-.2	
18	ASC	EP	22 08 34.6				49	180	-.2	
		ES	22 08 41.1						-.2	
.....										
19	ASD	EP	00 20 43.8	39.8	.3					
		ES	00 20 50.5							
19	ASC	E(P)	00 20 44.6							
		E(S)	00 20 51.0							
19	ASB	EP	00 20 45.1	15.4	.2					
		ES	00 20 52.3							
19	ANA	E(P)	00 20 50.5							
		E(S)	00 20 55.2							
.....										
19	6 33 30.43		51.63 N 179.93 E							DEPTH = 58.4 KM RAT ISLANDS, ALEUTIAN ISLANDS FREE DEPTH SOLUTION
19	ASD	EP	06 33 42.0	4.3	.2		49	56	-.6	
		ES	06 33 50.0						-1.5	
19	ASB	EP	06 33 42.4	5.2	.2		56	58	-.9	
		E	06 33 51.7							
19	ASC	EP	06 33 42.7				57	71	-.7	
		ES	06 33 51.0						-1.8	
19	ANA	EP	06 33 45.6				88	90	-1.6	
		ES	06 33 57.7						-1.7	
.....										
19	ADK	EP	07 01 26.1							
		ES	07 01 36.1							
19	ASD	EP	07 03 27.1	3.2	.2					
		ES	07 03 31.8							
19	ASB	EP	07 03 27.6	10.8	.2					
		ES	07 03 33.4							
19	ASC	EP	07 03 29.0							
		ES	07 03 35.5							
.....										
19	ADK	IP D	07 44 35.2							
		ES	07 44 43.9							
19	ASD	EP	07 45 5.2	23.2	.3					
		E(S)	07 45 41.0							
19	ASB	EP	07 45 6.9	29.3	.3					
		E(S)	07 45 48.0							
19	ASC	EP	07 45 7.5							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
19	23	2	44.74	51.83 N	179.21 E	DEPTH = 187.4 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
19	ASC	EP	23 03 10.1				41	5	-4.2	
		ES	23 03 28.5						-7.3	
19	ANA	EP	23 03 10.1				44	60	-4.3	
		ES	23 03 28.5						-7.5	
19	ASD	EP	23 03 10.1	7.6	.2		51	350	-4.6	
19	ASB	EP	23 03 10.4	6.6	.2		52	357	-4.3	
.....										
20	0	8	48.08	51.26 N	179.37 W	DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
20	ASD	E(P)	00 09 3.0	4.3	.2	2.18	91	98	-.3	
		E(S)	00 09 14.2						-.3	
20	ASB	EP	00 09 4.3	5.9	.2	2.42	97	96	.0	
		ES	00 09 16.1						.0	
20	ASC	E(P)	00 09 5.5				105	102	.0	
		ES	00 09 18.0						-.1	
.....										
20	ASD	EP	00 23 39.5	1.1	.2					
20	ASB	EP	00 23 40.6	5.2	.2					
20	ASC	E(P)	00 23 41.4							
20	ANA	EP	00 23 45.5							
20	ASB	EP	02 13 53.6	13.9	.4					
20	ASD	EP	02 13 54.4	3.6	.2					
		ES	02 13 13.5							
20	ASD	EP	02 39 44.5	2.5	.2					
		E(S)	02 39 51.5							
20	ASB	EP	02 39 45.5	2.2	.2					
		E(S)	02 39 51.8							
20	ASD	EP	02 55 56.3	10.8	.2					
		ES	02 56 .1							
20	ASB	EP	02 55 56.5	27.0	.2					
		E(S)	02 56 1.5							
20	ASC	EP	02 55 58.5							
20	ANA	EP	02 56 4.5							
		E(S)	02 56 12.1							
20	ASB	EP	02 57 59.8	6.0	.2					
		ES	02 58 9.2							
20	ASD	EP	02 58 .6	4.5	.2					
		ES	02 58 9.8							
20	ASD	EP	03 21 24.7	11.3	.3					
		E(S)	03 21 31.1							
20	ASB	EP	03 21 25.2	8.6	.2					
		E(S)	03 21 35.2							
20	ASC	EP	03 21 27.0							
		ES	03 21 35.1							
20	ANA	EP	03 21 31.6							
		ES	03 21 43.6							
20	ANA	IP	04 47 58.1							
		E(S)	04 48 3.6							
20	ASC	E(P)	04 47 58.7							
20	ASD	E(F)	04 47 59.5	.6	.2					
		E(S)	04 48 5.6							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	6	4	31.86	51.49 N	179.72 E	DEPTH = 54.9 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
20	ASD	EP	06 04 41.2	61.6	.2		29	64	-.6	
		ES	06 04 48.1						-1.0	
20	ASB	EP	06 04 41.8	53.2	.2		36	66	-.6	
20	ASC	EP	06 04 42.1				39	85	-.5	
20	ANA	EP	06 04 45.7				75	101	-1.0	
20	ASD	EP	06 44 3.0	.7	.2					
		E(S)	06 44 16.1							
20	ASB	EP	06 44 3.9	1.5	.2					
		ES	06 44 17.8							
20	ASD	EP	07 00 55.3	2.7	.2					
20	ASB	EP	07 00 56.5	4.2	.2					
20	10	0	14.40	50.98 N	178.59 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
20	ASD	EP	10 00 37.7	1.4	.2	2.51	151	106	-1.0	
		ES	10 00 55.4						-1.1	
20	ASB	EP	10 00 38.7	2.7	.2	2.85	157	105	-.9	
		E(S)	10 00 54.0						-4.0	
20	ASC	EP	10 00 40.1				166	108	-.9	
		ES	10 00 57.8						-2.6	
20	ANA	EP	10 00 43.2				205	109	-3.7	
		ES	10 01 4.8						-5.7	
20	10	20	12.00	51.22 N	178.72 E	DEPTH = 29.7 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
20	ASB	EP	10 20 20.1	4.3	.2	.86	40	247	-.1	
		ES	10 20 26.0						-.3	
20	ASC	EP	10 20 20.2				41	228	-.2	
20	ANA	EP	10 20 20.9				46	174	-.1	
		ES	10 20 27.4						-.2	
20	ASD	EP	10 20 21.0	3.1	.2	.96	47	248	-.1	
20	10	37	40.14	50.91 N	178.46 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
20	ASB	EP	10 37 52.8	22.7	.2	2.58	75	228	-.2	
		E(S)	10 38 2.5						.1	
20	ASD	EP	10 37 53.6	27.2	.2	2.79	81	230	-.3	
		ES	10 38 4.0						.0	
20	ASC	EP	10 37 53.6				79	219	-.0	
		E(S)	10 38 3.5						.1	
20	ANA	EP	10 37 54.1				81	190	.1	
		ES	10 38 3.5						-.6	
20	ASD	EP	11 24 8.7	3.1	.2					
		ES	11 24 31.2							
20	ASB	EP	11 24 9.1	9.4	.2					
		ES	11 24 32.7							
20	ASC	EP	11 24 9.3							
		ES	11 24 32.5							
20	ANA	EP	11 24 11.2							
		ES	11 24 36.5							
20	ASB	EP	14 48 42.0	2.8	.2					

FEB 1970	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	ANA	ES	07 45 45.5							
		EP	07 45 13.0							
		E(S)	07 45 57.8							
19	ADK	EP	08 33 12.8							
		ES	08 33 22.7							
19	ASD	EP	08 33 45.7	8.7	.2					
		E(S)	08 34 18.7							
19	ASB	EP	08 33 46.9	9.2	.2					
		ES	08 34 19.3							
19	ASC	EP	08 33 47.0							
		E(S)	08 34 21.5							
19	ANA	EP	08 33 52.2							
		E(S)	08 34 34.0							

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 19 9 29 37.99 51.57 N 179.16 E DEPTH = 69.9 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

19	ASC	EP	09 29 48.5				12	1	-.7
		ES	09 29 55.6						-1.8
19	ASB	EP	09 29 48.6	9.2	.2		24	345	-1.1
		ES	09 29 56.7						-1.5
19	ASD	EP	09 29 48.7	3.6	.2		25	330	-1.0
		ES	09 29 56.7						-1.6

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 19 10 47 34.40 30.20 S 178.02 W DEPTH = 18.0 KM MB = 5.6 TELESEISMIC SOLUTION
 KERMADEC ISLANDS

19	ASB	EP D	10 59 51.0	23.7	.4		9033	178	
19	ASD	EP D	10 59 51.2				9034	178	
19	ASC	EP	10 59 51.7				9044	178	
19	ANA	EP	10 59 53.0				9069	177	
19	ADK	IP D	10 59 54.0				9088	181	
		EL	11 26 15.0						

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19	ASD	EP	11 29 17.0	3.2	.2				
19	ASB	E(F)	11 29 17.9	1.5	.2				
		E(S)	11 29 28.5						
19	ASC	EP	11 29 19.4						
		E(S)	11 29 31.9						

.....
 19 13 59 51.71 51.35 N 179.11 W DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 DELAROF ISLANDS, ALEUTIAN ISLANDS

19	ASD	EP	14 00 9.3	2.1	.2	2.14	107	91	-.2
		ES	14 00 22.6						.2
19	ASB	EP	14 00 10.1	2.9	.2	2.37	114	90	-.4
		ES	14 00 26.8						2.7
19	ASC	EP	14 00 11.5				121	95	.0
		E(S)	14 00 25.2						-.7

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19	ASB	EP	15 08 21.5	6.5	.3				
		ES	15 08 45.2						
19	ASD	EP	15 08 22.7	1.3	.2				
		ES	15 08 46.4						
19	ASB	EP	15 26 17.0						
		E(S)	15 26 23.5						
19	ASD	EP	15 26 18.4	2.1	.2				
		E(S)	15 26 22.0						
19	ASD	EP	17 23 23.5	3.9	.4				
		E(S)	17 24 23.4						

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	ASB	EP E(S)	17 23 23.5 17 24 23.5	4.9	.4					
.....										
19	17 48 47.41		51.45 N 179.83 W	DEPTH = 58.7 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
19	ASD	EP E(S)	17 48 59.8 17 49 8.4	3.8	.2		58	81	-.7 -1.7	
19	ASB	EP ES	17 49 .5 17 49 9.6	10.8	.2		65	80	-.8 -1.8	P SPIKE
19	ASC	EP ES	17 49 .6 17 49 11.1				70	90	-1.3 -1.4	
.....										
19	ADK	IP C ES	17 56 55.8 17 56 34.0							
19	ASB	EP E(S)	18 21 20.9 18 21 35.1	1.2	.2					
19	ASD	EP E(S)	18 21 21.3 18 21 34.1	1.3	.2					
.....										
19	19 16 34.18		51.21 N 179.14 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
19	ASD	EP ES	19 16 51.5 19 17 3.5	2.2	.2	2.16	107	100	-1.4 -3.1	
19	ASB	EP E(S)	19 16 52.1 19 17 6.0	6.4	.3	2.53	113	98	-1.7 -2.1	
19	ASC	E(P) E(S)	19 16 53.4 19 17 7.3				122	103	-1.6 -2.8	
.....										
19	19 18 48.25		51.46 N 179.23 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
19	ASD	EP ES	19 19 4.3 19 19 15.9	4.1	.3	2.13	100	84	-1.7 -2.9	
19	ASB	EP ES	19 19 5.4 19 19 18.9	6.0	.2	2.58	106	83	-1.5 -1.6	
19	ASC	E(P) ES	19 19 6.5 19 19 19.0				112	89	-1.2 -2.8	
.....										
19	ASD	EP ES	19 53 39.3 19 53 51.6	11.1	.3					
19	ASB	EP ES	19 53 40.5 19 53 54.1	10.0	.2					
19	ASC	EP ES	19 53 40.7 19 53 55.6							
19	ANA	EP ES	19 53 45.4 19 54 3.5							
.....										
19	22 5 48.93		51.59 N 179.49 E	DEPTH = 85.7 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
19	ASD	EP ES	22 06 1.5 22 06 10.8	1.7	.2		26	24	-1.5 -2.5	
19	ASC	EP	22 06 1.8				28	58	-1.3	
19	ASB	EP ES	22 06 1.8 22 06 11.3	12.3	.2		31	33	-1.5 -2.4	P SPIKE
19	ANA	EP ES	22 06 3.5 22 06 14.1				58	93	-1.7 -2.9	
.....										

