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CGS-746-123

ALEUTIAN SEISMIC PROGRAM
SEISMOLOGICAL BULLETIN
JUNE 1971

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BY JH Kahn/anh
DATE 6/27/72

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL RESEARCH LABORATORIES
ROCKVILLE, MARYLAND 20852

JUNE 1972

PREPARED FOR THE U.S. ATOMIC ENERGY COMMISSION
NEVADA OPERATIONS OFFICE
UNDER CONTRACT AT(29-2)-746

R5184

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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 INVESTIGATIONS GROUP, 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

$$MB = -0.76 + \log_{10}(AMP/PER) + 0.91 * \log_{10}(SLANT \text{ DISTANCE})$$

FOR EVENTS OF EPICENTER DISTANCE LESS THAN
 200 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)
ACA	AMCHITKA CENTRAL A	08/05/71-	51 28 51.4 N	179 07 09.6 E	42
ACB	AMCHITKA CENTRAL B	08/05/71-	51 27 45.4 N	179 05 27.3 E	47
ACC	AMCHITKA CENTRAL C	08/05/71-	51 29 03.4 N	179 02 35.2 E	26
ACD	AMCHITKA CENTRAL D	08/05/71-	51 25 41.4 N	179 08 11.8 E	37
ACE	AMCHITKA CENTRAL E	08/05/71-	51 24 01.8 N	179 10 21.9 E	9
ACF	AMCHITKA CENTRAL F	08/05/71-	51 31 32.7 N	178 59 38.9 E	62
ADK	ADAK OBSERVATORY		51 53 01.4 N	176 41 04.3 W	116
AG1	AMCHITKA GEOPHONE 1	02/10/69-04/10/69	51 24 58.2 N	179 10 49.8 E	
AG3	AMCHITKA GEOPHONE 3	02/10/69-04/10/69	51 25 25.8 N	179 11 24.6 E	
AMA	AMATIGNAK ISLAND	09/10/70-	51 17 17.5 N	179 06 33.5 W	503
AME	AMCHITKA EXPERIMENTAL	01/04/69-26/05/69	51 23 12.0 N	179 15 18.0 E	
ANA	AMCHITKA NORTH A	25/08/69-25/09/69 25/09/69-05/11/69 05/11/69-16/07/70 16/07/70-	51 37 39.8 N 51 37 34.9 N 51 37 39.8 N 51 37 34.9 N	178 39 22.7 E 178 39 41.8 E 178 39 22.7 E 178 39 41.8 E	177 133 177 133
ANB	AMCHITKA NORTH B	09/12/69-18/07/70	51 36 12.0 N	178 47 21.0 E	247
AND	AMCHITKA NORTH D	18/07/70-	51 33 44.4 N	178 57 12.4 E	187
ASB	AMCHITKA SOUTH B	25/05/69-	51 21 37.8 N	179 14 50.3 E	34
ASC	AMCHITKA SOUTH C	28/07/69-25/09/69 25/09/69-13/07/70 13/07/70-	51 27 44.9 N 51 27 41.9 N 51 27 44.9 N	179 09 53.9 E 179 07 29.9 E 179 09 53.9 E	40 36 40
ASD	AMCHITKA SOUTH D	29/05/69-06/06/69 06/06/69-	51 22 36.0 N 51 23 26.9 N	179 20 30.0 E 179 20 31.6 E	61
AWA	AMCHITKA WOOD-ANDERSON		51 22 28.5 N	179 15 09.6 E	
CSA	CAPE SARICHEF	22/11/70-10/05/71	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
NIK	NIKOLSKI	20/05/71-	52 58 27.5 N	168 51 10.8 W	207
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
SMY	SHEMYA	17/11/70-	52 43 51.0 N	174 06 11.0 E	58
SSI	SEMISOPHOCHNOI ISLAND	13/08/69-04/11/69 17/10/70-	51 54 52.2 N 51 53 32.8 N	179 37 26.4 E 179 35 17.9 E	335 177

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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01	0 37 15.43		52.14 N 178.83 E	DEPTH = 144.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
01	ANA	IP	00 37 36.3				58	192	.0	
01	AND	EP	00 37 36.5				65	173	-.1	
01	ASC	EP	00 37 37.5				79	163	.1	
01	ASB	EP	00 37 38.2	6.2	.1	3.06	91	162	-.0	
		ES	00 37 54.9						-.0	
01	ASD	EP	00 37 38.2				90	157	.0	

01	0 44 31.63		51.52 N 177.78 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
01	ANA	IP	00 44 43.9				62	78	.1	
01	AND	EP	00 44 45.8				81	86	-.2	
01	ASC	EP	00 44 47.8				96	93	.0	
01	ASB	EP	00 44 48.7	7.9	.1	3.01	103	99	.0	
		ES	00 45 1.1						.0	
01	ASD	EP	00 44 49.4	4.5	.1	2.78	109	97	.0	

01	ADK	EP C	01 28 16.7							
		ES	01 28 31.9							
01	ASD	EP	01 28 49.9							
01	ASB	EP	01 28 50.8							
		ES	01 29 32.1							
01	ASC	EP	01 28 51.5							
01	AND	EP	01 28 53.1							
01	ANA	EP	01 28 56.0							

01	3 33 46.07		51.41 N 179.23 W	DEPTH = 23.9 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
01	SSI	EP	03 34 1.9	4.4	.1	2.70	98	304	-.3	
		IS	03 34 11.7						-2.2	
01	ASD	EP	03 34 2.2	5.5	.2	2.50	99	269	-.2	
01	ASB	EP	03 34 3.3	3.3	.1	2.61	106	268	-.2	
		ES	03 34 15.8						-.3	
01	ASC	EP	03 34 4.2				112	274	-.1	
01	AND	EP	03 34 7.5				127	278	-.9	
01	ANA	EP	03 34 10.1				148	280	.3	
01	RAT	EP	03 34 13.2				174	285	-.2	
		IS	03 34 33.5						.2	

1	3 42 7.40		60.14 N 151.27 W	DEPTH = 114.0 KM			TELESEISMIC SOLUTION			
KENAI PENINSULA, ALASKA										
01	SSI	IP	03 59 37.0	4.9	.1	2.73				
		IS	03 59 47.4							
01	ASD	IP	03 59 41.9	2.7	.1	2.58				
01	ASB	EP	03 59 43.0	6.2	.1	2.97				
		ES	03 59 57.7							
01	ASC	EP	03 59 43.6							
01	AND	EP	03 59 44.0							
01	ANA	EP	03 59 46.9							

01	4 18 .85		52.03 N 179.40 E	DEPTH = 184.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
01	ASD	EP	04 18 26.7				71	183	-.1	
01	ANA	EP	04 18 26.7				67	229	.0	
01	ASC	EP	04 18 26.7				65	194	.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 01	ASB	EP	04 18 27.0				75	188	-0	
.		ES	04 18 46.1						-0	
. 01	RAT	IP	04 18 27.1	6.6	.1	3.15	77	2F2	-0	
.....										
01	ASD	IP D	04 38 32.3	17.6	.1	3.51				
01	SSI	IP D	04 38 33.0							
		ES	04 38 51.2							
01	ASB	EP	04 38 33.4							
		ES	04 38 52.4							
01	ASC	EP	04 38 34.5							
01	AND	EP	04 38 36.6							
01	ANA	EP	04 38 40.1							
01	RAT	IP	04 38 42.7							
.....										
. 01	6 31 36.50	51.57 N 179.05 E	DEPTH = 63.4 KM							FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 01	ACA	EP	06 31 45.9				11	153	-1	
. 01	ACF	EP	06 31 45.9				6	218	-0	
. 01	ACB	IP	06 31 46.0				12	166	-0	
. 01	ACC	IP	06 31 46.0				9	182	-0	
. 01	ASC	EP	06 31 46.2				14	145	.1	
. 01	ACD	IP	06 31 46.2				17	158	.0	
. 01	ACE	EP	06 31 46.3				21	155	-0	
. 01	ASB	EP	06 31 46.6	1.4	.1	2.06	27	149	-1	
. 01	ASD	EP	06 31 46.7	1.8	.1	2.17	28	134	-0	
. 01	ANA	IP C	06 31 46.8				27	284	.1	
.		IS	06 31 54.3						.2	
. 01	RAT	IP C	06 31 48.7	3.8	.1	2.57	56	298	-2	
. 01	SSI	IP	06 31 48.8	6.8	.1	2.81	52	46	.3	
.		IS	06 31 57.0						-3	
.....										
. 01	6 58 9.20	51.71 N 178.28 E	DEPTH = 82.2 KM							FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 01	RAT	IP	06 58 20.8	14.8	.1	3.16	11	17	-2	
. 01	ANA	IP	06 58 21.7				28	108	.2	
. 01	AND	IP	06 58 22.9				49	109	.1	
. 01	ASC	IP D	06 58 24.3				67	113	.1	
. 01	ASB	EP	06 58 25.0	4.0	.1	2.71	77	119	-1	
.		ES	06 58 36.5						-2	
. 01	ASD	IP C	06 58 25.4	12.3	.1	3.21	81	115	-1	
. 01	SSI	IP	06 58 26.5	8.3	.1	3.06	92	76	-1	
.		IS	06 58 39.3						.1	
.....										
01	SSI	IP	07 26 48.9	13.2	.1	3.17				
		IS	07 26 59.7							
01	ASD	EP	07 26 49.9	3.8	.1	2.66				
01	ASB	IP	07 26 50.8	9.0	.1	3.06				
		ES	07 27 3.1							
01	ASC	IP	07 26 51.1							
01	AND	EP	07 26 52.2							
01	ANA	EP	07 26 54.8							
.....										
. 01	7 32 39.94	51.98 N 178.30 E	DEPTH = 125.1 KM							FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 01	RAT	IP D	07 32 57.0	79.5	.1	4.05	20	174	-1	
.		IS	07 33 9.7						.0	
. 01	ANA	IP D	07 32 58.2				46	147	.2	
. 01	AND	IP D	07 32 59.0				65	135	-0	
. 01	ASC	IP	07 33 .3				83	133	.1	
. 01	SSI	IP D	07 33 .7	24.4	.1	3.62	89	96	-0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES. (SEC)	REMARKS
. 01	ASB	IP	07 33 1.1	20.4	.1	3.55	95	136	-.1	
		IS	07 33 16.6						-.0	
. 01	ASD	IP	07 33 1.3	21.7	.1	3.58	97	132	-.0	
.....										
. 01	9 51 58.41	51.12 N 178.08 E	DEPTH = 26.5 KM MB = 4.0						FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 01	ANA	IP C	09 52 10.7				69	35	.3	
. 01	RAT	IP C	09 52 11.5				78	13	-.1	
		IS	09 52 21.0						-.3	
. 01	AND	IP	09 52 11.7				78	51	-.0	
. 01	ACF	IP	09 52 11.8				78	54	.1	
. 01	ACC	IP	09 52 12.0				78	59	.3	
. 01	ACB	IP	09 52 12.1				80	61	.1	
. 01	ACA	IP	09 52 12.4				83	61	.0	
. 01	ASC	IP	09 52 12.6				85	63	-.1	
. 01	ASB	IP C	09 52 12.6	495.0	.2	4.41	86	71	-.2	
		IS	09 52 27.2						3.9	
. 01	ASD	IP	09 52 13.5				93	71	-.4	
. 01	SSI	IP C	09 52 20.3				135	50	.0	
.....										
. 01	16 10 15.79	52.08 N 179.60 E	DEPTH = 171.7 KM						FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 01	SSI	EP	16 10 38.7				21	183	.0	
. 01	AND	EP	16 10 40.4				73	218	-.1	
. 01	ASC	EP	16 10 40.7				75	204	.1	
. 01	ASD	EP	16 10 40.7	10.2	.1	3.32	79	193	-.1	
. 01	ANA	IP	16 10 41.0				82	233	.1	
. 01	ASB	IP	16 10 41.2	11.2	.1	3.36	84	197	.2	
		ES	16 10 59.3						-.2	
. 01	RAT	IP C	16 10 41.4	5.5	.1	3.06	93	251	-.2	
		ES	16 11 .6						.2	
.....										
. 01	17 6 5.80	50.67 N 178.16 E	DEPTH = 24.7 KM MB = 3.8						FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 01	ASB	IP C	17 06 23.5	308.9	.3	4.11	108	44	-.1	
		IS	17 06 36.1						-.4	
. 01	ANA	IP	17 06 23.5				112	18	-.7	
. 01	ACE	IP	17 06 23.5				108	41	-.0	
. 01	ACD	IP	17 06 23.8				109	39	.2	
. 01	ACB	IP	17 06 23.8				110	36	-.0	
. 01	ACC	IP	17 06 23.8				110	34	-.0	
. 01	ASD	IP C	17 06 24.3	231.8	.3	4.01	116	45	-.3	
. 01	ASC	IP	17 06 24.4				113	38	.1	
. 01	ACA	IP	17 06 24.4				113	36	.2	
. 01	ACF	IP	17 06 24.4				112	31	.3	
. 01	AND	IP C	17 06 24.5				114	29	.1	
. 01	RAT	IP	17 06 26.5	59.6	.1	3.94	127	5	.2	
		IS	17 06 41.2						-.0	
. 01	SSI	IP	17 06 32.4	26.8	.2	3.40	169	36	-.0	
.....										
. 01	19 49 35.89	51.43 N 178.77 E	DEPTH = 45.7 KM						FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 01	AND	IP C	19 49 43.6				20	40	-.1	
. 01	ACF	IP	19 49 43.7				19	54	.0	
. 01	ACC	IP	19 49 43.9				20	71	.2	
. 01	ACB	IP	19 49 44.0				22	80	.1	
. 01	ANA	IP D	19 49 44.1				24	341	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 01	ACD	IP	19 49 44.2				25	90	.1	
. 01	ACE	IP	19 49 44.2				28	96	-.1	
. 01	ACA	IP	19 49 44.2				25	76	.2	
. 01	ASC	IP	19 49 44.3				27	82	.0	
. 01	ASB	IP	19 49 44.7	13.3	.1	2.96	34	102	-.1	
.		IS	19 49 50.6						-.7	
. 01	ASD	IP	19 49 45.4	12.5	.1	2.95	40	96	.0	
. 01	RAT	IP	19 49 46.3				52	324	-.3	
. 01	SSI	IP	19 49 49.7				76	47	.1	
.		IS	19 49 59.5						-.1	

.....

1 23 34 31.70 60.89 N 150.17 W DEPTH = 66.0 KM TELESEISMIC SOLUTION
KENAI PENINSULA, ALASKA

.....

01	SSI	IP	23 47 9.8							
		IS	23 47 14.4							
01	ASD	IP C	23 47 13.1	29.8	.1					
01	ASC	IP	23 47 14.2							
01	ASB	IP C	23 47 14.3	57.8	.1					TAMP ESTIMATED
		IS	23 47 22.6							
		I	23 47 38.1							
01	ACA	IP	23 47 14.4							
01	ACE	IP	23 47 14.5							
01	ACB	IP	23 47 14.8							
01	ACD	IP	23 47 14.8							
01	ACC	IP	23 47 15.0							
01	AND	IP	23 47 15.3							
01	ACF	IP	23 47 15.3							
01	ANA	IP D	23 47 18.1							
01	RAT	IP	23 47 21.4							
		IS	23 47 34.9							

.....

02 1 5 37.28 52.01 N 179.27 E DEPTH = 181.6 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

.....

. 02	AND	EP	01 06 2.4				54	204	.1	
. 02	ANA	IP	01 06 2.5				59	225	.0	
. 02	ASC	EP	01 06 2.6				61	187	.1	
. 02	ASD	IP	01 06 2.8	3.5	.1	2.87	69	175	-.1	PROB. DEEP
.		ES	01 06 21.5						-.1	
. 02	RAT	IP C	01 06 2.8	25.4	.1	3.73	68	251	-.1	
. 02	ASB	IP	01 06 3.0	3.0	.1	2.80	72	181	-.0	
.		ES	01 06 21.9						.1	
.....										
02	SSI	EP	01 14 22.7	14.8	.3					00
02	ASB	EP	01 14 25.8	13.1	.3					NO S.QTAMPS
02	ASD	EP	01 14 25.9	5.6	.3					POSS. REGIONAL

.....

02 1 30 5.13 51.26 N 179.96 E DEPTH = 40.3 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

.....

. 02	ASD	IPGD	01 30 14.8	27.2	.1	3.29	45	288	-.0	
.		ES	01 30 21.7						-.2	
. 02	ASB	IPG	01 30 15.6	29.3	.1	3.35	51	283	.1	
.		ES	01 30 23.1						.1	
. 02	ACE	IPGC	01 30 16.2				57	286	-.0	
. 02	ACD	IPGC	01 30 16.7				60	288	.0	
. 02	ASC	IPGC	01 30 16.8				59	292	.2	
. 02	ACA	IPGC	01 30 17.2				63	293	.1	
. 02	ACB	IPG	01 30 17.4				64	290	.2	
. 02	ACC	IPG	01 30 17.7				68	291	-.0	
. 02	ACF	IPG	01 30 18.3				73	294	-.1	
. 02	SSI	IP D	01 30 18.5	85.6	.1	3.93	74	340	-.1	
.		ES	01 30 28.6						.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 02	AND	IPG	01 30 18.6				77	296	-.4	
. 02	ANA	EP	01 30 21.5				99	295	-.2	
. 02	RAT	IP C	01 30 25.5	37.7	.1	3.75	128	298	.2	QDIR
.....										
. 02	4	8	15.39	51.54 N 179.58 W DEPTH = 28.4 KM				FREE DEPTH SOLUTION		
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
. 02	SSI	EP	04 08 27.4	1.7	.1	2.18	70	304	-.1	
		ES	04 08 36.4						.0	
. 02	ASD	EP	04 08 28.7	2.9	.1	2.45	77	258	.1	
. 02	ASB	EP	04 08 29.2	2.6	.1	2.43	84	257	-.4	
		ES	04 08 39.9						-.1	
. 02	ASC	EP	04 08 30.7				88	265	.5	QP
. 02	RAT	EP	04 08 39.0	3.8	.1	2.80	147	282	-.0	
.....										
. 2	4	44	2.40	63.54 N 151.38 W DEPTH = 33.0 KM				TELESEISMIC SOLUTION		
				CENTRAL ALASKA						
.....										
02	ASD	EP	05 22 18.5	2.8	.1	2.49				QP
		ES	05 22 29.0							
02	ASB	EP	05 22 19.2	3.2	.1	2.57				QP
02	ASC	EP	05 22 19.9							QP
02	SSI	EP	05 22 22.5	12.9	.1	3.32				
		ES	05 22 38.5							
02	RAT	EP	05 22 30.8	3.9	.1					
02	SSI	EP	05 49 12.5	7.3	.2					
02	ASD	EP	05 49 15.6	8.1	.3					
02	ASB	EP	05 49 16.3	12.5	.3					POSS.REGIONAL
02	ASC	EP	05 49 17.2							NO VISIBLE S
02	AND	EP	05 49 18.5							
02	ANA	EP	05 49 20.0							
02	RAT	EP	05 49 23.6	8.2	.3					
02	SSI	EP	06 19 38.0	3.2	.1	2.70				
		ES	06 19 53.6							
02	ASD	EP	06 19 39.5	1.8	.2	2.19				QP. EMERGENT
02	ASB	EP	06 19 40.0	1.2	.1	2.32				QP
		ES	06 19 57.4							
02	ASC	EP	06 19 41.2							QP
.....										
. 02	6	52	1.26	51.03 N 179.41 W DEPTH = 25.0 KM				FIXED DEPTH SOLUTION		
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
. 02	ASD	E(P)	06 52 17.0	.4	.1	1.68	96	295	-.1	QP
. 02	ASB	E(P)	06 52 17.9				100	292	.1	QP
. 02	ASC	E(P)	06 52 19.3				110	296	.0	QP
. 02	SSI	IP	06 52 20.5	11.5	.1	3.20	118	324	.0	
		ES	06 52 34.5						.0	
.....										
. 02	7	47	27.39	51.53 N 176.09 W DEPTH = 75.0 KM				FIXED DEPTH SOLUTION		
				ANDREANOF ISLANDS, ALEUTIAN ISLANDS						
. 02	SSI	EPN	07 48 9.0				301	279	-.0	
		IP	07 48 10.2	8.6	.2					
. 02	ASD	EP	07 48 11.0	3.1	.2		317	269	-.0	QP. EMERGENT.QP
		E(S)	07 48 42.9						-.0	
. 02	ASB	EP	07 48 11.8	3.7	.2		324	268	-.1	QP
. 02	ASC	EP	07 48 12.6				329	271	.1	QP
.....										
02	ASD	EP	07 50 51.1	2.0	.1	2.54				

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	07 51 8.7							
02	ASC	EP	07 50 51.4							QP
02	AND	EP	07 50 51.7							QP
02	ANA	EP	07 50 52.0							QP
		ES	07 51 11.8							
02	RAT	EP	07 50 53.8	4.0	.1					
02	SSI	IP	07 50 59.4	15.4	.1					

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02	8 46 37.32	51.79 N 177.53 W	DEPTH = 75.0 KM	FIXED DEPTH SOLUTION						
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
02	SSI	EP	08 47 6.4	3.5	.1	2.90	199	274	-.2	
		E(S)	08 47 28.0						.1	
02	ASD	EP	08 47 8.9	1.3	.1		221	260	-.4	QP.QS.EMERGENT
		E(S)	08 47 32.5						-.1	
02	ASC	EP	08 47 11.1				232	262	.6	QP

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02	8 52 20.61	51.56 N 178.95 E	DEPTH = 20.9 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
02	AND	EPG	08 52 24.0				0	83	-.1	VERY LOCAL
		IS	08 52 26.7						-.0	
02	ACF	EPG	08 52 24.3				5	142	.1	
		ES	08 52 27.0						.1	
02	ACA	EPG	08 52 24.9				15	127	-.0	
02	ACB	EPG	08 52 24.9				15	138	-.0	
02	ASC	EPG	08 52 25.4				19	126	.1	VERY EMERGENT
02	ACD	EPG	08 52 25.5				20	139	.0	
02	ANA	EPG	08 52 25.6				21	290	-.0	
02	ACE	EPG	08 52 25.9				24	139	-.0	
02	ASB	EPG	08 52 26.8	2.8	.1	2.11	31	137	-.0	
		IS	08 52 31.1						-.2	
02	ASD	EPG	08 52 27.2	1.7	.1	1.91	33	125	.0	

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02	10 0 32.25	51.58 N 178.50 E	DEPTH = 63.7 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ANA	IPGD	10 00 41.8				12	67	-.0	
02	RAT	IPG	10 00 42.4	11.4	.1	2.97	27	335	-.0	
		IS	10 00 49.8						-.1	
02	AND	IPGD	10 00 42.8				32	94	.1	
02	ACF	EPG	10 00 42.9				35	100	-.0	
02	ACC	EPG	10 00 43.3				39	106	.0	
02	ACB	EPG	10 00 43.6				43	108	.0	
02	ACA	EPG	10 00 43.8				45	104	.1	
02	ACD	EPG	10 00 43.9				48	111	-.0	
02	ASC	EPGC	10 00 44.1				48	106	.1	QDIR
02	ACE	EPG	10 00 44.1				51	113	-.1	
02	ASB	IPGC	10 00 44.7	2.6	.1	2.41	58	115	-.1	
		ES	10 00 53.9						-.1	
02	ASD	IPGC	10 00 45.2	1.8	.1	2.27	62	110	-.1	
		ES	10 00 54.8						.0	
02	SSI	IP	10 00 47.4	17.4	.1	3.32	83	65	-.0	

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02	RAT	EPG	10 34 11.2	16.4	.1	3.22				
		FS	10 34 20.8							
02	ANA	EP	10 34 13.8							VERY EMERGENT
		ES	10 34 25.8							
02	AND	EP	10 34 16.2							
02	SSI	E(P)	10 34 21.8	3.4	.1					