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	ASD	ES E(P) E(S)	14 48 46.5 14 48 43.3 14 48 47.8	.8	.2					
20	16 23 40.14		51.17 N 178.63 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	ASB	EP C	16 23 49.0	96.5	.2	2.51	48	244	-.2	
20	ANA	EP	16 23 49.3				51	182	-.3	
20	ASC	EP C	16 23 49.4				49	229	.1	
		ES	16 23 56.0						-.0	
20	ASD	EP D	16 23 50.0	29.7	.2	2.21	55	246	-.1	
		ES	16 23 56.8						-.6	
20	17 56 7.82		51.80 N 178.27 E	DEPTH = 70.4 KM MB = 4.5			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	ANA	EP	17 56 19.0				32	306	-1.1	
20	ASC	EP	17 56 22.5				72	302	-1.2	
20	ASB	IP C	17 56 23.3				83	306	-1.7	
20	ASD	EP C	17 56 23.9				87	303	-1.6	
		ES	17 56 35.6						-2.8	
20	ADK	IP	17 56 55.9				354	270	-7.7	
		E	17 57 34.1							
20	ASD	EP	20 03 38.5	2.1	.2					
		ES	20 03 56.5							
20	ASB	E(B)	20 03 39.5							
20	20 13 3.09		51.32 N 179.82 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	ASD	EP	20 13 10.0	3.5	.2	.51	34	101	-.2	
		E(S)	20 13 15.0						-.4	
20	ASB	EP	20 13 11.2	10.0	.2	1.24	40	96	.2	P SPIKE
		ES	20 13 17.2						.4	
20	ASC	EP	20 13 12.5				49	109	.3	
		ES	20 13 19.2						.3	
21	9 57 35.10		52.73 N 167.96 W	DEPTH = 33.0 KM MB = 3.8			TELESEISMIC SOLUTION			
			FOX ISLANDS, ALEUTIAN ISLANDS							
21	ADK	EP	09 58 57.8				598	78		
		ES	09 59 56.7							
21	ASD	IP	09 59 29.7	7.6	.2		884	75		
		IS	09 59 30.4							
21	ASB	IP	09 59 30.2				890	75		
		IS	09 59 30.9							
21	ADK	IP D	16 27 36.3							
		IS	16 27 44.8							
21	ASD	E(P)	16 28 9.0							
		E(F)	16 28 11.0	16.2	.2					
		E(S)	16 28 13.5	32.5	.2					
21	ASB	IPK	16 28 10.0	7.7	.2					
		IPG	16 28 12.0	19.3	.2					
21	ASC	E(P)	16 28 11.3							
21	ANA	E(P)	16 28 16.6							
		E(F)	16 28 21.1							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	21 16	9.26	52.06 N 178.91 E	DEPTH = 65.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	ANA	IP	21 16 21.5				51	20	-.9	
		IS	21 16 30.2						-1.8	
21	ASB	EP	21 16 24.3	3.1	.2		82	343	-1.4	
		E(S)	21 16 35.6						-2.1	
21	ASD	EP	21 16 24.5	3.8	.2		82	339	-1.3	
		E(S)	21 16 35.5						-2.3	
21	ASD	IP	23 34 19.0	27.0	.2					
		I(S)	23 34 27.1							
21	ASB	IP	23 34 19.8	13.1	.2					
		IS	23 34 28.0							
21	ASC	EP	23 34 21.5							
		IS	23 34 31.0							
21	ADK	IP	23 35 13.7							
		ES	23 35 13.7							
22	ASB	IP	01 19 43.0	3.5	.2					
		ES	01 19 48.5							
22	ASD	IP	01 19 43.3	2.1	.2					
		ES	01 19 48.8							
22	ADK	EP	05 13 40.4							
		ES	05 14 6.0							
22	6 20	42.29	51.19 N 178.37 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	ANA	IP	06 20 52.8				53	202	.8	
		ES	06 20 59.2						.1	
22	ASB	EP	06 20 53.5	6.2	.2	1.77	64	253	-.1	
		ES	06 21 2.8						1.0	
22	ASD	IP	06 20 54.3	7.6	.2	2.02	71	253	-.3	
		ES	06 21 3.3						-.3	
22	ASD	IP C	06 23 25.3	13.0	.2					
		E(S)	06 23 40.2							
22	ASB	IP	06 23 26.0	11.6	.2					
		E(S)	06 23 39.9							
22	ASC	EP	06 23 27.8							
		E(S)	06 23 41.0							
22	ANA	IPN	06 23 33.0							
		IPG	06 23 35.0							
		E(S)	06 23 53.2							
22	ASB	EP	07 34 7.4	2.7	.2					
		E(S)	07 34 19.2							
22	ASD	IP	07 34 7.5	1.1	.2					
		E(S)	07 34 17.2							
22	ASB	EP	07 37 51.3	2.7	.2					
22	ASD	EP	07 37 51.5	2.1	.2					
22	18 38	12.49	51.53 N 179.75 W	DEPTH = 62.5 KM			FREE DEPTH SOLUTION			
			DELAAROF ISLANDS, ALEUTIAN ISLANDS							
22	ASD	IP D	18 38 25.8	170.1	.2		65	75	-1.0	
		IS	18 38 35.3						-2.0	
22	ASB	IP	18 38 26.5				72	75	-1.1	
22	ASC	IP C	18 38 27.0				76	84	-1.1	
		IS	18 38 37.4						-2.1	
22	ANA	IP D	18 38 30.7				111	95	-1.9	

FEB 1970	STA	PHASE	TIME (GPT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IS	18 38 44.4						-2.8	
22	ADK	IP	20 47 29.1							
		IS	20 47 37.5							
22	22 56 49.54		51.49 N 178.24 E				DEPTH = 76.9 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
22	ANA	EP	22 57 1.5				32	242	-1.2	
		ES	22 57 10.2						-2.1	
22	ASB	EP	22 57 4.5				71	282	-1.5	
		ES	22 57 15.3						-2.7	
22	ASD	E(P)	22 57 5.0	19.5	.2		77	280	-1.7	
		IS	22 57 16.4						-2.8	
23	ASB	P	01 48 0.0							
		ES	01 48 14.1							
23	ASD	P	01 48 .8							
		ES	01 48 14.7							
23	3 30 4.36		51.46 N 179.03 E				DEPTH = 60.4 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
23	ASC	P	03 30 13.5				9	271	-.6	
		ES	03 30 20.0						-1.2	
23	ASB	P	03 30 13.7	7.7	.2		19	307	-.7	
		ES	03 30 20.7						-1.1	
23	ASD	P	03 30 14.0	9.7	.2		23	294	-.7	
		ES	03 30 21.0						-1.2	
23	ANA	P	03 30 14.5				32	125	-.7	
23	ASD	IP D	03 31 5.3	31.2	.2					
		I(S)	03 31 17.0							
23	ASB	IP D	03 31 6.2							
		I(S)	03 31 18.8							
23	ASC	IP C	03 31 6.8							
		IS	03 31 19.8							
23	4 33 9.62		51.56 N 179.69 E				DEPTH = 76.5 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
23	ASD	IP	04 33 21.5	7.6	.2		31	50	-1.2	
		ES	04 33 30.1						-2.1	
23	ASB	IP	04 33 21.8	13.9	.2		38	54	-1.3	P SPIKE
		I(S)	04 33 30.8						-2.1	
23	ASC	IP	04 33 21.9				38	74	-1.2	
		I(S)	04 33 30.8						-2.1	
23	7 25 19.10		51.40 N 177.45 W				DEPTH = 49.0 KM			TELESEISMIC SOLUTION
										ANDREANOF ISLANDS, ALEUTIAN IS.
23	ADK	IP D	07 25 33.0				81	228	-1.2	
		IS	07 25 42.5						-2.7	
23	ASD	EPN	07 25 51.2				223	88	-3.5	
		IPG	07 25 53.2	88.3	.2					
		IS	07 26 16.7						-3.9	
23	ASB	EPN	07 25 51.8				229	88	-3.9	
		IPG	07 25 53.3							
23	ASC	EPN	07 25 52.6				235	90	-4.0	
		IPG	07 25 53.5							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	ADK	IP	09 58 40.0							
		IS	09 58 51.6							
23	ASD	IP	09 59 4.0	53.9	.2					
		ES	09 59 33.7							
23	ASC	IP	09 59 5.1							
		I(S)	09 59 35.5							
23	ASD	IP D	12 19 10.6	30.2	.2					
		I(S)	12 19 16.0							
23	ASC	EP	12 19 12.4							
		ES	12 19 18.2							

.....
 . 23 12 49 28.90 55.01 N 156.87 W DEPTH = 32.0 KM MB = 5.2 TELESEISMIC SOLUTION
 . SOUTH OF ALASKA
 .

.....
 . 23 ADK EP 12 52 18.0 1351 67
 .

23	ASD	IP C	20 23 20.4	50.7	.2					
		IS	20 23 24.5							
23	ASB	IP C	20 23 21.5							
		IS	20 23 26.6							
23	ASC	IP D	20 23 22.7							
		I	20 23 26.7							
23	ASD	IP	22 01 57.0	32.9	.2					
		IS	22 02 8.2							
23	ASB	I(P)	22 01 59.3							
		I(S)	22 02 10.5							
23	ASC	IP	22 02 .5							
		IS	22 02 12.5							

.....
 . 23 23 42 48.49 50.88 N 178.57 W DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 . DELAROF ISLANDS, ALEUTIAN ISLANDS
 .

23	ASD	IPN	23 43 12.4				156	110	-1.2	
		IPG	23 43 12.5	14.0	.2	3.56				
		IS	23 43 28.3						-3.5	
23	ASB	IPG	23 43 13.5	18.4	.2	3.74	162	108	-0.9	
		I(S)	23 43 31.8						-1.5	
23	ASC	IPN	23 43 14.3				171	111	-1.6	
		IPG	23 43 14.7							
		I(S)	23 43 31.7						-4.1	
23	ADK	EP	23 43 15.0				177	232	-1.8	
		ES	23 43 33.7						-3.7	

.....
 . 24 1 15 19.93 49.91 N 177.89 E DEPTH = 75.0 KM FIXED DEPTH SOLUTION
 . RAT ISLANDS, ALEUTIAN ISLANDS
 .