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
02	11 53	25.47	52.05 N 178.63 E	DEPTH = 148.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ANA	EP	11 53 46.2				47	178	-.1	
02	AND	EP	11 53 46.6				58	158	-.2	
02	SSI	E(P)	11 53 47.2	5.1	.1	2.96	68	104	-.1	
02	ASC	EP	11 53 48.2				75	150	.5	
		ES	11 54 4.4						.5	
02	ASB	EP	11 53 48.4	6.2	.1	3.07	88	151	-.1	
		ES	11 54 4.7						-.6	
02	ASD	EP	11 53 48.4				88	146	-.1	
.....										
02	12 10	52.60	51.24 N 177.76 W	DEPTH = 35.0 KM			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
02	SSI	IP C	12 11 21.4	30.6	.1	3.82	198	293	-.5	
02	ASD	EP	12 11 22.1	6.3	.1		203	276	-.4	
02	ASB	EP	12 11 22.9	6.0	.1		209	275	-.4	
		E(S)	12 11 44.2						-1.4	
02	ASC	EP	12 11 24.0				216	278	-.1	
02	AND	EP	12 11 25.8				231	280	-.2	
02	ANA	EP	12 11 28.7				252	281	.1	QP
02	RAT	EP	12 11 31.8	12.4	.1		278	284	.0	
.....										
02	AND	EPG	12 19 40.9							
02	ANA	EPG	12 19 41.4							
02	ACF	EPG	12 19 51.0							
02	ACB	EPG	12 19 51.1							
		ES	12 19 56.9							
02	ACC	EPG	12 19 51.1							
02	ACA	EPG	12 19 51.3							
		ES	12 19 57.1							
02	ACD	EPG	12 19 51.4							
02	ACE	EPG	12 19 51.4							
02	ASD	EP	12 19 52.4							VERY WEAK P+S
		ES	12 19 58.9							
02	SSI	E(P)	12 19 57.6	3.1	.1	2.47				QP
		E(S)	12 20 6.5							
.....										
02	12 41	37.84	51.32 N 179.85 E	DEPTH = 18.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ASD	EPG	12 41 44.7	1.3	.1	1.81	37	283	-.0	
		ES	12 41 49.9						.1	
02	ASB	EPG	12 41 45.7	2.3	.1	2.12	43	277	.1	
		ES	12 41 51.1						-.2	
02	ACE	EP	12 41 46.4				48	281	-.1	
02	ASC	EPG	12 41 46.8				51	289	-.0	
02	ACD	EP	12 41 47.0				51	284	.1	
02	ACA	EP	12 41 47.3				54	290	-.0	
02	ACB	EP	12 41 47.5				56	287	-.0	
02	ACC	EP	12 41 48.2				59	289	.1	
02	ACF	EP	12 41 49.0				64	292	.2	
02	SSI	EP	12 41 49.2	2.0	.1	2.22	67	344	-.0	
.....										
02	12 47	34.96	51.75 N 179.35 W	DEPTH = 88.2 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
02	SSI	IP	12 47 51.1	6.6	.1	2.94	75	282	-.0	
		IS	12 48 3.0						.1	
02	ASD	EP	12 47 53.4	4.1	.1	2.78	99	246	-.0	
		ES	12 48 6.8						-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 02	ASB	EP	12 47 54.2	3.3	.1	2.71	106	246	-.0	
.		ES	12 48 8.3						.1	
. 02	ASC	EP	12 47 54.4				108	253	.1	
. 02	AND	EP	12 47 55.5				119	260	-.0	
. 02	ANA	EP	12 47 57.8				138	265	.2	
. 02	RAT	EP	12 47 59.9	5.7	.1	3.05	160	273	-.2	

..... TELESEISMIC SOLUTION

. 02 13 19 7.20 51.09 N 179.61 W DEPTH = 22.0 KM
DELAROF ISLANDS, ALEUTIAN ISLANDS

. 02	ASD	IP D	13 19 21.2				80	295	.5	WHITE OUT
. 02	ASB	IP D	13 19 21.8	351.6	.2	4.25	85	291	.4	QS
.		E(S)	13 19 29.9						-1.9	
. 02	ACE	IP	13 19 22.7				92	292	.3	
. 02	ACD	IP C	13 19 23.3				95	293	.4	
. 02	ASC	IP C	13 19 23.4				95	296	.5	
. 02	ACA	IP C	13 19 23.9				99	296	.5	
. 02	ACR	IP C	13 19 23.9				99	295	.3	
. 02	ACC	EP	13 19 24.5				103	295	.3	
. 02	SSI	IP D	13 19 24.9				105	328	.5	WHITE OUT
.		IS	13 19 38.0						1.1	
. 02	ACF	IP	13 19 25.1				109	297	.2	
. 02	AND	IP D	13 19 25.4				113	298	-.2	QDIR
. 02	ANA	EP D	13 19 28.5				134	297	-.3	QDIR
. 02	RAT	IP D	13 19 32.3				163	299	-.9	WHITE OUT
.		I(S)	13 19 53.6						1.5	
. 02	ADK	EP	13 19 38.9				221	65	-1.6	
.		ES	13 20 6.9						2.2	
. 02	SMY	E(P)	13 20 13.0				469	295	2.0	

..... FREE DEPTH SOLUTION

. 02 13 23 19.73 52.05 N 179.43 E DEPTH = 164.8 KM
RAT ISLANDS, ALEUTIAN ISLANDS

. 02	AND	EP	13 23 43.0				63	212	-.1	
. 02	ASD	EP	13 23 43.5	2.7	.1	2.72	73	185	-.1	
. 02	ANA	EP	13 23 43.6				71	229	.1	
. 02	ASC	EP	13 23 43.7				68	195	.3	
. 02	ASB	EP	13 23 43.8	2.6	.1	2.71	77	190	-.1	
.		ES	13 24 1.5						-.0	
. 02	RAT	IP	13 23 44.0	13.4	.1	3.43	80	251	-.1	
.		ES	13 24 1.8						-.0	

..... FREE DEPTH SOLUTION

. 02 15 33 53.81 51.19 N 178.67 E DEPTH = 22.5 KM
RAT ISLANDS, ALEUTIAN ISLANDS

. 02	ACB	EPG	15 34 1.7				42	44	-.0	QS
.		ES	15 34 7.8						.3	
. 02	ACD	EPG	15 34 1.8				42	51	.1	
. 02	ACA	EPG	15 34 2.0				45	44	-.1	QS
.		ES	15 34 8.2						-.0	
. 02	AND	EPG	15 34 2.1				46	26	-.2	QS.VERY EMERGNT
.		E(S)	15 34 8.2						-.2	
. 02	ASC	EPG	15 34 2.2				46	49	-.1	SMALL LOCAL
. 02	ANA	EPG	15 34 2.8				49	360	.2	
. 02	SSI	E(P)	15 34 10.5				101	39	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
02	15 56	16.71	51.74 N 178.73 E	DEPTH = 151.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ANA	EPG	15 56 20.4				14	201	.0	
		ES	15 56 23.3						.3	
02	AND	EPG	15 56 21.6				25	143	-.2	
		ES	15 56 25.1						-.5	
02	RAT	IPG	15 56 22.1	4.9	.1	2.30	28	283	-.2	
		ES	15 56 26.5						.1	
02	ACA	EPG	15 56 24.1				39	137	.2	
02	ACB	EPG	15 56 24.2				40	141	.2	
02	SSI	IPG	15 56 27.3	4.9	.1	2.57	61	74	.1	
.....										
02	16 4	56.47	52.10 N 179.59 E	DEPTH = 100.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	AND	EP	16 05 13.8				74	216	.1	QP
02	ASC	EP	16 05 14.0				77	202	.1	QP.QS.V.EMERGNT
		E(S)	16 05 26.6						-.0	
02	ASD	FP	16 05 14.1	.7	.1	2.00	81	192	-.1	QP.POOR TAMP
02	ANA	EP	16 05 14.4				83	231	.0	QP
02	RAT	EP	16 05 15.2	4.9	.1	2.87	93	249	-.1	
.....										
02	16 6	11.57	52.00 N 178.40 E	DEPTH = 132.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	RAT	EP	16 06 29.7	5.8	.1	2.94	23	192	-.1	
		ES	16 06 43.1						.1	
02	ANA	EP	16 06 30.5				45	157	.0	
02	AND	EP	16 06 31.2				62	142	-.1	
02	ASC	EP	16 06 32.5				80	138	.1	
02	SSI	EP	16 06 32.6	8.0	.1	3.14	82	98	.0	
02	ASD	FP	16 06 33.4	3.8	.1	2.83	94	136	-.0	
02	ASB	EP	16 06 33.4	4.8	.1	2.93	92	140	.1	
		FS	16 06 49.1						-.1	
.....										
02	16 18	8.52	51.44 N 178.82 E	DEPTH = 41.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	AND	EPG	16 18 15.5				16	34	-.1	V.SMALL.EMERGNT
02	ACF	EPG	16 18 15.7				15	52	.1	
02	ACB	EPG	16 18 15.9				19	83	.1	
02	ANA	EPG	16 18 16.0				23	331	-.1	
02	ACA	EPG	16 18 16.0				21	78	.1	
02	ACE	EPG	16 18 16.0				25	101	-.2	
02	ACD	EPG	16 18 16.1				22	94	.1	
02	ASC	EPG	16 18 16.2				24	84	.1	QP
02	ASB	EPG	16 18 16.8	.4	.1	1.40	31	107	.0	QP
		ES	16 18 22.6						-.2	
02	ASD	EPG	16 18 17.2	.7	.1	1.67	36	99	-.1	
02	SSI	EPG	16 18 21.8	2.1	.1	2.31	73	46	-.0	
		E(S)	16 18 31.5						-.0	
.....										
02	16 24	17.09	52.00 N 179.34 E	DEPTH = 157.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	SSI	EP	16 24 38.2	125.4	.2	4.04	21	125	-.0	
02	AND	IP D	16 24 39.2				56	209	-.1	
02	ASC	IP C	16 24 39.6				61	192	.1	
02	ANA	IP D	16 24 39.7				63	229	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 02	ASD	IP D	16 24 39.8				68	180	-.1	
		ES	16 24 56.6						-.1	
. 02	ASB	IP D	16 24 40.0	67.2	.1	4.10	72	185	-.1	
		ES	16 24 56.8						-.0	
. 02	RAT	IP D	16 24 40.2				73	253	.0	WHITE OUT
		ES	16 24 56.9						-.1	
.....										
. 02	16 35	17.92	51.21 N 179.00 E	DEPTH = 36.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 02	ASB	IPG	16 36 25.0	3.2	.1	2.24	24	46	.1	
		ES	16 36 30.1						.0	
. 02	ACE	EPG	16 36 25.0				25	30	.0	
. 02	ACD	IPG	16 36 25.2				26	22	.1	
. 02	ACC	EPG	16 36 25.4				31	6	-.2	
. 02	ACB	EPG	16 36 25.5				29	13	.1	
		ES	16 36 31.0						.2	
. 02	ASD	IPG	16 36 25.6	3.1	.1	2.26	31	50	-.0	
		ES	16 36 31.0						-.3	
. 02	ASC	IPG	16 36 25.6				31	22	.0	
. 02	ACA	EPG	16 36 25.7				32	16	.1	
. 02	ACF	EPG	16 36 26.1				35	360	.0	
. 02	AND	IPG	16 36 26.3				40	356	-.2	
. 02	SSI	E(P)	16 36 32.9	4.9	.1	2.72	86	24	.1	
.....										
. 02	18 27	.66	51.08 N 179.43 E	DEPTH = 42.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 02	ASB	EPG	18 27 9.4	1.2	.1	1.90	34	338	.0	
		ES	18 27 15.7						-.0	
. 02	ASD	EPG	18 27 9.5	1.7	.1	2.05	36	350	-.0	
		FS	18 27 16.0						.0	
. 02	ACE	EPG	18 27 10.1				40	334	.1	
.....										
. 2	19 6	32.90	61.03 N 151.26 W	DEPTH = 29.0 KM			TELESEISMIC SOLUTION			
			SOUTHERN ALASKA							
.....										
. 02	19 46	42.39	51.44 N 178.78 E	DEPTH = 44.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
. 02	AND	IPGC	19 46 50.0				18	40	.0	
. 02	ACF	IPG	19 46 50.1				18	56	.2	
. 02	ACB	EPG	19 46 50.3				22	82	.1	
. 02	ANA	IPGC	19 46 50.5				23	338	.2	
. 02	ACA	IPG	19 46 50.5				24	78	.1	
. 02	ACD	EPG	19 46 50.5				25	92	.1	
. 02	ACE	IPG	19 46 50.5				27	98	-.1	
. 02	ASC	IPGC	19 46 50.7				27	84	.1	
. 02	ASB	IPG	19 46 51.0	10.8	.1	2.86	33	104	-.1	
		ES	19 46 56.9						-.6	
. 02	ASD	IPG	19 46 51.6	22.1	.1	3.20	39	97	-.1	
. 02	RAT	IPG	19 46 53.0	15.9	.1	3.11	51	322	-.0	
		ES	19 47 .2						-.6	
. 02	SSI	IPGC	19 46 56.0	27.5	.1	3.45	75	47	.1	
		ES	19 47 5.8						-.0	
.....										
02	SSI	E(P)	21 58 47.0	.5	.1		GP. POOR QUAKE			
02	ASD	EPN	21 58 48.3							
		EP	21 58 49.5	7.4	.2					