24	ASB	I(P)	01 15 47.6				188	211	-3.9	
		I(S)	01 16 7.8						-6.7	
24	ASD	IP	01 15 48.2	4.3	.2		193	213	-4.0	
		I(S)	01 16 9.7						-6.0	
24	ASC	IP	01 15 48.8				195	208	-3.7	
		I(S)	01 16 9.1						-7.0	

.....
 . 24 2 7 36.80 30.58 N 103.03 E DEPTH = 33.0 KM MB = 5.9 MS = 6.0 TELESEISMIC SOLUTION
 . SZECHWAN PROVINCE
 .

.....
 . 24 ADK E(P) 02 17 43.7 6771 283
 .

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	8	5	39.60	59.57 N	143.87 W	DEPTH = 15.0 KM	MB = 5.0	MS = 5.6	TELESEISMIC SOLUTION	
GULF OF ALASKA										
24	ADK	EP	08 10 25.0				2200	54		
		ES	08 14 6.0							
24	10	17	7.42	51.17 N	179.10 E	DEPTH = 32.2 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	ASB	IP C	10 17 13.9				23	205	-.1	
24	ASD	IP C	10 17 14.3	519.8	.1	2.68	28	216	-.2	
		IS	10 17 19.3						-.4	
24	ASC	IP D	10 17 15.0				32	187	.0	
24	ANA	IP D	10 17 18.2				60	148	-.3	
		I(S)	10 17 26.3						-.2	
24	12	55	.99	51.19 N	179.40 E	DEPTH = 37.0 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	ASB	IPG	12 55 7.8	66.1	.2	1.10	22	150	-.3	
24	ASD	IPGC	12 55 8.1	153.4	.2	1.42	22	168	.1	
		IS	12 55 13.2						.0	
24	ASC	IPG	12 55 8.8				35	151	-.5	
		I(S)	12 55 15.0						-.4	
24	ANA	I(P)	12 55 14.1				71	133	.1	
24	17	31	57.10	53.91 N	162.98 W	DEPTH = 33.0 KM	MB = 4.5	TELESEISMIC SOLUTION		
UNIMAK ISLAND REGION										
24	ADK	EP	17 33 59.2				942	71		
25	ADK	EP	05 05 3.1							
		ES	05 05 20.2							
25	ASD	IP	09 00 18.8	4.3	.2					
		I(S)	09 00 35.0							
25	ASB	EP	09 00 20.0	7.7	.2					
		I(S)	09 00 36.7							
25	ASC	EP	09 00 20.9							
		I(S)	09 00 38.1							
25	ADK	EP	09 36 27.7							
		ES	09 36 34.0							
25	12	57	19.41	51.57 N	179.88 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
25	ASD	IPG	12 57 29.9	20.0	.2	2.13	58	68	.0	
		I(S)	12 57 37.4						-.1	
25	ASC	IPG	12 57 30.8				68	79	-.4	
		I(S)	12 57 39.5						-.4	
25	ASB	IPG	12 57 31.0	24.6	.2	2.39	65	68	.2	
		I(S)	12 57 39.4						.2	
25	ANA	EP	12 57 34.9				101	93	-1.3	
		I(S)	12 57 46.2						-2.3	
25	ADK	EP	17 18 34.6							
		ES	17 18 48.4							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
25	17 24	10.81	50.13 N 178.06 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
25	ASB	E(P)	17 24 35.7	6.9	.3	3.12	161	212	-.9	
		I(S)	17 24 53.6						-1.8	
25	ASD	IP	17 24 36.2	9.7	.3	3.32	166	214	-1.1	T WAVES OBSERV
		I(S)	17 24 54.0						-2.7	
25	ASC	IP	17 24 36.6				167	208	-1.0	
		I(S)	17 24 55.9						-1.2	
25	ANA	EP	17 24 36.6				172	194	-1.7	
		I(S)	17 24 56.0						-2.3	
.....										
25	18 33	43.65	51.53 N 179.88 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELCROF ISLANDS, ALEUTIAN ISLANDS										
25	ASD	IPG	18 33 53.9	72.4	.2	2.65	57	73	-.0	
		I	18 34 1.9							
25	ASB	IPG	18 33 54.9	30.7	.2	2.46	64	73	-.0	
		IS	18 34 3.3						.2	
25	ASC	IPG	18 33 55.0				67	84	-.5	
		IS	18 34 3.5						-.6	
25	ANA	IPG	18 33 59.6				102	96	-1.0	
.....										
25	ASD	IPG	20 25 57.8	63.1	.2					
		IS	20 26 4.9							
25	ASB	IPGC	20 25 58.4	60.1	.2					
		IS	20 26 5.8							
25	ASC	IPGC	20 25 59.9							
		IL	20 26 8.8							
25	ANA	IPG	20 26 5.1							
.....										
25	21 40	37.36	51.48 N 178.87 E	DEPTH = 68.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
25	ASC	IPG	21 40 47.8				20	275	-.8	
25	ANA	IPG	21 40 47.8				22	139	-.9	
		IS	21 40 55.5						-1.5	
25	ASB	IPG	21 40 48.2	37.0	.2		29	296	-.9	
		IS	21 40 56.1						-1.6	
25	ASD	IPG	21 40 48.5	30.8	.2		35	289	-1.0	
		IS	21 40 56.6						-1.7	
.....										
26	1 23	19.15	52.19 N 178.91 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELCROF ISLANDS, ALEUTIAN ISLANDS										
26	ASD	IP	01 23 42.6	4.1	.2	2.96	150	52	-.8	
		I(S)	01 23 59.5						-1.5	
26	ASB	IP	01 23 43.2	5.4	.2	3.15	157	53	-1.1	
		I(S)	01 24 .9						-1.8	
26	ASC	IP	01 23 43.3				155	58	-.8	
		IS	01 24 .7						-1.6	
26	ANA	IP	01 23 44.9				178	69	-2.7	
		IS	01 24 4.1						-4.2	
.....										
26	2 38	20.48	51.48 N 178.84 E	DEPTH = 68.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ANA	IPGC	02 38 31.0				21	142	-.9	
		IS	02 38 38.6						-1.6	
26	ASC	IPG	02 38 31.1				22	274	-.8	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	ASB	IPGD	02 38 31.5	179.7	.2		31	295	-0.9	
26	ASD	IPGD	02 38 31.7	277.6	.2		36	288	-1.1	
		IS	02 38 40.1						-1.7	
.....										
26	ASD	EP	05 01 13.7	2.8	.3					
		I(S)	05 01 29.6							
26	ASB	E(P)	05 01 14.9	3.0	.3					
		I(S)	05 01 31.9							
26	ASC	I(P)	05 01 15.9							
		IS	05 01 33.0							
.....										
26	5 58 19.10		51.29 N 170.08 W	DEPTH = 42.0 KM MB = 4.4					TELESEISMIC SOLUTION	
			FOX ISLANDS, ALEUTIAN ISLANDS							
26	ADK	EP	05 59 20.7				455	96		
		ES	06 00 6.9							
26	ASD	EP	05 59 54.2	2.0	.2		737	87		REGIONAL
26	ASB	EP	05 59 55.2				744	86		
26	ASC	IP	05 59 56.7				749	87		
.....										
26	ANA	I(P)	06 00 .7							
26	ADK	IP	09 54 36.8							
		IS	09 54 44.2							
26	ASD	I(P)	09 55 6.7	3.2	.4					
		IL	09 55 36.9							
26	ASB	I(P)	09 55 7.8	9.2	.4					
		IL	09 55 38.2							
26	ASC	E(P)	09 55 8.9							
		IL	09 55 39.9							
26	ASD	IPG	12 58 52.1	4.1	.2					
		IS	12 58 56.3							
26	ASB	IPG	12 58 53.3	9.2	.2					
		IS	12 58 58.2							
26	ASC	IPG	12 58 54.3							
26	ASC	E(P)	19 41 22.6							
26	ASD	EP	19 41 23.2	34.2	.2					TELESEISM
26	ASB	E(P)	19 41 23.3							
26	ADK	EP	20 38 16.7							
		ES	20 38 19.7							
.....										
26	22 10 20.12		51.79 N 179.53 E	DEPTH = 145.1 KM					FREE DEPTH SOLUTION	
			RAT ISLANDS, ALEUTIAN ISLANDS							
26	ASD	IPG	22 10 40.4	33.3	.2		48	16	-3.4	
		IS	22 10 55.6						-5.4	
26	ASC	IPG	22 10 40.5				44	35	-3.1	
		IS	22 10 55.4						-5.3	
26	ASB	IPG	22 10 40.8	50.5	.2		51	22	-3.2	
		IS	22 10 55.8						-5.5	
26	ANA	IPG	22 10 41.4				63	73	-3.2	
		IS	22 10 56.6						-5.8	
.....										
26	23 6 0.00		43.49 N 147.71 E	DEPTH = 36.0 KM MB = 5.4 MS = 5.5					TELESEISMIC SOLUTION	
			KURIL ISLANDS							
26	ADK	EP	23 11 27.9				2807	265		
		ES	23 16 3.0							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	23 31	6.86	51.85 N 179.97 E	DEPTH = 78.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASD	IPG	23 31 21.7	10.2	.2		69	39	-1.6	
		IS	23 31 32.5						-2.7	
26	ASC	IPG	23 31 21.9				71	52	-1.6	
		I	23 31 33.9							
26	ASB	IPG	23 31 22.2	13.1	.2		74	42	-1.7	
		IS	23 31 33.4						-2.8	
26	ANA	IPG	23 31 24.2				94	74	-1.9	
26	23 29	2.70	43.65 N 147.82 E	DEPTH = 15.0 KM MB = 5.6 MS = 5.7			TELESEISMIC SOLUTION			
KURIL ISLANDS										
26	ADK	EP	23 34 25.8			2791	265			
26	23 42	3.12	51.36 N 179.59 E	DEPTH = 61.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASD	IPG	23 42 12.6	3.8	.2		18	98	-.7	
		IS	23 42 19.6						-1.2	
26	ASB	IPG	23 42 13.0	5.0	.2		24	91	-.7	
		IS	23 42 20.0						-1.3	
26	ASC	IPG	23 42 13.4				33	111	-.8	
		IS	23 42 21.0						-1.3	
27	1 45	10.80	43.44 N 147.70 E	DEPTH = 15.0 KM MB = 5.2 MS = 5.5			TELESEISMIC SOLUTION			
KURIL ISLANDS										
27	ADK	EP	01 50 36.3			2811	265			
		E(S)	01 55 29.0							
27	ASD	IPG	04 44 19.4	3.5	.2					
27	ASB	IPG	04 44 20.4	4.2	.2					
		IS	04 44 32.3							
27	ASC	IPG	04 44 21.9							
27	ADK	IP D	04 51 54.8							
		IS	04 52 1.7							
27	5 20	31.30	51.55 N 179.90 W	DEPTH = 120.6 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IPG	05 20 49.4	7.6	.2		56	70	-2.6	
27	ASB	IPG	05 20 49.8				68	70	-2.7	
		IS	05 21 3.3						-4.6	
27	ASC	IPG	05 20 50.0				66	81	-2.7	
27	6 12	43.37	50.90 N 179.88 E	DEPTH = 17.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IPGD	06 12 54.5	7.3	.2	1.87	65	144	-.1	
27	ASB	IPGD	06 12 54.9	5.8	.2	1.84	68	139	-.1	
		IS	06 13 3.3						-.3	
27	ASC	IPG	06 12 56.8				80	141	-.1	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DISP (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	E 48	34.09	51.60 N 178.41 E	DEPTH = 95.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ANA	IPG	06 48 47.5				17	261	-1.8	
		IS	06 48 57.6						-2.7	
27	ASC	IPG	06 48 49.5				54	287	-1.7	
		IS	06 49 .4						-3.3	
27	ASB	IPG	06 48 50.0	6.3	.2		64	295	-2.0	
		IS	06 49 1.8						-3.3	
27	ASD	IPG	06 48 50.5	6.4	.2		69	292	-2.0	
		IS	06 49 2.3						-3.6	
27	7 7	57.10	50.14 N 179.58 W	DEPTH = 13.0 KM			MB = 5.9		MS = 6.2 TELESEISMIC SOLUTION	
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	07 08 23.1				157	151	.8	MAINSHOCK
27	ASB	IP D	07 08 23.2				159	148	.6	
27	ASC	IP C	07 08 25.0				172	148	.5	
27	ANA	IP	07 08 29.2				207	142	-.6	
27	ADK	IP	07 08 39.3				286	228	-2.5	
		IS	07 09 9.5						-4.8	
27	7 12	35.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	I(P)	07 13 .7	21.7	.2	3.81	162	155	-.4	
		I(S)	07 13 17.7						-2.3	
27	ASB	I(P)	07 13 .7				163	153	-.6	
		I(S)	07 13 17.2						-3.2	
27	ADK	EP	07 13 20.9				300	228	-1.1	
		ES	07 13 49.9						-6.1	
27	7 16	38.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	07 17 3.5	198.2	.2	4.77	162	155	-.4	
27	ASB	IP	07 17 3.9				163	153	-.2	
27	ASC	IP	07 17 5.3				176	153	-.8	
27	ADK	EP	07 17 21.9				300	228	-2.9	
		ES	07 17 50.9						-7.9	
27	7 17	50.80	50.10 N 179.77 W	DEPTH = 19.0 KM			MB = 5.0		TELESEISMIC SOLUTION	
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	07 18 15.4	676.3	.2	5.24	155	156	-.3	
27	ASB	IP	07 18 15.7				157	153	-.2	
27	ADK	IP	07 18 33.8				299	230	-3.7	
		IS	07 19 4.1						-7.4	
27	7 38	58.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	07 39 24.4	7.1	.2	3.33	162	155	-.4	
		IL	07 39 42.6							
27	ASB	IP	07 39 24.4	9.5	.2	3.47	163	153	-.6	
		IL	07 39 43.0							
27	ASC	IP	07 39 29.5				176	153	2.5	
		IL	07 39 48.7							