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	ASB	EPN	21 58 49.2							QPN
		EP	21 58 50.1	13.6	.2					
		E(S)	21 59 16.1							

.....										
02	22	6	40.58	51.82 N	177.04 E	DEPTH = 75.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	RAT	IP C	22 06 56.8	397.3	.1	4.72	89	91	-.3	TAMP ESTIMATED
		IS	22 07 8.8						-.3	
02	ANA	IP D	22 06 59.8				114	100	-.0	
02	AND	IP	22 07 2.0				135	101	-.2	
02	ASC	EP	22 07 4.5				152	104	.3	
02	ASB	IP	22 07 5.2	11.2	.1	3.34	161	108	-.1	
		ES	22 07 23.4						.1	
02	ASD	EP	22 07 5.8	9.7	.1	3.28	166	106	-.1	
02	SSI	EP	22 07 7.4	15.5	.1	3.51	175	86	.4	

.....										
02	22	54	19.30	53.86 N	177.33 E	DEPTH = 33.0 KM MR = 4.1	TELESEISMIC SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	RAT	EP	22 54 51.8	136.3	.3		239	163	-2.1	
02	ANA	EP	22 54 55.8				264	160	-1.2	
02	AND	EP	22 54 58.2				278	156	-.5	
02	ASC	EP	22 55 1.5				294	154	.8	OP.
02	ASB	EP	22 55 1.8	15.7	.3		307	154	-.4	
		E	22 55 58.1							
02	ASD	EP	22 55 3.4	12.7	.3		307	153	1.2	OP

.....										
02	23	58	58.83	51.54 N	178.50 E	DEPTH = 63.1 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ANA	IPG	23 59 8.1				15	49	-.3	
02	AND	EPG	23 59 9.2				31	85	-.0	
02	RAT	EPG	23 59 9.3	21.4	.1	3.25	31	337	.1	
02	ACF	EPG	23 59 9.5				34	92	.1	
02	ACB	EPG	23 59 10.0				42	102	.0	OP
02	ACD	IPG	23 59 10.2				46	106	-.1	
02	ASC	EPG	23 59 10.3				47	100	-.1	
		ES	23 59 19.1						.3	
02	ACE	IPG	23 59 10.4				49	108	-.2	
02	ACA	EPG	23 59 10.5				43	99	.4	
02	ASB	IPG	23 59 11.0	3.8	.1	2.57	55	111	-.2	
		ES	23 59 20.1						-.0	
02	ASD	EPG	23 59 11.5	4.2	.1	2.63	60	106	-.1	
02	SSI	IPG	23 59 14.4	10.7	.1	3.11	84	62	.2	
		ES	23 59 25.0						-.4	

.....										
03	0	25	30.79	51.41 N	179.81 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
03	ASD	IP D	00 25 41.2	2.5	.1	2.29	59	268	-.1	
03	ASB	IP D	00 25 42.3	5.1	.1	2.63	66	265	.1	
		IS	00 25 50.6						.0	
03	ASC	EP	00 25 43.1				72	275	.0	
.....										
03	ASB	IP	03 05 56.6	6.2	.1	2.49				
		IS	03 06 1.0							
03	ASD	EP	03 05 57.0	2.2	.1	2.07				

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	4 10	3.53	51.52 N 179.20 W	DEPTH = 68.4 KM			FREE DEPTH SOLUTION			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
03	ASD	EP	04 10 21.1	1.1	.1	2.19	102	263	-.0	
03	ASB	EP	04 10 21.9	3.0	.1	2.64	109	261	-.0	
		ES	04 10 35.3						-.0	
03	ASC	EP	04 10 22.4				113	268	-.0	
.....										
03	4 24	28.94	51.21 N 178.43 E	DEPTH = 29.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ANA	IP	04 24 38.6				49	19	.4	
03	AND	EP	04 24 38.9				53	42	.1	
03	ASB	EP	04 24 39.6	2.2	.1	2.24	59	73	.0	
		ES	04 24 47.1						-.3	
03	ASC	EP	04 24 39.8				58	61	.3	
03	RAT	IP	04 24 40.2				66	354	-.4	
03	ASD	EP	04 24 40.3	.8	.1	1.86	66	72	-.3	
03	SSI	IP	04 24 47.3				110	46	.2	
		FS	04 25 .2						-.1	
.....										
03	4 43	58.91	52.09 N 177.60 E	DEPTH = 120.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	RAT	IP	04 44 17.1	22.4	.1	3.53	60	123	-.1	
03	ANA	EP	04 44 19.4				89	125	.1	
		IS	04 44 34.1						-.0	
03	AND	EP	04 44 21.0				110	122	-.0	
03	ASC	EP	04 44 22.9				128	123	.2	
03	ASB	EP	04 44 23.6	1.2	.1	2.38	140	125	-.2	
03	SSI	IP	04 44 23.6	3.9	.1	2.89	138	99	-.0	
		I	04 44 29.1							
03	ASD	EP	04 44 24.1	1.4	.1	2.45	143	122	-.0	
.....										
03	5 0	54.56	51.99 N 179.29 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
03	SSI	IP	05 01 8.3				78	262	-.2	
		IS	05 01 18.3						-.4	
03	ASD	IP	05 01 12.9	2.9	.1	2.62	116	235	-.3	
03	ASC	EP	05 01 13.7				122	242	-.2	
03	ASB	EP	05 01 13.9	7.0	.1	3.02	123	236	-.2	
		ES	05 01 28.6						.3	
03	AND	EP	05 01 14.9				130	249	-.0	
03	ANA	EP	05 01 18.0				147	255	1.0	
.....										
03	6 47	37.15	51.42 N 178.77 E	DEPTH = 45.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	AND	EP	06 47 45.0				20	40	-.0	
03	ANA	EP	06 47 45.3				24	342	.0	
03	ACB	IP	06 47 45.3				23	79	.1	
03	ACA	EP	06 47 45.5				25	75	.1	
03	ACD	EP	06 47 45.5				26	89	.1	
03	ACE	EP	06 47 45.5				28	95	-.1	
03	ASC	EP	06 47 45.9				28	81	.3	
03	ASB	EP	06 47 45.9	2.8	.1	2.28	34	102	-.2	
		FS	06 47 52.1						-.5	
03	ASD	EP	06 47 46.7	.8	.1	1.78	40	95	.0	
03	RAT	IP C	06 47 47.7				52	324	-.2	

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER MAG (SEC)	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 03	SSI	EP	06 47 51.0			77	47	.1	
.		IS	06 48 .9					-.1	
.....									
. 03	7 4 35.47	51.37 N 177.36 E DEPTH = 0.0 KM				FIXED DEPTH SOLUTION			
.	RAT ISLANDS, ALEUTIAN ISLANDS								
. 03	RAT	IP C	07 04 50.5	37.2	.1 3.55	83	54	.1	
.		IS	07 05 1.5					.2	
. 03	ANA	EP	07 04 52.3			95	72	.1	VERY EMERGENT
. 03	AND	EP	07 04 54.5			113	78	-.4	
. 03	ASC	EP	07 04 57.5			126	84	.6	
. 03	ASB	EP	07 04 57.9	5.6	.2 2.61	131	90	.2	
.		ES	07 05 13.8					-.2	
. 03	SSI	EP	07 05 2.3			165	68	-.5	
.....									
. 03	9 1 36.72	52.09 N 179.47 E DEPTH = 168.7 KM				FREE DEPTH SOLUTION			
.	RAT ISLANDS, ALEUTIAN ISLANDS								
. 03	SSI	IP	09 01 59.3			23	159	.0	
. 03	AND	EP	09 02 .8			68	211	-.0	
. 03	ASC	IP	09 02 1.1			73	197	.1	
. 03	ASD	IP D	09 02 1.2	58.2	.1 4.07	78	186	-.1	QTAMP
. 03	ANA	EP	09 02 1.3			75	227	.1	
. 03	ASB	IP	09 02 1.6	67.4	.1 4.14	82	191	.0	
.		IS	09 02 19.7					-.0	
. 03	RAT	IP	09 02 1.6			84	248	-.1	
.		IS	09 02 19.9					-.0	
.....									
. 03	9 10 14.30	51.46 N 177.08 W DEPTH = 36.0 KM MB = 4.2				TELESEISMIC SOLUTION			
.	ANDREANOF ISLANDS, ALEUTIANS ISLANDS								
. 03	ADK	EP	09 10 25.4			55	30	.6	
.		ES	09 10 33.8					1.3	
. 03	SSI	IP C	09 10 47.9			235	283	-.2	
.		FS	09 11 14.2					1.5	
. 03	ASD	EP	09 10 49.7	51.0	.2	248	270	-.0	
. 03	ASB	EP	09 10 50.5	93.0	.2	255	269	-.1	
.		ES	09 11 18.1					1.1	
. 03	ASC	EP	09 10 51.5			260	272	.3	
. 03	AND	EP	09 10 53.1			275	274	.1	
. 03	ANA	EP	09 10 56.1			295	275	.6	
. 03	RAT	IP	09 10 58.7			319	279	.2	
.....									
. 03	9 18 45.53	51.72 N 179.84 W DEPTH = 102.9 KM				FREE DEPTH SOLUTION			
.	DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 03	SSI	IP C	09 19 1.0			44	296	-.0	
. 03	ASD	IP C	09 19 2.4	40.5	.1 3.75	67	238	-.1	
. 03	ASB	IP	09 19 3.0	56.4	.1 3.90	75	238	-.1	
.		IS	09 19 15.6					-.2	
. 03	ASC	IP C	09 19 3.1			75	248	.1	
.		ES	09 19 16.0					.2	
. 03	AND	IP	09 19 3.9			85	259	-.0	
. 03	ANA	IP D	09 19 5.9			104	265	.3	
.		IS	09 19 20.6					.3	
. 03	RAT	IP C	09 19 7.7			127	275	-.1	
.		IS	09 19 23.8					-.3	</

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
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03	9 26 39.99		51.44 N 178.58 E	DEPTH = 26.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ANA	IP	09 26 45.9				22	15	.2	
03	AND	IP	09 26 46.6				29	62	.1	
03	ACC	IP	09 26 47.1				33	81	.2	
03	ACB	IP	09 26 47.5				36	86	.2	
03	ACA	IP	09 26 47.7				38	83	.1	
03	ACO	EP	09 26 47.8				39	92	.1	
03	ACE	EP	09 26 47.9				41	96	-.2	
03	ASC	IP	09 26 48.1				41	86	.1	
03	RAT	IP	09 26 48.3	7.4	.1	2.66	44	337	-.1	
		IS	09 26 53.9						-.5	
03	ASB	IP	09 26 48.6	1.9	.1	2.09	47	100	-.2	
		IS	09 26 54.7						-.6	
03	ASD	EP	09 26 49.4	3.9	.1	2.45	53	95	-.3	
03	SSI	IP	09 26 54.6				86	54	.1	
		IS	09 27 4.9						-.1	

03	10 52 25.35		51.83 N 179.31 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
03	SSI	IP	10 52 39.1				76	276	-.1	
		IS	10 52 49.2						-.1	
03	ASD	EP	10 52 42.5	2.8	.1	2.57	105	243	-.2	NO S.
03	ASB	EP	10 52 43.4	31.5	.3	3.16	113	243	-.2	
03	ASC	EP	10 52 44.0				113	250	.4	
03	AND	EP	10 52 44.9				124	257	-.0	
03	ANA	EP	10 52 47.2				142	262	.0	

03	ADK	EP	11 08 20.3							
		ES	11 08 43.7							
03	ASD	EP	11 08 54.5	4.9	.1					
		ES	11 09 57.1							
03	ASB	EP	11 08 55.6	7.4	.2					
03	ASC	EP	11 08 56.5							
03	AND	EP	11 08 58.5							
03	ANA	EP	11 09 1.4							
03	SSI	IP C	11 09 2.9							
		I	11 09 58.1							
03	ASD	EP	11 58 54.6	3.9	.1					
03	ASB	EP	11 58 55.6	18.6	.2					
03	ASC	IP	11 58 56.2							
03	AND	EP	11 58 57.1							

03	12 25 33.00		51.17 N 178.64 E	DEPTH = 32.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ACE	IP	12 25 41.9				45	56	-.1	
03	ACB	IP	12 25 42.1				45	44	.1	
03	ACC	IP	12 25 42.1				44	39	.2	
03	ACO	IP	12 25 42.1				45	51	.1	
		IS	12 25 48.6						.1	
03	ASB	IP	12 25 42.3	3.7	.1	2.41	47	64	.0	
		ES	12 25 48.7						-.3	
03	AND	IP	12 25 42.4				48	27	-.0	
03	ACA	IP	12 25 42.4				48	44	.0	
03	ASC	EP	12 25 42.5				49	49	.0	
03	ANA	EP	12 25 42.5				50	2	-.2	
03	ASD	EP	12 25 43.1				55	54	-.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	12 48 59.86		51.18 N 179.42 E				39.8 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ASD	IP	12 49 7.1	6.2	.1	2.54	24	346	-.2	
		IS	12 49 12.5						-.2	
03	ASB	EP	12 49 7.1	5.5	.1	2.49	23	328	-.1	
03	ACE	EP	12 49 7.7				30	324	-.1	
03	ACD	IP	12 49 8.3				34	324	.1	
03	ASC	EP	12 49 8.5				36	330	.1	
03	ACB	EP	12 49 8.8				39	323	.1	
03	ACA	EP	12 49 9.0				39	327	.2	
03	ACC	EP	12 49 9.2				43	322	.0	
03	ACF	EP	12 49 10.2				48	322	.3	
03	AND	EP	12 49 10.5				53	322	.0	
03	ANA	EP	12 49 13.2				72	313	.2	
		ES	12 49 22.3						-.3	
03	SSI	IP C	12 49 14.1	14.6	.1	3.18	80	8	.1	
		IS	12 49 24.3						-.0	
03	RAT	IP	12 49 16.7				102	312	-.2	
03	13 0 24.09		51.34 N 178.45 W				50.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
03	ASD	EP	13 00 47.3	1.1	.1	2.30	153	273	-.0	
		ES	13 01 4.3						.1	
03	ASB	EP	13 00 48.1	3.4	.2	2.49	160	272	-.0	
03	ASC	EP	13 00 48.9				166	276	.0	
		IS	13 01 6.9						-.0	
03	13 24 1.90		51.38 N 178.53 E				37.4 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ANA	IP	13 24 9.7				29	19	.2	
03	AND	EP	13 24 10.2				36	55	-.0	
		IS	13 24 16.0						-.3	
03	ACF	IP	13 24 10.5				36	63	.2	
03	ACC	IP	13 24 10.6				37	72	.2	
03	ACB	IP	13 24 10.9				40	77	.2	
03	ACD	IP	13 24 11.0				43	83	.0	
03	ACE	IP	13 24 11.1				45	87	-.2	
03	ACA	IP	13 24 11.1				42	75	.1	
03	ASC	EP	13 24 11.3				45	78	-.0	
03	RAT	IP D	13 24 11.4	24.0	.1	3.25	49	344	-.3	
03	ASB	EP	13 24 11.9	1.9	.1	2.15	50	92	-.0	
		ES	13 24 18.9						-.3	
03	ASD	EP	13 24 12.4	2.8	.1	2.35	57	89	-.3	
03	SSI	IP	13 24 17.8				93	52	.0	
		IS	13 24 29.4						.1	
03	14 7 42.36		51.99 N 178.94 E				66.1 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ANA	EP	14 07 54.2				45	205	.2	
03	AND	EP	14 07 54.2				48	179	-.1	
		ES	14 08 3.0						.1	
03	RAT	IP	14 07 54.2				47	243	.0	
		ES	14 08 2.7						-.1	
03	ASC	EP	14 07 55.4				61	165	-.0	
03	ASB	EP	14 07 56.6				73	163	-.1	
		ES	14 08 3.8						-3.3	
03	ASD	EP	14 07 56.6	1.0	.1	2.04	72	157	.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	17 2	23.71	52.15 N	179.53 E	DEPTH = 202.9 KM			FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
03	SSI	IP	17 02 50.5				29	172	-.1	
03	AND	EP	17 02 52.1				76	212	.0	
03	ASB	EP	17 02 52.2	17.9	.1	3.63	90	193	-.5	
		ES	17 03 13.9						-.0	
03	ANA	IP	17 02 52.5				83	226	.1	
03	ASC	EP	17 02 52.6				80	198	.3	
03	RAT	IP C	17 02 52.7	34.8	.1	3.92	91	245	-.1	
		ES	17 03 14.1						.0	
03	ASD	EP	17 02 52.8	29.8	.1	3.84	85	189	.3	
.....										
03	17 58	4.84	51.99 N	178.33 E	DEPTH = 136.9 KM			FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
03	RAT	IP	17 58 23.3	44.7	.1	3.84	21	181	-.2	
		ES	17 58 37.4						.3	
03	ANA	IP	17 58 24.4				46	151	.1	
		IS	17 58 38.3						-.2	
03	AND	IP	17 58 25.0				64	138	-.1	
03	ASC	EP	17 58 26.3				82	135	.0	
03	SSI	IP	17 58 26.6				87	97	-.0	
03	ASB	EP	17 58 27.2	4.7	.1	2.93	94	137	.1	
		IS	17 58 43.3						-.1	
03	ASD	IP	17 58 27.4	7.4	.1	3.13	96	133	.1	
.....										
03	ASD	EP	18 56 1.6	2.8	.1					
03	ASB	EP	18 56 2.3	3.6	.1					
		ES	18 56 43.9							
03	ASC	EP	18 56 3.7							
04	SSI	IP D	00 28 56.9							
		I(S)	00 29 35.3							
.....										
04	3 45	26.00	51.49 N	177.39 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION		
ANDREANOF ISLANDS, ALEUTIAN ISLANDS										
04	SSI	EP	03 45 56.4	26.3	.1		213	283	-.2	
		ES	03 46 18.6						-.3	
04	ASD	EP	03 45 58.0	9.4	.1		227	269	-.3	
04	ASB	EP	03 45 58.6	14.7	.1		234	268	-.5	
		ES	03 46 23.6						.3	
04	ASC	EP	03 45 59.8				239	271	.1	
04	AND	EP	03 46 1.8				253	273	.3	
04	ANA	EP	03 46 4.2				274	275	.2	
04	RAT	EP	03 46 7.5				298	278	.5	
.....										
04	4 59	18.46	51.39 N	178.69 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
04	SSI	EP	04 59 39.3	11.0	.1	3.22	131	296	-.4	
		I(S)	04 59 55.4						.2	
04	ASD	EP	04 59 40.4	2.0	.1	2.48	137	271	-.1	
		ES	04 59 56.5						-.1	
04	ASB	EP	04 59 41.2	3.3	.1	2.73	144	269	-.3	
		ES	04 59 58.4						.1	
04	ASC	EP	04 59 42.5				149	274	.1	
04	ANA	EP	04 59 47.7				186	279	.6	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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04 5 54 14.95 52.11 N 179.42 E DEPTH = 176.1 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

04	SSI	EP	05 54 38.5	6.1	.1	3.07	26	154	-.0	
04	AND	EP	05 54 40.1				69	208	.2	
04	ASD	IP D	05 54 40.3	8.0	.1	3.22	80	184	-.2	
04	ASC	IP	05 54 40.3				74	194	.1	
04	ANA	IP D	05 54 40.3				75	225	.1	
04	RAT	IP C	05 54 40.5	32.3	.1	3.83	82	246	-.1	
	IS		05 55 1.6						2.2	
04	ASB	IP	05 54 40.7	9.8	.1	3.32	84	188	-.0	
	ES		05 54 59.5						-.0	

04 6 6 5.50 51.53 N 176.84 W DEPTH = 47.0 KM MR = 3.9 TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIANS ISLANDS

04	ADK	IP D	06 06 15.2				41	15	.0	
	ES		06 06 22.8						.6	
04	SSI	IP D	06 06 41.2	48.8	.1		249	281	.7	
04	ASD	EP	06 06 42.8				265	268	.3	
04	ASB	EP	06 06 43.7				272	268	.4	
	ES		06 07 13.0						2.1	
04	ASC	EP	06 06 44.6				277	270	.7	
04	AND	EP	06 06 46.5				291	272	.8	
04	ANA	EP	06 06 49.3				311	274	1.1	
04	RAT	IP C	06 06 51.8	103.3	.2		335	277	.7	
	ES		06 07 28.7						4.4	

04 7 23 54.51 51.16 N 178.36 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

04	ANA	IP D	07 24 4.7				56	22	.2	
04	AND	IP D	07 24 5.1				61	43	-.1	
04	ACF	EP	07 24 5.2				60	47	.1	
04	ACB	IP	07 24 5.3				61	57	.1	
04	ACC	IP	07 24 5.3				60	53	.3	
04	ACD	EP	07 24 5.5				62	61	.2	
04	ACE	EP	07 24 5.5				63	65	.0	
04	ACA	EP	07 24 5.7				64	56	.1	
04	ASB	EP	07 24 5.8	9.3	.1	2.89	66	70	-.1	
	ES		07 24 13.5						-.7	
04	ASC	EP	07 24 6.0				65	59	.1	
04	RAT	IP C	07 24 6.2	26.8	.1	3.38	71	358	-.5	
04	ASD	IP D	07 24 6.7	1.7	.1	2.18	73	69	-.3	
04	SSI	IP C	07 24 13.6	11.7	.1	3.20	118	46	-.1	
	IS		07 24 27.8						.2	

04 8 27 14.39 51.23 N 179.96 E DEPTH = 49.5 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

04	ASD	EP	08 27 24.7				47	292	-.1	
04	ASB	EP	08 27 25.4				52	286	.0	
	ES		08 27 33.3						-.1	
04	ACA	EP	08 27 25.7				65	295	-1.1	
04	ACE	EP	08 27 26.1				58	289	.0	
04	ACD	EP	08 27 26.6				61	291	.2	
04	ACB	EP	08 27 27.1				66	293	.2	
04	ASC	EP	08 27 27.3				61	295	.9	
04	SSI	IP	08 27 28.3	8.8	.1	2.97	78	341	-.1	
	ES		08 27 38.6						.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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04	9 23	59.62	51.41 N 179.27 E	DEPTH = 29.3 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
04	ASD	EP	09 24 4.5	2.9	.1	2.05	5	113	.0	
04	ASB	EP	09 24 4.5	1.9	.1	1.86	6	199	-.0	
		ES	09 24 7.9						-.2	
04	ACE	IP	09 24 4.5				7	262	-.1	
04	ACD	IP	09 24 4.7				10	283	.0	
		ES	09 24 8.4						.0	
04	ASC	EP	09 24 4.9				10	308	.2	
04	ACB	EP	09 24 5.0				14	295	.1	
04	AND	EP	09 24 6.2				28	308	-.0	
04	ANA	EP	09 24 8.8				49	300	-.1	
04	SSI	IP	09 24 10.1	10.7	.1	2.92	58	22	-.0	
		IS	09 24 17.8						.0	