FEB 1970	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS	
27	ANA	IP	07 39 34.0				210	146	1.9		
		IS	07 39 56.7						.5		
.....											
27	7 42 1.20	50.05 N 179.71 W DEPTH = 20.0 KM					SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
27	ASC	IP	07 42 26.7				176	153	-2.6		
27	ASB	IP	07 42 27.5	17.4	.2	3.73	163	153	.2		
		IS	07 42 44.7						-1.7		
27	ASD	IP	07 42 28.1	11.1	.2	3.52	162	155	1.0		
27	ANA	IP	07 42 30.9				210	146	-3.5		
27	ADK	EP	07 42 42.8				300	228	-5.2		
		ES	07 43 13.5						-8.5		
.....											
27	7 49 31.20	50.01 N 179.70 W DEPTH = 25.0 KM MB = 4.2					TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
27	ASD	IP	07 49 56.9	42.7	.2	4.15	166	156	-.9		
		IS	07 50 15.3						-1.9		
27	ASC	IP	07 49 58.7				180	153	-1.2		
27	ANA	IP	07 50 3.0				214	147	-2.0		
27	ADK	EP	07 50 13.8				302	228	-4.6		
		ES	07 50 41.2						-11.5		
.....											
27	7 50 26.80	50.01 N 179.72 W DEPTH = 20.0 KM MB = 4.8					TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
27	ASD	IP	07 50 52.8	222.9	.2	4.86	166	156	-.5		
		IS	07 51 10.9						-1.7		
27	ASC	IP	07 50 54.4				180	153	-1.0		
27	ANA	IP	07 50 58.2				213	147	-2.3		
27	ADK	EP	07 51 11.1				303	228	-3.0		
		ES	07 51 40.0						-8.6		
.....											
27	7 56 43.00	50.05 N 179.71 W DEPTH = 20.0 KM					SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
27	ASD	IP	07 57 8.5	41.0	.2	4.09	162	155	-.4		
27	ASC	IP	07 57 10.2				176	153	-.9		
27	ANA	IP	07 57 14.5				210	146	-1.7		
27	ADK	EP	07 57 25.5				300	228	-4.3		
		ES	07 57 57.5						-6.3		
.....											
27	8 7 40.10	50.05 N 179.71 W DEPTH = 20.0 KM MB = 3.9					SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS											
27	ASB	IP	08 08 5.6	35.7	.2	4.04	163	153	-.6		
27	ASD	IP	08 08 5.7	23.9	.2	3.85	162	155	-.3		
		IL	08 08 20.8								
27	ASC	IP	08 08 7.2				176	153	-1.0		
		IL	08 08 26.5								
27	ANA	IP	08 08 11.6				210	146	-1.7		
27	ADK	EP	08 08 22.9				300	228	-4.0		
		ES	08 08 53.8						-7.1		

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FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	8 18	.40	50.01 N 179.65 W	DEPTH = 11.0 KM			MB = 4.7		TELESEISMIC SOLUTION	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP C	08 18 27.6	292.3	.3	4.82	168	155	.4	
		IL	08 18 42.2							
27	ASB	IP D	08 18 27.6	91.4	.2	4.50	169	152	.2	
27	ASC	IP D	08 18 29.3				182	152	-.1	
27	ANA	IP	08 18 33.6				216	146	-.9	
27	ADK	IP	08 18 44.0				300	227	-3.2	
		IS	08 19 14.3						-7.1	
27	ADK	IP	08 25 38.5							
		IS	08 25 58.0							
27	ASD	IP	08 25 58.7	21.6	.3					
		I(S)	08 26 19.0							
27	ASB	IP	08 25 59.5	40.5	.3					
		I(S)	08 26 18.4							
27	ASC	IP C	08 26 1.0							
		IL	08 26 37.2							
27	ANA	IP	08 26 6.8							
27	8 29	36.70	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	08 30 2.2	4.5	.3	2.95	162	155	-.4	
		I(S)	08 30 19.1						-2.4	
27	ASB	IP	08 30 2.4	6.1	.3	3.10	163	153	-.4	
27	ASC	IP	08 30 4.0				176	153	-.8	
27	8 33	2.20	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	08 33 27.7	22.7	.3	3.67	163	153	-.6	
		IS	08 33 45.7						-1.7	
27	ASD	IP C	08 33 27.9	15.8	.3	3.50	162	155	-.2	
27	ASC	IP	08 33 29.4				176	153	-.9	
		IS	08 33 48.9						-1.8	
27	8 35	54.10	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	08 36 19.6	10.5	.3	3.32	162	155	-.4	
		IS	08 36 37.3						-1.6	
27	ASB	IP	08 36 19.6	10.4	.3	3.33	163	153	-.6	
27	ASC	IP	08 36 21.3				176	153	-.9	
27	8 42	52.60	50.05 N 179.71 W	DEPTH = 20.0 KM					SOLUTION BY INSPECTI	
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	08 43 18.1	9.3	.3	3.28	163	153	-.6	
		I(S)	08 43 33.8						-4.0	
27	ASD	IP	08 43 18.2	12.6	.3	3.40	162	155	-.3	
		I(S)	08 43 35.4						-2.0	
27	ASC	IP	08 43 19.6				176	153	-1.1	
		IS	08 43 38.9						-2.2	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	8 51	46.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	08 52 11.7	65.2	.3	4.11	162	155	-.4	
		IS	08 52 25.4						-5.6	
27	ASB	IP	08 52 11.7	69.5	.3	4.15	163	153	-.6	
		I(S)	08 52 26.5						-4.9	
27	ASC	IP	08 52 13.5				176	153	-.8	
27	ANA	IP	08 52 17.8				210	146	-1.6	
27	8 54	23.70	50.07 N 179.73 W	DEPTH = 23.0 KM MB = 4.7			TELESEISMIC SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	08 54 49.2				161	153	-.3	
27	ASD	IP	08 54 49.5	582.5	.3	5.04	160	155	.2	
		IS	08 55 5.1						-2.9	
27	ASC	IP	08 54 50.0				174	153	-1.4	
27	ANA	IP D	08 54 54.2				207	146	-2.3	
27	ADK	IP	08 55 5.9				299	229	-4.5	
		IS	08 55 36.3						-8.1	
27	9 15	54.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	09 16 19.6	141.5	.3	4.45	162	155	-.3	
		I(S)	09 16 32.5						-6.3	
27	ASB	IP	09 16 19.9				163	153	-.2	
		I(S)	09 16 31.4						-7.8	
27	ASC	IP	09 16 21.6				176	153	-.5	
		IS	09 16 35.9						-6.6	
27	ANA	I(P)	09 16 25.8				210	146	-1.4	
27	ADK	EP	09 16 37.6				300	228	-3.2	
		ES	09 17 8.0						-6.8	
27	ASC	IP	09 27 56.7							
		IS	09 28 12.8							
27	ASB	IP	09 27 57.2	56.3	.3					
		IS	09 28 13.4							
27	ASD	IP	09 27 57.3	31.4	.3					
		IS	09 28 14.1							
27	9 41	31.10	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	09 41 56.6	12.7	.3	3.42	163	153	-.6	
		IL	09 42 15.6							
27	ASD	IP	09 41 56.9	10.9	.3	3.34	162	155	-.1	
27	ASC	IP	09 41 58.4				176	153	-.8	
		IL	09 42 18.4							
27	9 43	15.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	09 43 40.7	71.8	.3	4.16	162	155	-.4	
		I(S)	09 43 54.8						-5.2	
27	ASB	IP	09 43 40.7	92.6	.3	4.28	163	153	-.6	
27	ASC	IP C	09 43 42.2				176	153	-1.1	
		IS	09 43 57.0						-6.7	
27	ANA	IP	09 43 46.6				210	146	-1.8	
27	ACK	EP	09 43 58.7				300	228	-3.3	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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ES 09 44 28.6

-7.4

27	ADK	IP	09 48 15.4							
		IS	09 48 26.8							
27	ASD	IP	09 48 26.0	53.6	.3					
		I(S)	09 48 47.0							
27	ASB	IP C	09 48 27.3	79.9	.3					
		IS	09 48 49.2							
27	ASC	IP	09 48 28.1							
27	ANA	IP	09 48 32.6							