04	12 28	6.32	51.03 N 179.65 E	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
04	ASD	IP C	12 28 15.7	19.3	.1	3.17	41	328	-.6	
04	ASB	IP D	12 28 16.1				43	318	-.3	
		ES	12 28 21.7						-2.0	
04	ACE	IP	12 28 16.8				49	317	-.3	
04	ACD	IP	12 28 17.4				53	318	-.1	
04	ASC	IP	12 28 17.6				55	322	-.1	
04	ACB	IP	12 28 18.1				58	318	.1	
04	ACC	IP	12 28 18.5				62	317	.0	
04	ACF	IP	12 28 19.3				68	318	.2	
		ES	12 28 27.8						-.7	
04	AND	IP D	12 28 19.9				73	318	.2	
04	SSI	IP C	12 28 22.0	14.6	.1	3.24	91	357	.1	
		IS	12 28 33.5						.3	
04	ANA	EP	12 28 22.5				92	312	.5	
04	RAT	EP	12 28 26.5				122	312	.8	

4	13 25	2.80	60.94 N 150.90 W	DEPTH = 8.0 KM		TELESEISMIC SOLUTION				
KENAI PENINSULA, ALASKA										

04	ADK	EP	15 16 39.5							
		ES	15 16 47.1							
04	ADK	IP D	17 24 46.7							
		ES	17 24 56.9							
04	SSI	IP	17 25 20.0	6.3	.1					
		ES	17 26 4.6							
04	ASD	EP	17 25 21.8							
		ES	17 26 7.9							
04	ASB	EP	17 25 22.5							
04	ASC	EP	17 25 24.2							
04	AND	EP	17 25 25.1							
04	ANA	EP	17 25 27.7							
04	RAT	EP	17 25 30.4	32.2	.1					

04	22 0	38.12	51.45 N 179.53 E	DEPTH = 66.4 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
04	ASD	IP D	22 00 48.0	3.4	.1	2.43	15	245	-.1	
04	ASB	IP D	22 00 48.4	9.8	.1	2.91	22	244	.0	
		IS	22 00 55.5						-.4	
04	ACE	IP	22 00 48.6				26	259	.1	
04	ACB	EP	22 00 48.8				31	273	-.0	
04	ACD	EP	22 00 48.8				28	266	.1	
04	ASC	IP	22 00 48.8				26	274	.3	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 04	ACC	EP	22 00 49.2				34	277	.1	
. 04	AND	EP	22 00 49.4				42	288	-.2	
. 04	SSI	IP	22 00 50.0	7.1	.1	2.84	50	4	-.2	
. 04	ANA	EP	22 00 51.7				64	289	.3	
. 04	RAT	IP C	22 00 54.3	19.1	.1	3.39	92	296	-.2	
.....										
. 04	23 22 50.30	51.62 N 171.26 W DEPTH = 33.0 KM MB = 4.9						TELESEISMIC SOLUTION		
FOX ISLANDS, ALEUTIAN ISLANDS										
. 04	NIK	EP	23 23 31.4				223	47		
. 04	ADK	IP	23 23 42.3				376	277		
. 04	SSI	EPN	23 24 13.3				633	276		
. 04	ASB	EP	23 24 16.4	30.2	.1		653	271		REGIONAL
. 04	ASB	EP	23 24 17.0				660	271		
. 04	AND	EP	23 24 19.8				679	273		
. 04	ANA	EP	23 24 21.7				698	274		
. 04	RAT	EP	23 24 24.8	40.4	.1		720	276		
. 04	GMA	EP	23 25 21.0				1642	17		
.....										
. 04	23 34 .86	51.12 N 179.01 E DEPTH = 25.5 KM						FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
. 04	ASB	IP D	23 34 7.6	10.6	.1	2.73	32	31	.0	
. 04	ACE	IP	23 34 7.9				34	20	-.1	
. 04	ACD	IP	23 34 8.2				36	14	.1	
. 04	ASD	IP D	23 34 8.3				38	37	-.1	
. 04	ACB	IP	23 34 8.7				39	8	.2	
. 04	ASC	IP C	23 34 8.8				40	16	.1	
. 04	AND	IP D	23 34 10.0				50	356	-.0	
. 04	ANA	IP C	23 34 11.6				62	337	-.1	
. 04	SSI	IP	23 34 16.7	7.6	.1	2.94	95	25	.0	
. 04	IS		23 34 32.4						4.2	
.....										
. 05	1 30 24.00	51.69 N 171.54 W DEPTH = 63.0 KM MB = 3.8						TELESEISMIC SOLUTION		
FOX ISLANDS, ALEUTIAN ISLANDS										
. 05	ADK	EP	01 31 13.5				356	276		
. 05	SSI	IP D	01 31 44.8	17.1	.2		613	276		NO S
. 05	ASB	EP	01 31 46.1	5.8	.2		640	270		
. 05	ASD	EP	01 31 46.2	6.2	.2		633	271		
. 05	ASC	EP	01 31 49.0				645	271		
. 05	ACB	EP	01 31 50.0				650	271		
. 05	AND	EP	01 31 50.5				658	273		
. 05	ANA	EP	01 31 53.2				678	273		
. 05	RAT	E(P)	01 31 57.0				700	275		
.....										
. 05	2 40 21.66	51.53 N 178.42 E DEPTH = 61.2 KM						FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
. 05	ANA	EP C	02 40 31.1				20	57	-.1	
. 05	AND	EP	02 40 32.2				37	84	-.1	
. 05	ACB	IP	02 40 33.1				47	98	.0	
. 05	ASC	E(P)	02 40 33.9				52	98	.4	
. 05	ASB	EP	02 40 34.2	1.9	.1	2.28	60	107	-.1	
. 05	ASD	EP	02 40 34.8	1.5	.1	2.20	66	103	-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
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05	ADK	IP	02 48 32.2							
		IS	02 48 46.8							

5	3 41 41.20	64.55 N 146.60 W	DEPTH = 24.0 KM	TELESEISMIC SOLUTION
		CENTRAL ALASKA		

05	4 6 12.02	51.20 N 178.42 E	DEPTH = 19.2 KM	FREE DEPTH SOLUTION
		PAT ISLANDS, ALEUTIAN ISLANDS		

05	ANA	EP D	04 06 21.3				50	19	.4
05	AND	EP	04 06 21.6				55	42	.0
05	ACB	IP	04 06 21.9				55	58	.3
05	ACD	IP	04 06 21.9				56	63	.1
05	ACE	IP	04 06 21.9				57	67	-.0
05	ASB	EP	04 06 22.3	7.3	.1	2.74	60	73	-.1
		ES	04 06 29.5						-.5
05	PAT	IP D	04 06 23.0	52.2	.1	3.63	67	354	-.4
05	ASD	EP	04 06 23.4	3.6	.1	2.48	67	71	-.1
05	SSI	EP	04 06 30.2				111	46	.0

05	SSI	IP D	04 46 0.0	4.9	.1				
05	ASD	EP	04 46 .6	2.5	.1	2.48			
05	ASB	EP	04 46 1.7	2.7	.1	2.54			
		ES	04 46 14.0						
05	ACE	IP	04 46 2.5						
05	ASC	E(P)	04 46 2.8						

5	6 39 37.30	61.77 N 150.31 W	DEPTH = 84.0 KM	TELESEISMIC SOLUTION
		SOUTHERN ALASKA		

05	7 4 18.70	51.34 N 179.95 E	DEPTH = 33.6 KM	FREE DEPTH SOLUTION
		PAT ISLANDS, ALEUTIAN ISLANDS		

05	ASD	EP	07 04 27.4	1.7	.1	2.04	43	279	-.0
05	ASB	EP	07 04 28.3	1.7	.1	2.08	49	274	.1
		ES	07 04 35.2						.0
05	ACF	EP	07 04 29.0				54	278	.0
05	ACD	EP	07 04 29.4				57	281	.0
05	SSI	EP	07 04 30.7				67	338	.0

05	7 22 30.69	51.49 N 179.43 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION
		PAT ISLANDS, ALEUTIAN ISLANDS		

05	ASD	E(P)	07 22 35.3	1.8	.1	1.81	12	209	-.0
05	ASC	E(P)	07 22 35.8				18	262	-.0
05	ASB	EP	07 22 35.9	3.6	.1	2.16	19	222	.0
		E(P)	07 23 .9						
05	ACE	E(P)	07 22 36.0				20	242	-.0
05	ACD	E(P)	07 22 36.1				21	252	-.0
05	ACA	E(P)	07 22 36.2				21	268	.1

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
05	8 23 49.57		52.21 N 179.66 W				DEPTH = 172.4 KM			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
05	SSI	EP	08 24 13.8	6.3	.1	3.10	62	236	-.0	
05	ASD	EP	08 24 16.5	13.6	.1	3.48	114	218	-.4	
05	ACB	EP	08 24 17.1				119	227	-.2	
05	ASB	EP	08 24 17.2	63.3	.2	3.85	121	219	-.1	
		ES	08 24 37.6						-.0	
05	ASC	EP	08 24 17.3				116	225	.3	
05	ACA	EP	08 24 17.3				117	227	.3	
05	ACE	EP	08 24 17.3				121	222	-.0	
05	AND	E(P)	08 24 17.5				119	234	.3	
05	ACC	EP	08 24 17.5				120	229	.2	
05	ANA	EP	08 24 18.2				132	241	-.0	
05	RAT	EP	08 24 19.1				145	253	-.2	
05	9 18 25.84		51.12 N 179.07 E				DEPTH = 29.9 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
05	ASB	EP C	09 18 32.7				30	24	-.0	
		ES	09 18 37.8						.1	
05	ACE	EP	09 18 33.0				32	12	-.0	
05	ACD	EP	09 18 33.4				35	7	.1	
05	ASD	E(P)	09 18 33.5	1.4	.1	1.90	36	31	.1	
		ES	09 18 38.9						-.1	
05	ACB	EP	09 18 33.8				39	2	.0	
05	9 20 54.00		6.05 N 126.16 E				DEPTH = 67.0 KM	MB = 5.5		TELESEISMIC SOLUTION
			MINDANAO, PHILIPPINE ISLANDS							
05	ADK	EP	09 31 31.2				7270	35		
05	11 26 36.33		51.56 N 179.89 W				DEPTH = 76.7 KM			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
05	ASD	EP D	11 26 49.9	13.0	.2	2.85	56	250	-.0	
05	ASB	EP D	11 26 50.5	3.4	.1	2.59	64	250	-.1	
		ES	11 27 .9						-.0	
05	ACE	IP C	11 26 50.8				67	255	-.1	
05	ASC	EP	11 26 50.9				66	261	.1	
05	AND	EP	11 26 52.0				80	270	-.1	
05	ANA	IP C	11 26 54.4				100	275	.2	
05	RAT	E(P)	11 26 56.8				125	283	-.2	
05	11 57 57.12		51.28 N 179.91 E				DEPTH = 25.0 KM			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
05	ASD	IP	11 58 4.9	3.2	.1	2.28	41	288	-.2	
05	ASB	IP C	11 58 5.9	5.3	.1	2.54	47	281	.0	
		ES	11 58 12.2						-.0	
05	ACE	IP C	11 58 6.8				53	285	.1	
05	ASC	EP	11 58 7.1				56	292	.0	
05	ACB	EP	11 58 7.9				61	290	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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5	13 34	46.00	61.18 N 147.37 W	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
SOUTHERN ALASKA										

05	ADK	IP	13 35 41.9							
		IS	13 35 50.2							

05	14 20	42.30	9.34 N 84.23 W	DEPTH = 26.0 KM MB = 5.4 MS = 5.1			TELESEISMIC SOLUTION			
COSTA RICA										

05	ADK	EP	14 33 14.5				9367	322		
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05	18 0	41.13	51.98 N 179.40 E	DEPTH = 122.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

05	RAT	EP	18 00 57.9	4.9	.1	2.83	20	193	-.1	
05	ANA	IP C	18 00 58.8				43	155	.1	
05	AND	IP C	18 00 59.5				60	140	-.1	
05	ACF	IP D	18 01 0.0				65	140	.1	
05	ACB	IP	18 01 .7				74	140	.2	
05	ASC	E(P)	18 01 .9				78	137	.1	
05	ACD	IP	18 01 .9				79	140	.0	
05	ACE	IP	18 01 1.0				83	140	-.2	
05	SSI	IP D	18 01 1.1	13.2	.1	3.33	82	96	.0	
05	ASD	EP	18 01 1.7	3.8	.1	2.81	92	135	-.2	
05	ASB	E(P)	18 01 1.7	3.4	.1	2.76	90	139	-.0	
	ES		18 01 16.7						-.0	

05	18 10	43.20	52.11 N 178.42 E	DEPTH = 155.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

05	RAT	EP	18 11 4.4				35	190	-.1	
05	ANA	EP	18 11 5.4				56	163	.2	
05	AND	EP	18 11 5.9				71	149	-.1	
	ES		18 11 22.6						.0	
05	SSI	EP C	18 11 6.7				84	106	-.0	
05	ACD	EP	18 11 7.2				91	147	.1	
05	ACE	EP	18 11 7.3				94	146	-.1	
05	ASB	EP	18 11 7.7	1.0	.1	2.30	101	145	-.2	
05	ASD	IP C	18 11 8.1	1.4	.1	2.45	102	141	.2	

05	19 22	39.61	51.77 N 179.33 W	DEPTH = 78.6 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										

05	SSI	IP C	19 22 55.1	4.4	.1	2.74	76	280	-.0	
	ES		19 23 6.4						-.0	
05	ASD	E(P)	19 22 57.7	2.5	.1	2.56	101	246	-.0	
05	ASB	E(P)	19 22 58.5	1.2	.1	2.25	109	246	-.0	
05	RAT	E(P)	19 23 4.5				161	272	-.0	

05	19 47	21.89	50.96 N 178.46 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

05	ASB	EP	19 47 34.0	1.7	.1	2.18	71	51	-.1	
	ES		19 47 42.9						-.1	
05	ACE	EP	19 47 34.1				70	45	.1	
05	ACD	E(P)	19 47 34.2				71	42	.1	
05	ACB	EP C	19 47 34.3				72	38	.1	
05	ACC	E(P)	19 47 34.3				72	35	.1	
05	ACF	EP	19 47 34.5				74	30	.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
05	ASC	EP	19 47 34.6				75	41	-.1	
05	AND	IP C	19 47 34.6				76	27	-.2	
05	ACA	IP C	19 47 34.8				74	38	.2	
05	ASD	EP	19 47 35.0	1.0	.1	1.97	78	52	-.2	
05	ANA	EP	19 47 35.0				76	11	.2	
05	RAT	IP C	19 47 37.3	4.6	.1	2.71	94	355	-.2	
05	SSI	EP	19 47 42.8				130	37	-.2	
.....										
05	RAT	IP D	21 21 58.1							
05	ANA	IP D	21 22 3.2							
05	AND	EP	21 22 5.9							
05	ACF	EP	21 22 6.1							
05	ACC	IP	21 22 7.7							
05	ACB	IP	21 22 8.3							
05	ACA	IP	21 22 8.4							
05	ASC	EP	21 22 8.9							
05	ACD	IP	21 22 9.1							
05	ACE	EP	21 22 9.5							
05	SSI	EP	21 22 10.1							
05	ASB	EP	21 22 10.6	192.6	.2	4.14				
	ES		21 22 24.8							
05	ASD	IP C	21 22 10.8							
05	RAT	IP D	21 37 5.6	99.2	.2					
05	ANA	IP D	21 37 10.7							
05	AND	EP	21 37 13.4							
05	ACF	EP C	21 37 14.6							
05	ACC	E(P)	21 37 15.4							
05	ACB	E(P)	21 37 15.9							
05	ACA	E(P)	21 37 16.0							
05	ACD	EP	21 37 16.6							
05	ACE	EP	21 37 17.1							
05	SSI	EP	21 37 17.6							
05	ASB	EP	21 37 18.2	5.5	.1	2.90				
	ES		21 37 32.4							
05	ASD	EP	21 37 18.9	3.4	.1	2.70				
06	ASD	EPN	00 32 32.0							QP
	IP		00 32 33.9	3.6	.2					
06	ASB	EP	00 32 32.5	5.5	.2					QP
	E(S)		00 33 39.6							
06	ASC	EP	00 32 33.1							QP
06	AND	EP	00 32 36.5							QP
.....										
06	1 5 10.78	51.41 N 178.81 E	DEPTH = 43.8 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
06	AND	IPGC	01 05 18.3				20	30	-.1	
06	ASC	IPGD	01 05 18.9				25	76	-.1	
06	ANA	EPG	01 05 18.9				26	336	.0	
06	ASB	IPGC	01 05 19.2	6.2	.1	2.60	31	100	-.0	
	IS		01 05 25.4						.0	
06	ASD	IPGC	01 05 19.8	11.8	.1	2.91	37	93	-.0	
	IS		01 05 26.4						-.0	
.....										
06	1 32 32.30	40.82 N 133.26 E	DEPTH = 451.0 KM MB = 4.5							TELESEISMIC SOLUTION
		SEA OF JAPAN								
06	RAT	EP	01 38 25.1	17.6	.3		3615	55		
06	AND	EP	01 38 27.1				3658	55		OP. TELE
06	ASD	EP C	01 38 30.4	12.3	.3		3685	56		
06	SSI	EP	01 38 32.0	17.8	.4		3702	55		
.....										
06	ADK	EP	02 31 57.3							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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ES 02 32 36.6

06	2 55	9.19	51.41 N 178.78 E	DEPTH = 44.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	AND	EPG	02 55 17.0				21	35	.0	
06	ACF	EPG	02 55 17.0				20	49	.1	
06	ANA	EPG	02 55 17.3				26	341	-.0	
06	ACR	EPG	02 55 17.3				22	75	.2	
06	ACA	EPG	02 55 17.4				25	71	.1	
		ES	02 55 23.1						-.0	
06	ACD	EPG	02 55 17.4				25	85	.1	OP
06	ACE	EPG	02 55 17.4				27	92	-.1	
06	ASB	EPG	02 55 17.8	.9	.1	1.78	33	99	-.1	
		ES	02 55 23.8						-.5	
06	ASD	EPG	02 55 18.6	.8	.1	1.77	39	93	.1	
		ES	02 55 25.2						-.1	
06	RAT	EP	02 55 19.9	1.4	.1	2.06	53	324	-.2	OP
06	SSI	E(P)	02 55 23.0	1.6	.1	2.22	77	46	.0	OP

06	SSI	EP	03 34 42.7	1.8	.1	2.29				
		ES	03 34 52.9							
06	ASD	EPG	03 34 47.7	1.1	.1	2.18				
06	ASB	EP	03 34 49.1	1.9	.1	2.44				
		ES	03 35 3.3							
06	ASC	EP	03 34 49.5							

06	4 0	21.70	53.88 N 171.96 W	DEPTH = 273.0 KM MB = 5.2			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIAN IS.										
06	NIK	EPD	04 01 4.4				230	115		
06	SSI	EP D	04 01 45.8				610	252		ODIP.PRECURSOR
06	ASD	IP D	04 01 49.2				651	248		WHITE OUT
06	ASB	IP	04 01 49.9				658	248		C.L. OS
		F(S)	04 02 55.1							
06	ASC	IP C	04 01 50.1				658	249		ODIP
06	AND	EP D	04 01 51.1				666	251		
06	ANA	EP D	04 01 53.0				681	252		
06	RAT	EP D	04 01 54.7				694	254		WHITE OUT
06	SMY	E(P)	04 02 22.5				937	268		
06	GMA	EP	04 03 20.0				1419	21		

06	4 2	57.10	49.98 N 77.77 E	DEPTH = 0.0 KM MB = 5.5			TELESEISMIC SOLUTION			
EASTERN KAZAKH SSR										
06	RAT	EP	04 12 54.8	56.8	.4		6485	46		
		I	04 13 46.2							
06	ANA	EP	04 12 57.1				6515	46		TELE
		E	04 13 47.5							
06	AND	IP	04 12 58.1				6535	46		
		I	04 13 48.0							
06	SSI	EP	04 12 58.8	25.6	.4		6543	45		
06	ASC	EP	04 12 59.4				6553	46		
		I	04 13 48.7							
06	ASB	IP	04 12 59.9	60.0	.4		6565	46		
06	ASD	IP	04 13 0.0	35.0	.4		6568	46		

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	4 35	16.20	51.61 N 178.74 E	DEPTH = 20.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	ANA	IPG	04 35 19.7				5	287	-0	
		IS	04 35 22.5						.2	
06	AND	IPG	04 35 20.3				16	110	-2	
06	ACF	EPG	04 35 21.0				20	118	-0	
06	ACC	EPG	04 35 21.6				26	124	-1	
06	ACA	EPG	04 35 22.3				30	119	-0	
06	ACB	EPG	04 35 22.3				30	124	.1	
06	ASC	E(P)	04 35 22.8				34	119	-0	QP
06	RAT	EPG	04 35 22.9	.9	.1	1.65	35	307	-0	
		ES	04 35 27.8						-1	
06	ACD	EPG	04 35 23.0				34	126	.1	
06	ASB	EPG	04 35 24.4	.9	.1	1.74	45	128	-0	
		IS	04 35 30.2						-2	
06	ASD	EPG	04 35 25.1	.6	.1	1.55	49	120	.2	
06	SSI	IPG	04 35 27.6	2.2	.1	2.26	67	62	.0	
		ES	04 35 35.9						.0	
06	5 49	25.73	52.14 N 178.59 E	DEPTH = 165.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	RAT	IP C	05 49 48.3	28.4	.1	3.72	42	206	-0	
06	ANA	IP D	05 49 49.0				57	175	.1	
06	AND	EP	05 49 49.4				69	159	-1	
06	SSI	IP	05 49 49.7	3.2	.1	2.80	73	112	-0	
06	ASC	EP	05 49 50.5				85	152	.2	
06	ASD	IP D	05 49 51.1	5.7	.1	3.08	98	148	-1	
06	ASB	IP	05 49 51.1	7.1	.1	3.17	98	152	-1	
		ES	05 50 9.7						-0	
06	ADK	IP	06 01 20.5							
		ES	06 01 30.7							
		E	06 02 5.0							
06	RAT	IPGC	06 06 29.5	28.3	.1	3.06				
		IS	06 06 33.0							
06	ANA	EP	06 06 33.8							
06	AND	E(P)	06 06 35.8							QP
06	ACB	EP	06 06 38.7							
06	SSI	EP	06 06 39.9	4.9	.1					
06	ASB	EP	06 06 41.1	1.1	.1	2.12				
		ES	06 06 52.6							
06	RAT	IP D	08 18 25.7	19.0	.1					
		ES	08 18 52.4							
06	ANA	EP	08 18 27.9							QP
		ES	08 18 56.4							
06	AND	EP	08 18 29.9							
06	ASC	EP	08 18 30.9							QP
06	ASB	EP	08 18 31.5	1.5	.1					
		ES	08 19 1.7							
06	ASD	EP	08 18 32.3	1.4	.1					
06	SSI	IP D	08 18 36.9	29.6	.1					QDIR
06	ADK	IP	08 49 2.4							
		ES	08 49 9.2							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	8 49	9.13	51.67 N 178.78 E	DEPTH = 77.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	AND	IPG	08 49 20.4				17	136	-.1	
		IS	08 49 28.9						.2	
06	ANA	EPG	08 49 20.4				10	238	.1	
06	ACF	EPG	08 49 20.9				22	138	.3	
06	ACC	IPGD	08 49 21.0				28	139	.1	
		ES	08 49 29.5						.1	
06	RAT	IPGD	08 49 21.1	29.8	.1	3.47	34	294	-.1	
		IS	08 49 29.8						-.2	
06	ACA	EPG	08 49 21.1				32	132	.0	
06	ACB	EPG	08 49 21.1				32	137	.0	
06	ASC	EPG	08 49 21.4				35	131	.1	
06	ACD	EPG	08 49 21.4				37	138	.0	
06	ACE	IPGD	08 49 21.4				41	138	-.2	
06	ASB	EPG	08 49 22.0	1.1	.1	2.06	47	137	-.1	
		ES	08 49 31.2						-.3	
06	ASD	EPG	08 49 22.1	1.5	.1	2.21	50	129	-.2	
06	SSI	IPG	08 49 23.1	12.7	.1	3.16	61	66	-.0	QTAMP POS.T WVE
		I(T)	08 49 53.7							
.....										
06	9 4	17.10	52.03 N 178.31 E	DEPTH = 138.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	RAT	EP	09 04 36.1	3.8	.1	2.77	26	178	.0	
06	ANA	IP	09 04 37.0				51	152	.0	PROB. DEEP
		ES	09 04 51.5						.0	
06	AND	IP	09 04 37.7				69	140	-.2	
06	SSI	EP	09 04 39.2	5.9	.1	3.03	89	100	-.0	
06	ASC	IP	09 04 39.3				87	137	.3	
06	ASB	EP	09 04 39.9	2.1	.1	2.59	99	139	-.0	
		ES	09 04 56.6						-.0	
06	ASD	IP	09 04 40.0	5.0	.2	2.67	101	135	-.1	
.....										
06	9 9	54.91	50.48 N 177.69 E	DEPTH = 14.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	ANA	IP C	09 10 18.2				144	28	.2	
06	ASB	EP	09 10 18.5	7.6	.1	3.09	147	48	.2	
		IS	09 10 35.3						-.1	
06	AND	IP C	09 10 18.6				149	36	-.1	
06	ASC	IP	09 10 19.0				150	43	.1	
06	ASD	EP	09 10 19.2	5.9	.1	3.00	154	48	-.2	
06	RAT	IP	09 10 19.2	44.7	.1	3.88	153	17	-.1	
		ES	09 10 37.2						.1	
06	SSI	IP D	09 10 26.9	16.0	.1		205	39	.0	
.....										
06	9 27	29.61	51.47 N 179.64 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
06	ASD	EP	09 27 42.9	1.4	.1	2.15	71	263	.1	
06	ASB	EP	09 27 43.6	1.6	.1	2.24	78	261	-.1	
		ES	09 27 53.9						.0	
06	ASC	EP	09 27 44.2				83	270	-.0	
.....										
06	ACA	EP	09 35 9.4							
06	ACB	EP	09 35 9.5							QS
		E(S)	09 35 13.1							
06	ACC	E(P)	09 35 11.2							