27 10 5 44.80 50.00 N 179.85 W DEPTH = 20.0 KM MB = 4.6 TELESEISMIC SOLUTION
 DELAROF ISLANDS, ALEUTIAN ISLANDS

27	ASD	IP	10 06 10.4	232.1	.3	4.68	164	159	-0.6
		IS	10 06 28.6						-1.6
27	ASB	IP C	10 06 10.5				165	157	-0.7
27	ASC	IP D	10 06 12.2				178	156	-0.9
27	ANA	IP	10 06 16.3				218	149	-1.7
27	ADK	IP	10 06 28.5				311	229	-4.8
		IS	10 06 58.9						-9.7

27 10 19 41.60 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
 DELAROF ISLANDS, ALEUTIAN ISLANDS

27	ASB	IP	10 20 7.1	15.1	.3	3.49	163	153	-0.6
		IL	10 20 25.5						
27	ASD	IP	10 20 7.2	7.3	.3	3.16	162	155	-0.3
		IL	10 20 25.3						
27	ASC	IP	10 20 8.6				178	153	-1.1
		IL	10 20 28.4						

27 10 31 18.40 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
 DELAROF ISLANDS, ALEUTIAN ISLANDS

27	ASB	IP	10 31 43.9	4.1	.3	2.92	163	153	-0.6
		IL	10 32 2.1						
27	ASD	I(P)	10 31 44.1	4.9	.3	2.99	162	155	-0.2
27	ASC	IP	10 31 45.5				176	153	-1.0

27 10 49 4.10 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
 DELAROF ISLANDS, ALEUTIAN ISLANDS

27	ASB	IP	10 49 29.6	9.9	.3	3.31	163	153	-0.6
		IL	10 49 46.9						
27	ASD	IP	10 49 29.9	8.5	.3	3.23	162	155	-0.1
27	ASC	IP	10 49 31.3				176	153	-0.9

27 10 52 55.70 50.05 N 179.71 W DEPTH = 20.0 KM SOLUTION BY INSPECTI
 DELAROF ISLANDS, ALEUTIAN ISLANDS

27	ASB	IP	10 53 21.2				163	153	-0.6
		IL	10 53 40.1						
27	ASD	IP	10 53 21.4	3.5	.2	3.02	162	155	-0.2
		IL	10 53 36.5						
27	ASC	IP	10 53 23.0				176	153	-0.8

AMP OBSCURE

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FEB 1970	STA	PHASE	TIME (GMT)	AMP. (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	10 56 23.40		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	10 56 48.9	6.4	.3	3.12	163	153	-6	
		IL	10 57 7.4							
27	ASD	IP	10 56 49.0	4.5	.3	2.95	162	155	-3	
27	ASC	IP	10 56 50.6				176	153	-9	
27	11 28 29.56		51.71 N 178.45 E	DEPTH = 119.7 KM MB = 3.9			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ANA	IP C	11 28 46.0				17	303	-2.4	
27	ASC	IP C	11 28 47.7				56	300	-2.4	
27	ASB	IP D	11 28 48.3				67	306	-2.6	
27	ASD	IP	11 28 48.4	394.0	.3		72	301	-2.9	
		IS	11 29 2.4						-4.7	
27	11 33 55.50		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	I(P)	11 34 21.0	6.4	.3	3.12	163	153	-6	
27	ASD	I(P)	11 34 21.2	5.7	.3	3.06	162	155	-2	
27	ASC	IP	11 34 22.9				176	153	-7	
27	12 8 54.40		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	12 09 19.9	2.9	.3	2.77	163	153	-6	
		IL	12 09 38.7							
27	ASC	IP	12 09 21.7				176	153	-8	
		IL	12 09 39.6							
27	12 11 24.50		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	I(P)	12 11 50.0	9.0	.3	3.25	162	155	-4	
27	ASB	IP	12 11 50.0	7.0	.3	3.16	163	153	-6	
		IS	12 12 4.6						-5.1	
27	ASC	IP	12 11 51.7				176	153	-9	
		IL	12 12 11.4							
27	ASB	IPG	12 14 8.2							
		IS	12 14 14.5							
27	ASD	IPG	12 14 8.6	6.2	.3					
27	ASC	IPG	12 14 9.9							
		IS	12 14 17.5							
27	12 15 23.10		50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	12 15 48.6	3.8	.2	3.05	162	155	-4	
		IS	12 16 2.6						-5.3	
27	ASB	IP	12 15 49.7				163	153	.5	
		IS	12 16 4.1						-4.2	
27	ASC	IP	12 15 50.7				176	153	-5	
		IS	12 16 6.6						-5.0	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
27	12 26	33.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	12 26 59.2				163	153	-0.6	
27	ASD	I(P)	12 26 59.6	7.3	.3	3.16	162	155	-0.0	
27	ASC	IP	12 27 .5				176	153	-1.3	
		IL	12 28 15.0							
.....										
27	12 28	53.90	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	12 29 19.4	6.4	.2	3.28	162	155	-0.4	
27	ASB	IP	12 29 19.5				163	153	-0.5	
		I(S)	12 29 34.9						-4.2	
27	ASC	IP	12 29 21.3				176	153	-0.7	
		IL	12 29 36.5							
.....										
27	13 2	54.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	13 03 19.8	8.1	.3	3.22	163	153	-0.6	
		I(S)	13 03 34.5						-5.0	
27	ASD	IP	13 03 20.4	6.2	.3	3.09	162	155	-0.2	
27	ASC	IP	13 03 21.6				176	153	-0.8	
		IL	13 03 40.4							
.....										
27	13 45	.40	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	13 45 25.9	17.3	.3	3.55	163	153	-0.6	
		I(S)	13 45 41.4						-4.2	
27	ASD	IP	13 45 26.1	19.7	.3	3.59	162	155	-0.2	
		I(S)	13 45 41.6						-3.6	
27	ASC	IP	13 45 27.5				176	153	-1.0	
		IL	13 45 44.9							
.....										
27	13 51	23.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	13 51 49.1				163	153	-0.6	
27	ASD	IP	13 51 49.2	76.0	.3	4.18	162	155	-0.3	
		IL	13 52 6.9							
27	ASC	IP	13 51 50.9				176	153	-0.8	
		IS	13 52 6.4						-5.7	
.....										
27	14 15	14.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	14 15 39.8				163	153	-0.6	
		I(S)	14 15 53.6						-5.9	
27	ASD	I(P)	14 15 40.1	10.4	.3	3.31	162	155	-0.1	
27	ASC	IP	14 15 41.5				176	153	-0.9	
		IL	14 16 0.0							
.....										

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FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	14 23	44.20	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	14 24 9.7	24.2	.3	3.68	162	155	-.4	
		I(S)	14 24 21.7						-7.3	
27	ASB	IP	14 24 9.9	35.1	.3	3.86	163	153	-.4	
		I(S)	14 24 23.8						-5.6	
27	ASC	IP	14 24 11.6				176	153	-.7	
27	14 38	49.10	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	14 39 14.6				163	153	-.6	
27	ASD	IP	14 39 14.7	17.2	.2	3.71	162	155	-.3	
27	ASC	IP	14 39 16.3				176	153	-.9	
		IL	14 39 35.9							
27	14 51	17.60	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	14 51 43.1	10.4	.3	3.33	163	153	-.6	
27	ASD	IP	14 51 43.6	9.7	.3	3.28	162	155	.1	
		I(S)	14 52 1.4						-1.0	
27	ASC	IP	14 51 44.8				176	153	-.9	
		IL	14 52 3.9							
27	14 57	36.80	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	14 58 2.3	69.3	.3	4.15	163	153	-.6	
27	ASD	IP	14 58 2.4	28.8	.2	3.94	162	155	-.3	
27	ASC	IP	14 58 4.0				176	153	-.9	
		IL	14 58 23.9							
27	15 12	24.00	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	15 12 49.5	20.8	.3	3.63	163	153	-.6	
27	ASD	IP	15 12 49.7	22.7	.3	3.65	162	155	-.2	
27	ASC	IP	15 12 51.2				176	153	-.9	
		IL	15 13 9.9							
27	15 20	33.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IP	15 20 58.8	18.5	.3	3.58	163	153	-.6	
		IS	15 21 11.9						-6.6	
27	ASD	IP	15 20 59.2	22.7	.3	3.65	162	155	-.0	
		I(S)	15 21 14.5						-3.6	
27	ASC	IP	15 21 .4				176	153	-1.0	
		IL	15 21 18.4							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
27	16 32	40.80	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	I(P)	16 33 6.3	32.3	.3	3.82	163	153	-.6	
27	ASD	I(P)	16 33 6.4	16.1	.3	3.51	162	155	-.3	
27	ASC	IP	16 33 8.2				176	153	-.7	
	IL		16 33 21.0							
.....										
27	16 40	23.70	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	16 40 49.2	64.7	.3	4.11	162	155	-.4	
		I(S)	16 41 4.3						-4.2	
27	ASB	IP	16 40 49.4				163	153	-.4	
		IS	16 41 4.2						-4.7	
27	ASC	IP	16 40 51.2				176	153	-.6	
	IL		16 41 10.9							
.....										
27	16 56	46.80	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	16 57 12.3	40.5	.3	3.91	162	155	-.4	
		I(S)	16 57 27.7						-3.9	
27	ASB	IP	16 57 12.3				163	153	-.6	
		I(S)	16 57 24.9						-7.1	
27	ASC	IP	16 57 14.0				176	153	-.9	
	IS		16 57 29.1						-6.2	
.....										
27	18 52	5.10	50.01 N 179.95 W	DEPTH = 22.0 KM MB = 4.2			TELESEISMIC SOLUTION			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	18 52 30.0	196.0	.3	4.57	160	161	-.8	
		I(S)	18 52 41.8						-7.7	
27	ASB	IP	18 52 30.0				161	159	-.9	
27	ASC	IP	18 52 31.7				174	158	-1.1	
27	ANA	IP	18 52 35.9				205	151	-1.7	
27	ADK	IP	18 52 48.9				315	230	-5.3	
	IS		18 53 19.6						-10.4	
.....										
27	19 11	13.10	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	19 11 38.6	132.8	.3	4.43	163	153	-.6	
		IS	19 11 57.4						-.9	
27	ASD	IP	19 11 38.9	98.6	.3	4.29	162	155	-.1	
		IS	19 11 56.5						-1.4	
27	ASC	IP	19 11 40.6				176	153	-.6	
	IL		19 12 .4							
.....										
27	19 37	13.30	50.05 N 179.71 W	DEPTH = 20.0 KM			SOLUTION BY INSPECTI			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	19 37 38.8	46.1	.3	3.98	163	153	-.6	
		I(S)	19 37 55.7						-2.8	
27	ASD	IP	19 37 39.1	32.3	.3	3.81	162	155	-.1	
		I(S)	19 37 53.9						-4.2	
27	ASC	IP C	19 37 40.5				176	153	-.9	
	IS		19 37 54.1						-7.7	
.....										

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FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	20	5	13.78	51.26 N	179.45 E	DEPTH = 56.5 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	20 05 22.6	41.0	.2		15	149	-5	
		IS	20 05 28.7						-1.3	
27	ASB	IP	20 05 22.6	33.8	.2		18	128	-5	
27	ASC	IP	20 05 23.5				30	137	-5	
		IS	20 05 30.7						-8	
27	ANA	IP	20 05 26.9				69	126	-1.0	
27	20	7	9.20	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASB	IP	20 07 34.7	36.9	.3	3.88	163	153	-6	
		I(S)	20 07 48.4						-6.0	
27	ASD	IP	20 07 34.9	35.6	.3	3.85	162	155	-2	
27	ASC	IP	20 07 36.4				176	153	-9	
		IS	20 07 52.1						-5.6	
28	0	6	4.00	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	I(P)	00 06 29.5	32.2	.3	3.81	162	155	-4	
		IL	00 06 46.1							
28	ASB	I(P)	00 06 30.0				163	153	-1	
		IL	00 06 45.1							
28	0	12	21.80	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	I(P)	00 12 47.3	22.5	.3	3.65	162	155	-4	
		IL	00 13 4.8							
28	0	19	2.20	51.29 N	178.96 W	DEPTH = 47.0 KM MB = 4.6	TELESEISMIC SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP D	00 19 20.8	1711.6	.3	5.03	118	94	-1.6	
		IS	00 19 34.5						-2.5	
28	ASB	IP	00 19 21.3				125	93	-2.0	
28	ASC	IP	00 19 23.0				132	97	-1.3	
28	ADK	IP C	00 19 27.9				177	249	-3.1	
		IS	00 19 46.7						-5.3	
28	ANA	IP	00 19 28.3				169	102	-1.5	
28	0	49	7.30	50.05 N	179.71 W	DEPTH = 20.0 KM	SOLUTION BY INSPECTI			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP	00 49 32.8	68.0	.3	4.13	162	155	-4	
		IS	00 49 48.1						-4.0	
28	ASB	I(P)	00 49 32.8				163	153	-6	
28	ASC	IP	00 49 33.9				176	153	-1.5	
28	ADK	EP	00 49 50.0				300	228	-4.1	
		ES	00 50 20.6						-7.5	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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28	1 14	24.40	50.05 N 179.71 W	DEPTH = 20.0 KM	MB = 4.0	SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP	01 14 49.9	103.6	.3	4.31	162	155	-4	
		IS	01 15 4.9						-4.3	
28	ASB	I(F)	01 14 49.9				163	153	-6	
28	ASC	IP	01 14 51.8				176	153	-7	
28	ADK	EP	01 15 7.6				300	228	-3.6	
		ES	01 15 38.4						-6.8	

28	1 49	29.00	49.95 N 179.89 W	DEPTH = 20.0 KM	MB = 4.2	TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASB	IP	01 49 55.2				169	158	-7	
		IS	01 50 10.7						-4.8	
28	ASD	IP	01 49 55.3	153.7	.3	4.54	168	161	-5	
		IS	01 50 11.8						-3.6	
28	ASC	IP	01 49 56.9				181	158	-1.0	
28	ADK	EP	01 50 13.0				317	229	-5.3	
		ES	01 50 43.3						-11.0	

28	2 44	44.60	50.14 N 179.55 W	DEPTH = 20.0 KM	MB = 4.0	TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IF	02 45 9.5	45.4	.3	3.92	158	150	-4	
		I(S)	02 45 24.1						-4.3	
28	ASB	I(P)	02 45 10.0				160	147	-2	
28	ASC	IP	02 45 10.8				173	148	-1.4	
28	ADK	EP	02 45 25.5				284	228	-3.5	
		ES 0	02 45 55.3							

28	3 2	7.40	50.05 N 179.71 W	DEPTH = 20.0 KM	MB = 3.8	SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASB	IP	03 02 32.9	59.9	.3	4.09	163	153	-6	
		IS	03 02 46.7						-5.9	
28	ASD	IP	03 02 33.1	77.6	.3	4.19	162	155	-2	
		I(S)	03 02 45.8						-6.4	
28	ASC	IP	03 02 34.5				176	153	-1.0	
		IS	03 02 48.7						-7.2	
28	ADK	EP	03 02 51.8				300	228	-2.4	
		ES 0	03 03 22.0							

28	3 55	57.30	49.99 N 179.68 W	DEPTH = 20.0 KM	MB = 4.1	TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASB	I(P)	03 56 23.5				171	153	-1.1	
28	ASD	IP	03 56 23.7	42.0	.3	3.99	170	156	-7	
		I(S)	03 56 38.4						-5.7	
28	ASC	IP	03 56 24.8				184	153	-1.7	
		I	03 56 37.5							
28	ADK	EP	03 56 40.7				303	227	-3.9	
		ES 0	03 57 11.2							

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	5 55	50.00	50.06 N 179.75 W	DEPTH = 20.0 KM	MB = 4.1	TELESEISMIC SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP	05 56 15.1	79.0	.3	4.18	160	156	-6	
		I(S)	05 56 27.1						-7.3	
28	ASB	IP	05 56 15.2	128.8	.3	4.40	162	154	-7	
		I(S)	05 56 29.5						-5.2	
28	ASC	IP	05 56 16.8				174	153	-1.0	
		I(S)	05 56 29.3						-8.8	
28	ADK	EP	05 56 33.0				301	229	-4.0	
		ES	05 57 3.3						-8.0	
28	6 8	32.80	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP	06 08 58.3	45.2	.3	3.95	162	155	-4	
		IL	06 08 16.3							
28	6 27	2.50	50.05 N 179.71 W	DEPTH = 20.0 KM	MB = 3.8	SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASB	I(P)	06 27 28.0	36.7	.3	3.88	163	153	-6	
28	ASD	IP	06 27 28.9	58.0	.3	4.06	162	155	.5	
		I(S)	06 27 44.9						-2.4	
28	ASC	IP	06 27 30.4				176	153	-2	
		IS	06 27 44.3						-6.7	
28	ADK	EP	06 27 47.4				300	228	-1.9	
		ES	06 28 17.9						-5.4	
28	9 20	0.00	50.05 N 179.71 W	DEPTH = 20.0 KM		SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASB	EP	09 20 25.5	40.4	.3	3.92	163	153	-6	
		I(S)	09 20 40.0						-5.2	
28	ASD	IP	09 20 25.6	32.2	.3	3.81	162	155	-3	
		IS	09 20 38.8						-6.0	
28	ASC	IP	09 20 27.2				176	153	-9	
		IS	09 20 39.9						-8.6	
28	ADK	EP	09 20 44.4				300	228	-2.4	
		ES	09 21 14.8						-6.0	
28	10 31	37.10	50.05 N 179.71 W	DEPTH = 20.0 KM	MB = 3.9	SOLUTION BY INSPECTI				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP	10 32 2.6	58.0	.3	4.06	162	155	-4	
		I(S)	10 32 14.3						-7.6	
28	ASB	IP	10 32 2.8	49.5	.3	4.01	163	153	-4	
		I(S)	10 32 16.1						-6.2	
28	ASC	IP	10 32 4.2				176	153	-1.0	
		IS	10 32 16.6						-9.0	
28	ADK	EP	10 32 20.3				300	228	-3.6	
		ES	10 32 50.8						-7.1	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	10 49	27.40	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	ASB	I(F)	10 49 52.9	40.4	.3	3.92	163	153	-.6	
28	ASD	IP	10 49 53.0	29.5	.3	3.77	162	155	-.3	
		I(S)	10 50 4.9						-7.3	
28	ASC	IP	10 49 54.1				176	153	-1.4	
28	10 52	30.90	52.63 N 175.04 W	DEPTH = 159.0 KM						TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIAN IS.							
28	ADK	IP C	10 52 59.1				134	51	-3.8	
		IS	10 53 20.0						-6.3	
28	ASD	IP D	10 53 28.4	1081.4	.2		409	68	-9.9	
28	ASB	IP D	10 53 29.4				416	68	-9.8	
28	ASC	IP C	10 53 29.5				418	70	-10.0	
28	11 15	27.90	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP	11 15 53.4	51.5	.3	4.01	162	155	-.4	
28	ASB	IP	11 15 53.5	64.2	.3	4.12	163	153	-.5	
		I(S)	11 16 6.4						-6.7	
28	ASC	IP	11 15 55.0				176	153	-1.0	
28	13 32	47.60	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	ASB	IP	13 33 13.1	41.4	.3	3.93	163	153	-.6	
		I(S)	13 33 25.9						-6.9	
28	ASD	IP	13 33 13.3	46.5	.3	3.97	162	155	-.2	
		I(S)	13 33 26.7						-5.7	
28	ASC	IP	13 33 14.7				176	153	-1.0	
		IS	13 33 27.0						-9.1	
28	15 8	2.40	50.05 N 179.71 W	DEPTH = 20.0 KM						SOLUTION BY INSPECTI
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP	15 08 27.9	64.5	.3	4.11	162	155	-.4	
		I(S)	15 08 44.3						-2.9	
28	ASB	IP	15 08 28.0	56.1	.3	4.06	163	153	-.5	
		I(S)	15 08 40.9						-6.7	
28	ASC	IP	15 08 29.5				176	153	-1.0	
		IS	15 08 42.1						-8.8	
28	15 14	10.50	51.22 N 179.93 E	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP	15 14 19.0	16.1	.3	1.43	45	112	-.0	
		I(S)	15 14 25.2						-.0	
28	ASB	I(P)	15 14 20.3	18.4	.3	1.68	50	107	.5	
		I(S)	15 14 26.3						-.3	
28	ASC	IP	15 14 21.0				60	116	-.2	
		I(S)	15 14 29.8						.7	

FEB 1970	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	17	3	34.20	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASB	IP	17 03 59.7	101.1	.3	4.32	163	153	-.6	
		IL	17 04 18.8							
28	ASD	IP	17 03 59.8	64.5	.3	4.11	162	155	-.3	
		IL	17 04 16.9							
28	ASC	IP	17 04 1.0				176	153	-1.3	
		IL	17 04 21.2							
28	17	11	12.10	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASD	IP	17 11 37.6	64.5	.3	4.11	162	155	-.4	
		I(S)	17 11 56.8						-.9	
28	ASB	IP	17 11 37.7	78.2	.3	4.20	163	153	-.5	
		IS	17 11 56.0						-1.3	
28	ASC	IP	17 11 39.3				176	153	-.9	
		IS	17 11 54.0						-6.6	
28	17	31	37.80	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASB	IP	17 32 3.3	32.2	.3	3.82	163	153	-.6	
		IS	17 32 17.5						-5.5	
28	ASD	IP	17 32 3.4	35.4	.3	3.85	162	155	-.3	
		I(S)	17 32 18.8						-3.8	
28	ASC	IP	17 32 4.9				176	153	-1.0	
28	17	35	33.10	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASB	IP	17 35 58.6	61.6	.3	4.10	163	153	-.6	
		IS	17 36 16.8						-1.5	
28	ASD	IP	17 35 58.8	58.1	.3	4.06	162	155	-.2	
		I(S)	17 36 16.9						-1.0	
28	19	16	1.80	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASB	IP	19 16 27.3	85.3	.3	4.24	163	153	-.6	
		I(S)	19 16 38.9						-8.1	
28	ASD	IP	19 16 27.4	163.2	.3	4.51	162	155	-.3	
		I(S)	19 16 40.4						-6.2	
28	ASC	IP	19 16 29.1				176	153	-.8	
		IS	19 16 43.8						-6.5	
28	ADK	EP	19 16 45.5				300	228	-3.1	
		ES	19 17 15.5						-7.1	
28	21	51	47.20	50.05 N	179.71 W	DEPTH = 20.0 KM				SOLUTION BY INSPECTI
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASD	IP	21 52 12.7	20.3	.3	3.61	162	155	-.4	
28	ASB	IP	21 52 12.8	21.7	.3	3.65	163	153	-.5	
28	ASC	IP	21 52 14.5				176	153	-.8	
		IL	21 52 32.6							

JAN 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	1 43 46.70	8.60 N	83.53 W	48.0 T	5.2	5.7	COSTA RICA
01	22 9 28.60	4.04 S	153.92 E	404.0 T	5.2		NEW IRELAND REGION
04	17 0 40.20	24.14 N	102.50 E	31.0 T	5.9	7.5	CHINA
06	5 35 51.80	9.62 S	151.44 E	8.0 T	5.7	6.2	DENTRECASTEAUX IS
08	17 12 39.10	34.74 S	178.57 E	179.0 T	6.1		SOUTH OF KERMADEC IS
09	7 41 14.40	52.75 N	168.66 W	33.0 T	4.0		FOX ISLANDS, ALEUTIAN ISLANDS
10	12 7 8.60	6.82 N	126.74 E	73.0 T	6.1		MINDANAG, PHILIPPINE
10	13 59 38.00	6.78 N	126.84 E	67.0 T	5.4		MINDANAG, PHILIPPINE
10	14 16 29.10	6.76 N	126.92 E	62.0 T	5.6		MINDANAG, PHILIPPINE
11	5 2 5.80	7.32 N	126.81 E	70.0 T	5.5		MINDANAG, PHILIPPINE
13	4 22 7.40	51.51 N	175.76 W	45.0 T	4.0		ANDREANOF ISLANDS, ALEUTIAN IS.
13	7 29 51.40	51.10 N	179.06 E	37.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	7 31 53.38	51.08 N	179.15 E	35.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	7 33 1.76	51.21 N	179.13 E	25.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	7 33 31.33	51.06 N	179.18 E	32.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	7 37 31.52	51.01 N	179.03 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
13	7 58 54.38	51.05 N	179.03 E	27.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	8 2 33.03	51.04 N	179.16 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
13	8 7 11.79	51.08 N	179.10 E	32.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	8 13 3.54	51.04 N	179.19 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
14	5 30 4.57	51.39 N	179.70 W	193.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	10 7 46.15	51.58 N	178.62 E	97.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	10 39 30.30	53.25 N	166.78 W	38.0 T	4.3		FOX ISLANDS, ALEUTIAN ISLANDS
15	12 56 5.50	53.22 N	166.83 W	60.0 T	4.1		FOX ISLANDS, ALEUTIAN ISLANDS
15	15 57 19.03	51.58 N	179.90 W	46.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	16 52 42.90	11.51 N	86.73 W	70.0 T	5.1		COAST OF NICARAGUA
16	8 5 39.60	60.31 N	152.72 W	91.0 T	5.6		SOUTHERN ALASKA
16	12 51 33.90	51.36 N	175.70 W	54.0 T	4.0		ANDREANOF ISLANDS, ALEUTIAN IS.
16	14 22 16.31	51.35 N	178.50 E	44.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	20 11 19.60	53.30 N	173.65 W	231.0 T	3.7		ANDREANOF ISLANDS, ALEUTIAN IS.
18	1 42 37.10	50.85 N	178.29 E	64.0 T	4.1		RAT ISLANDS, ALEUTIAN ISLANDS

JAN 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
18	15 24 33.80	50.80 N	178.69 W	33.0 T	3.9		DELAROF ISLANDS, ALEUTIAN ISLANDS
18	22 0 43.77	51.67 N	178.64 E	91.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	0 38 24.10	53.77 N	163.63 W	33.0 T	5.1		UNIMAK ISLAND REGION
20	6 32 44.60	53.47 N	163.84 W	56.0 T	4.1		UNIMAK ISLAND REGION
20	7 19 51.20	25.80 S	177.35 W	80.0 T	6.5		SOUTH OF FIJI IS
20	8 27 48.00	11.48 N	86.35 W	46.0 T	5.4		COAST OF NICARAGUA
20	8 37 37.60	25.96 S	177.39 W	100.0 T	5.1		SOUTH OF FIJI IS
20	12 53 16.40	53.56 N	163.94 W	66.0 T	3.7		UNIMAK ISLAND REGION
20	15 12 51.00	5.42 S	154.32 E	196.0 T	5.4		SOLOMON ISLANDS
20	17 7 31.20	26.03 S	177.23 W	105.0 T	5.4		SOUTH OF FIJI IS
21	0 45 24.60	53.83 N	163.70 W	33.0 T	3.9		UNIMAK ISLAND REGION
21	3 57 48.82	51.20 N	178.77 E	37.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	5 4 1.50	51.20 N	178.87 E	27.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	11 39 6.82	50.76 N	178.02 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
21	17 51 38.50	7.02 N	104.30 W	33.0 T	6.2	6.6	OFF COAST OF MEXICO
21	18 13 .73	51.19 N	179.17 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
21	23 44 9.80	26.23 S	177.11 W	95.0 T	5.0		SOUTH OF FIJI IS
22	3 55 32.20	51.25 N	177.23 E	31.0 T	5.3	5.8	RAT ISLANDS, ALEUTIAN ISLANDS
22	15 14 28.80	14.34 N	92.41 W	58.0 T	5.5		COAST OF MEXICO
23	3 31 29.30	53.68 N	163.68 W	40.0 T	5.1		UNIMAK ISLAND REGION
23	3 44 14.60	53.69 N	163.84 W	33.0 T	4.0		UNIMAK ISLAND REGION
23	5 6 45.05	50.96 N	178.53 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	6 55 47.50	53.77 N	163.67 W	33.0 T	4.4		UNIMAK ISLAND REGION
23	10 51 32.67	51.21 N	179.39 E	36.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	21 20 31.80	50.78 N	179.33 W	33.0 T	4.3		DELAROF ISLANDS, ALEUTIAN ISLANDS
24	22 22 53.58	51.11 N	179.20 E	37.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	0 47 15.60	51.24 N	178.69 E	32.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	10 1 20.50	12.58 S	166.37 E	50.0 T	5.7	6.4	SANTA CRUZ ISLANDS
26	15 25 6.10	51.54 N	179.41 E	68.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	19 10 31.90	53.66 N	163.59 W	33.0 T	3.9		UNIMAK ISLAND REGION
26	23 51 42.40	53.76 N	165.50 W	40.0 T	4.7		FOX ISLANDS, ALEUTIAN ISLANDS

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JAN 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
27	17 47 39.13	51.66 N	177.55 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	7 36 23.70	51.35 N	178.77 E	34.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	23 6 1.70	20.68 S	178.85 W	608.0 T	5.6		FIJI ISLANDS REGION
29	7 2 57.50	49.80 N	78.21 E	0.0 T	5.6		EASTERN KAZAKH SSR
30	5 59 12.22	51.30 N	179.37 E	30.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	8 28 22.70	14.59 S	167.33 E	172.0 T	5.7		NEW HEBRIDES ISLANDS
30	12 35 27.00	51.09 N	179.02 E	29.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	13 55 39.12	51.54 N	179.19 E	110.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	14 36 27.87	51.62 N	179.10 E	94.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	19 59 31.40	51.31 N	178.49 W	44.0 T	4.3		DELAROF ISLANDS, ALEUTIAN ISLANDS
31	19 37 27.06	51.02 N	179.05 E	10.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	19 38 8.96	51.05 N	179.16 E	32.7 F			RAT ISLANDS, ALEUTIAN ISLANDS

FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	18 4 1.87	51.10 N	178.48 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	14 4 43.58	51.70 N	179.86 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	17 49 51.90	43.48 N	147.42 E	33.0 T	5.5		KURIL ISLANDS
03	7 50 42.86	51.57 N	179.87 E	92.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	5 8 48.00	15.53 N	99.48 W	21.0 T	6.0	6.5	COAST OF MEXICO
04	8 54 4.56	51.32 N	178.71 E	27.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	17 0 0.00	37.10 N	116.03 W	0.0 T	5.6		SOUTHERN NEVADA
05	12 46 38.20	47.02 N	154.19 E	33.0 T	5.5	5.5	KURIL ISLANDS
05	15 57 4.10	52.85 N	164.73 W	33.0 T	4.3		SOUTH OF ALASKA
05	22 5 58.30	12.60 N	122.12 E	11.0 T	6.0	6.6	LUZON, PHILIPPINE IS
06	0 11 49.60	54.56 N	163.68 E	44.0 T	5.6	5.3	OFF EAST COAST OF KAMCHATKA
06	3 53 4.24	51.41 N	179.33 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	6 4 39.97	51.25 N	179.44 W	61.8 F	3.8		DELAROF ISLANDS, ALEUTIAN ISLANDS
06	18 16 34.69	50.99 N	179.29 E	24.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	23 45 5.47	51.41 N	178.35 E	49.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	0 23 37.76	51.96 N	178.31 E	147.3 F	4.5		RAT ISLANDS, ALEUTIAN ISLANDS
07	9 49 13.91	52.01 N	178.02 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	14 12 51.12	51.45 N	177.64 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	14 30 45.27	51.32 N	179.43 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
7	17 45 16.80	54.33 N	165.45 E	33.0 T	4.3		KOMANDORSKY ISLANDS REGION
8	3 29 13.10	54.65 N	163.50 E	33.0 T	4.5		OFF EAST COAST OF KAMCHATKA
08	7 23 25.06	51.18 N	178.67 E	15.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	7 30 15.79	52.21 N	179.42 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	8 14 40.38	51.25 N	177.30 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	12 9 17.33	51.06 N	179.01 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	17 38 22.40	50.46 N	179.28 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	19 17 13.80	50.74 N	172.35 W	33.0 T	5.0		ANDREANCF ISLANDS, ALEUTIAN IS.
09	0 8 37.97	51.10 N	179.13 E	24.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	13 46 33.85	51.45 N	179.78 E	56.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	17 45 29.20	17.26 S	178.55 W	553.0 T	4.8		FIJI ISLANDS REGION
11	6 23 29.02	50.03 N	179.40 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	M8	MS	GEOGRAPHIC REGION
11	11 35 34.90	51.11 N	179.56 W	27.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	13 24 43.47	51.09 N	179.11 E	31.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	1 11 22.93	51.93 N	178.69 E	119.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	3 12 52.40	24.48 N	141.07 E	187.0 T	5.6		VOLCANO ISLANDS REGI
13	15 43 28.70	5.95 S	113.03 E	636.0 T	5.8		JAVA SEA
14	0 28 57.41	51.48 N	177.76 E	59.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	9 39 48.70	51.06 N	177.33 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
14	18 13 54.07	51.08 N	179.62 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	18 46 15.71	51.40 N	178.16 E	65.0 T	4.2		RAT ISLANDS, ALEUTIAN ISLANDS
15	1 0 37.55	51.32 N	179.17 E	47.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	8 55 9.00	48.29 N	146.49 E	444.0 T	4.8		SEA OF OKHOTSK
15	12 36 36.70	.01 S	122.94 E	154.0 T	5.7		NORTHERN CELEBES
15	13 51 1.79	50.82 N	179.82 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
15	22 16 13.79	51.30 N	179.77 E	50.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	1 6 26.75	51.52 N	179.82 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	2 48 6.23	51.26 N	179.34 E	32.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	15 52 53.31	51.59 N	179.67 E	72.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	17 2 .72	51.17 N	178.38 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	19 18 37.08	50.91 N	179.67 E	29.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	21 36 22.50	25.15 S	178.29 E	582.0 T	5.3		SOUTH OF FIJI IS
16	23 59 21.94	51.30 N	179.24 E	45.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	5 46 2.40	9.85 N	125.97 E	72.0 T	5.9		MINDANAO, PHILIPPINE
17	13 9 54.84	51.35 N	179.06 E	44.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	16 1 31.16	51.96 N	178.60 E	96.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	16 38 4.08	51.19 N	179.83 E	84.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
18	2 53 46.35	51.55 N	177.28 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
18	9 23 2.30	52.37 N	131.50 W	4.0 T	4.8		QUEEN CHARLOTTE IS
18	12 55 58.40	52.14 N	175.41 E	39.0 T	4.9		RAT ISLANDS, ALEUTIAN ISLANDS
18	15 23 33.70	20.76 S	176.89 W	259.0 T	5.8		FIJI ISLANDS REGION
18	16 23 36.20	22.94 S	176.21 W	100.0 T	5.2		SOUTH OF FIJI IS
18	16 55 13.99	51.28 N	179.49 E	35.5 F			RAT ISLANDS, ALEUTIAN ISLANDS

FEB HYPOCENTER SUMMARY

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FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
18	21 38 33.10	50.39 N	177.02 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
18	22 8 25.75	51.07 N	179.16 E	33.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	6 33 30.43	51.63 N	179.93 E	58.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	9 29 37.99	51.57 N	179.16 E	69.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	10 47 34.40	30.20 S	178.02 W	18.0 T	5.6		KERMADEC ISLANDS
19	13 59 51.71	51.35 N	179.11 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	17 48 47.41	51.45 N	179.83 W	58.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	19 16 34.18	51.21 N	179.14 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	19 18 48.25	51.46 N	179.23 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	22 5 48.93	51.59 N	179.49 E	85.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	23 2 44.74	51.83 N	179.21 E	187.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	0 8 48.08	51.26 N	179.37 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
20	6 4 31.86	51.49 N	179.72 E	54.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	10 0 14.40	50.98 N	178.59 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
20	10 20 12.00	51.22 N	178.72 E	29.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	10 37 40.14	50.91 N	178.46 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
20	16 23 40.14	51.17 N	178.63 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
20	17 56 7.82	51.80 N	178.27 E	70.4 F	4.5		RAT ISLANDS, ALEUTIAN ISLANDS
20	20 13 3.09	51.32 N	179.82 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
21	9 57 35.10	52.73 N	167.96 W	33.0 T	3.8		FOX ISLANDS, ALEUTIAN ISLANDS
21	21 16 9.26	52.06 N	178.91 E	65.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	6 20 42.29	51.19 N	178.37 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	18 38 12.49	51.53 N	179.75 W	62.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	22 56 49.54	51.49 N	178.24 E	76.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	3 30 4.36	51.46 N	179.03 E	60.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	4 33 9.62	51.56 N	179.69 E	76.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	7 25 19.10	51.40 N	177.45 W	49.0 T	4.1		ANDREANOF ISLANDS, ALEUTIAN IS.
23	12 49 28.90	55.01 N	156.87 W	32.0 T	5.2		SOUTH OF ALASKA
23	23 42 48.49	50.88 N	178.57 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	1 15 19.93	49.91 N	177.89 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
24	2 7 36.80	30.58 N	103.03 E	33.0 T	5.9	6.0	SZECHEWAN PROVINCE

FEB HYPOCENTER SUMMARY

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FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
24	8 5 39.60	59.57 N	143.87 W	15.0 T	5.0	5.6	GULF OF ALASKA
24	10 17 7.42	51.17 N	179.10 E	32.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	12 55 .99	51.19 N	179.40 E	37.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	17 31 57.10	53.91 N	162.98 W	33.0 T	4.5		UNIMAK ISLAND REGION
25	12 57 19.41	51.57 N	179.88 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	17 24 10.81	50.13 N	178.06 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
25	18 33 43.65	51.53 N	179.88 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	21 40 37.36	51.48 N	178.87 E	68.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	1 23 19.15	52.19 N	178.91 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	2 38 20.48	51.48 N	178.84 E	68.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	5 58 19.10	51.29 N	170.08 W	42.0 T	4.4		FOX ISLANDS, ALEUTIAN ISLANDS
26	22 10 20.12	51.79 N	179.53 E	145.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	23 6 0.00	43.49 N	147.71 E	36.0 T	5.4	5.5	KURIL ISLANDS
26	23 31 6.86	51.85 N	179.97 E	78.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	23 29 2.70	43.65 N	147.82 E	15.0 T	5.6	5.7	KURIL ISLANDS
26	23 42 3.12	51.36 N	179.59 E	61.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	1 45 10.80	43.44 N	147.70 E	15.0 T	5.2	5.5	KURIL ISLANDS
27	5 20 31.30	51.55 N	179.90 W	120.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	6 12 43.37	50.90 N	179.88 E	17.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	6 48 34.09	51.60 N	178.41 E	95.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	7 7 57.10	50.14 N	179.58 W	13.0 T	5.9	6.2	DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 12 35.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 16 38.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 17 50.80	50.10 N	179.77 W	19.0 T	5.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 38 58.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 42 1.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 49 31.20	50.01 N	179.70 W	25.0 T	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 50 26.80	50.01 N	179.72 W	20.0 T	4.8		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	7 56 43.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 7 40.10	50.05 N	179.71 W	20.0 T	3.9		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 18 .40	50.01 N	179.65 W	11.0 T	4.7		DELAROF ISLANDS, ALEUTIAN ISLANDS

FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
27	8 29 36.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 33 2.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 35 54.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 42 52.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 51 46.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 54 23.70	50.07 N	179.73 W	23.0 T	4.7		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	9 15 54.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	9 41 31.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	9 43 15.20	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	10 5 44.80	50.00 N	179.85 W	20.0 T	4.6		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	10 19 41.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	10 31 18.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	10 49 4.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	10 52 55.70	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	10 56 23.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	11 28 29.56	51.71 N	178.45 E	119.7 F	3.9		RAT ISLANDS, ALEUTIAN ISLANDS
27	11 33 55.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	12 8 54.40	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	12 11 24.50	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	12 15 23.10	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	12 26 33.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	12 28 53.90	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	13 2 54.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	13 45 .40	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	13 51 23.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	14 15 14.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	14 23 44.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	14 38 49.10	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	14 51 17.60	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	14 57 36.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	15 12 24.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
27	15 20 33.30	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	16 32 40.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	16 40 23.70	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	16 56 46.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	18 52 5.10	50.01 N	179.95 W	22.0 T	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS
27	19 11 13.10	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	19 37 13.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	20 5 13.78	51.26 N	179.45 E	56.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	20 7 9.20	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	0 6 4.00	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	0 12 21.80	50.05 N	179.71 W	20.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	0 19 2.20	51.29 N	178.96 W	47.0 T	4.6		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	0 49 7.30	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	1 14 24.40	50.05 N	179.71 W	20.0 T	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	1 49 29.00	49.95 N	179.89 W	20.0 T	4.2		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	2 44 44.60	50.14 N	179.55 W	20.0 T	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	3 2 7.40	50.05 N	179.71 W	20.0 T	3.8		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	3 55 57.30	49.99 N	179.68 W	20.0 T	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	5 55 50.00	50.06 N	179.75 W	20.0 T	4.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	6 8 32.80	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	6 27 2.50	50.05 N	179.71 W	20.0 T	3.8		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	9 20 0.00	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	10 31 37.10	50.05 N	179.71 W	20.0 T	3.9		DELAROF ISLANDS, ALEUTIAN ISLANDS
28	10 49 27.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	10 52 30.90	52.63 N	175.04 W	159.0 T	6.1		ANDREANOF ISLANDS, ALEUTIAN IS.
28	11 15 27.90	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	13 32 47.60	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	15 8 2.40	50.05 N	179.71 W	20.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	15 14 10.50	51.22 N	179.93 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	17 3 34.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	17 11 12.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS

FEB 1970	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
28	17 31 37.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	17 35 33.10	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	19 16 1.80	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	21 51 47.20	50.05 N	179.71 W	20.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS

* F = FREE DEPTH SOLUTION
D = FIXED DEPTH SOLUTION
T = TELESEISMIC SOLUTION

SEISMICITY MAPS

ALEUTIAN EARTHQUAKES WHICH WERE LOCATED DURING THE MONTH BY THE ALEUTIAN SEISMIC NETWORK AND BY THE WORLD NETWORK OF SEISMOLOGICAL STATIONS REPORTING TO THE NATIONAL OCEAN SURVEY (NOS) ARE PLOTTED ON SIX MAPS COVERING THE ALEUTIAN ISLANDS FROM THE NEAR ISLANDS TO UNIMAK ISLAND (170 DEGREES EAST LONGITUDE TO 160 DEGREES WEST LONGITUDE).

THE BASE MAPS ARE MODIFIED VERSIONS OF LARGE PLATES PUBLISHED BY THE NOS AS PART OF ESSA MONOGRAPH NO. 3 (BATHYMETRY OF THE ALEUTIAN ARC). THE TRANSVERSE MERCATOR PROJECTION, IN WHICH AREAL DISTORTION IS SMALL AND BEARINGS REMAIN TRUE, WAS EMPLOYED.

EPICENTERS WERE PLOTTED AUTOMATICALLY BY A FLAT-BED INCREMENTAL PLOTTER TO PRODUCE PLATES WHICH WERE USED TO OVERPRINT THE BASE MAPS. REGISTRATION MARKS ALONG THE MARGINS OF THE MAPS ALLOW AN ESTIMATION OF THE PRECISION OF PRINTING REGISTRATION.

EACH PLOTTED SYMBOL, CENTERED UPON THE EPICENTRAL COORDINATES, REPRESENTS ONE EARTHQUAKE. THE TYPE OF SYMBOL DENOTES THE DEPTH-OF-FOCUS CLASS OF THE SEISMIC EVENT. THE BODY-WAVE MAGNITUDE (MB) IS INDICATED BY THE SYMBOL SIZE, WHICH VARIES CONTINUOUSLY ACCORDING TO THE RELATIONSHIP

$$\text{SYMBOL SIZE (INCHES)} = .07 + (\text{MB} - 2.5) \times .10$$

EVENTS WHOSE MAGNITUDES ARE UNDETERMINED OR LESS THAN 2.5 ARE PLOTTED AS .07 INCH SYMBOLS. A LEGEND BLOCK DEPICTING THE FIVE DEPTH-OF-FOCUS CLASSES AND A RANGE OF MAGNITUDES IS PROVIDED ON THE ATTU PLATE.

170.0 55.0+	171.0 +	172.0 +	173.0 +	174.0 +	175.0 +55.0
54.5+					+54.5
54.0+					+54.0
53.5+					+53.5
53.0+					+53.0
52.5+					+52.5
52.0+					+52.0

51.5+	170.0	171.0	172.0	173.0	174.0	51.5 175.0
			DEPTH OF FOCUS (km)			
		0-50	50-100	100-150	150-200	200-250
$m_B = 3.0$	*
$m_B = 4.0$
$m_B = 5.0$
$m_B = 6.0$
$m_B = 7.0$