QS

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	10 14	11.11	51.24 N 178.97 W				DEPTH = 25.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	ASD	EP	10 14 30.4	.7	.1	1.98	119	279	-.0	
06	SSI	E(P)	10 14 31.1	3.2	.1	2.66	123	306	-.0	
06	ASB	EP	10 14 31.4	.6	.1	1.93	125	277	.0	
		ES	10 14 45.9						-.2	
06	ASC	EP	10 14 32.5				132	281	.0	
		ES	10 14 48.2						.2	
06	10 22	40.30	51.45 N 178.79 E				DEPTH = 41.5 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	AND	IPGC	10 22 47.5				17	42	.0	
06	ACC	IPGD	10 22 47.7				18	77	.2	
06	ACF	IPGD	10 22 47.7				17	59	.2	
06	ACB	IPGD	10 22 47.8				21	85	.1	
06	ACD	IPG	10 22 47.9				24	95	-.1	
06	ANA	IPGC	10 22 48.0				22	336	.2	
06	ACA	IPGD	10 22 48.0				23	81	.1	
06	ACF	IPG	10 22 48.0				27	101	-.2	
06	ASC	IPGD	10 22 48.1				26	86	-.0	
06	ASD	IPGC	10 22 49.0	25.9	.1	3.25	39	99	-.4	
06	ASR	IPGC	10 22 49.4	21.9	.1	3.15	33	107	.6	
		ES	10 22 54.4						-.6	
06	RAT	IPGD	10 22 50.3	7.9	.1	2.79	50	321	-.4	
06	SSI	IPG	10 22 53.7	12.4	.1	3.09	74	48	-.0	
		I(S)	10 23 3.6						.1	
06	10 48	14.58	51.47 N 178.10 E				DEPTH = 48.4 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	RAT	IPGD	10 48 24.1				40	23	-.2	WHITE OUT
		E(S)	10 48 31.3						-.1	
06	ANA	IPGD	10 48 24.7				42	65	.2	
06	AND	IPGD	10 48 26.2				60	80	-.2	
06	ACF	IPG	10 48 26.8				62	84	.2	
06	ACC	IPG	10 48 27.2				65	88	.2	
06	ACB	IPGC	10 48 27.5				68	90	.1	
06	ACA	IPG	10 48 27.8				70	88	.2	
06	ACD	IPGC	10 48 27.8				72	93	.0	
06	ACE	IPGC	10 48 28.0				74	95	-.1	
06	ASC	IPG	10 48 28.1				74	90	.1	
06	ASB	IPGD	10 48 28.6	60.5	.1	3.82	80	98	-.2	
		ES	10 48 38.8						-.4	
06	ASD	IPGD	10 48 29.4				86	95	-.1	AMPL OBSCURED
06	SSI	IP C	10 48 32.7				113	65	-.1	WHITE OUT
		IS	10 48 46.2						.1	
06	ADK	EP	10 49 3.5				363	81	-.1	
06	11 1	30.76	51.89 N 178.39 E				DEPTH = 120.9 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	RAT	EP	11 01 47.1	6.2	.1	2.93	11	202	-.2	
		ES	11 01 59.3						-.1	
06	ANA	EP	11 01 48.2				35	148	.3	QP
06	AND	EP	11 01 48.9				54	133	.2	QP
06	ASC	EP	11 01 50.1				72	132	.2	QP
06	ASB	EP	11 01 50.5				84	135	-.2	QP
06	SSI	EP	11 01 50.6	1.5	.1	2.38	82	90	-.0	
06	ASD	EP	11 01 50.7	.7	.1	2.06	86	130	-.2	QP,POOR TAMP

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	SSI	EP	11 22 24.6	5.7	.1					
06	ASD	EP	11 22 24.8	1.1	.1	2.29				QP
06	ASB	EP	11 22 25.5	.9	.1	2.20				QP.QS
		E(S)	11 22 43.2							
06	ASC	EP	11 22 26.9							QP
06	SSI	EP	11 28 59.9	6.0	.1					
06	RAT	E(P)	11 29 3.3	4.2	.1					
06	ASD	EP	11 29 5.1	1.7	.1					NO S. VISIBLE
06	ASB	EP	11 29 5.5	8.7	.2					
06	ASC	EP	11 29 6.9							
06	AND	EP	11 29 7.5							
06	ANA	EP	11 29 9.4							
06	ADK	EP	13 33 5.5							
		IS	13 33 12.2							
06	SSI	EP	13 33 33.3	7.1	.1					
		ES	13 34 1.6							
06	ASD	EP	13 33 34.2	1.5	.1					
06	ASB	EP	13 33 35.2	2.4	.1					
		E(S)	13 34 3.9							
06	ASC	EP	13 33 35.9							
06	AND	EP	13 33 37.8							QP
06	ANA	EP	13 33 40.1							
06	RAT	E(P)	13 33 43.1	3.5	.1					QP
.....										
06	14	1 30.48	51.29 N 179.65 W	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	ASD	EP	14 01 42.5	1.1	.1	2.00	71	279	-.1	
06	ASB	EP	14 01 43.8	1.2	.1	2.06	77	276	.3	POOR TAMP
		E(S)	14 01 53.1						.0	
06	ASC	EP	14 01 44.5				84	284	-.2	
06	SSI	IP	14 01 44.8	5.0	.1	2.71	85	322	.0	
.....										
06	15	22 49.20	51.30 N 175.93 W	DEPTH = 105.0 KM						TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
06	ADK	IP	15 23 7.5				83	322	-.1	
		IS	15 23 15.7						-5.4	
06	SSI	EP	15 23 33.6	8.8	.1		317	284	.1	
06	ASD	EP	15 23 35.4	1.4	.1		329	274	.5	
06	ASB	EP	15 23 36.3	6.1	.2		335	273	.6	
06	ASC	EP	15 23 36.7				341	275	.3	QS
		E(S)	15 24 10.0						-.9	
06	AND	EP	15 23 38.6				356	277	.4	QP
06	RAT	EP	15 23 44.7	5.0	.1		401	280	1.1	MAY BE LATE
.....										
06	RAT	IP C	16 47 20.5	7.8	.1	3.03				
		IS	16 47 34.0							
06	ANA	IP	16 47 22.0							
06	AND	IP	16 47 23.0							
06	ASC	IP	16 47 24.5							
06	SSI	IP D	16 47 25.1	1.4	.1					
06	ASD	EP	16 47 25.3	3.9	.1	2.84				
		ES	16 47 42.8							
06	ASB	IP	16 47 25.3	3.1	.1	2.74				
		ES	16 47 43.0							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	17 5	.76	51.97 N 177.82 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	RAT	IP D	17 05 8.7	17.8	.1	2.95	40	118	.7	
		E(S)	17 05 13.9						.5	
06	ANA	IP	17 05 13.8				70	123	.4	
06	AND	IP	17 05 16.6				90	120	-.3	
06	ASC	EP	17 05 19.5				109	121	-.2	
06	ASB	EP	17 05 21.3	1.4	.1	2.28	120	124	-.0	
		ES	17 05 35.5						-.8	
06	SSI	EP	17 05 21.3	18.1	.1	3.40	122	93	-.3	
06	ASD	EP	17 05 22.1	.8	.1	2.07	123	121	.2	
		ES	17 05 36.6						-.7	
.....										
06	ADK	EP	17 31 1.5							
		ES	17 31 13.6							
06	SSI	IP	17 31 14.4	11.1	.1					
06	ASD	EPN	17 31 15.2							
		IP	17 31 18.2	6.3	.1					
06	ASB	EP	17 31 16.8	15.2	.2					QP
		E(S)	17 31 41.8							
06	ASC	EPN	17 31 17.1							
		IP	17 31 20.2							
06	AND	EP	17 31 19.7							
06	RAT	EP	17 31 25.0	13.9	.1					
06	RAT	EP	17 41 39.8	4.9	.1					
		E(S)	17 42 2.4							
06	ANA	E(P)	17 41 41.4							
06	ASB	E(P)	17 41 44.8	.9	.1					
06	SSI	IP	17 41 51.0	7.7	.1					
		E(S)	17 42 22.0							
.....										
06	18 21	4.10	52.96 N 170.86 W	DEPTH = 97.0 KM MB = 4.7			TELESEISMIC SOLUTION			
FOX ISLANDS, ALEUTIAN ISLANDS										
06	NIK	EP	18 21 26.0				135	89		
06	ADK	EP	18 22 .5				414	255		
		ES	18 22 10.7							
06	SSI	IP	18 22 31.8	17.7	.1		661	263		
06	ASD	EP	18 22 34.6				693	259		QP REGIONAL
06	ASB	EP	18 22 35.6				700	259		QP QS
		E(S)	18 22 45.7							
06	ASC	EP	18 22 35.9				702	260		QP
06	AND	EP	18 22 37.5				713	261		QP
06	ANA	EP	18 22 39.7				730	262		QP
06	RAT	EP	18 22 42.5	10.9	.1		747	264		POOR TAMP
06	SMY	E(P)	18 23 15.0				1013	275		
06	GMA	EP	18 24 15.5				1491	18		
.....										
06	SSI	IP	21 37 30.8	3.6	.1	2.74				
		I(S)	21 37 45.9							
.....										
06	21 37 29.97	51.43 N 177.73 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION				
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
06	SSI	EP	21 37 57.7	18.1	.1	3.59	192	286	-.3	
06	ASD	EP	21 37 59.2	3.8	.1		204	270	-.2	
		ES	21 38 21.2						.4	
06	ASB	EP	21 37 59.6	4.3	.1		210	269	-.6	QP
		ES	21 38 21.9						-.4	
06	ASC	EP	21 38 1.3				216	272	.4	
06	AND	EP	21 38 3.4				231	275	.7	QP

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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07	0 30	37.80	51.38 N 178.75 E	DEPTH = 36.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

07	AND	IP C	00 30 44.9				25	34	-.1	
07	ANA	IP C	00 30 45.3				29	348	.0	
07	ASC	IP D	00 30 45.6				30	71	.1	
07	ASB	IP C	00 30 45.9	26.7	.1	3.21	35	92	-.0	
		IS	00 30 51.8						-.0	
07	ASD	IP C	00 30 46.6	48.9	.1	3.51	41	87	-.1	

07	ADK	EP	06 21 27.1							
		ES	06 22 13.5							
07	SSI	EP	06 21 55.8	14.2	.1					
07	ASD	EP	06 21 59.1	6.6	.1					
07	ASB	EP	06 22 .2	11.2	.1					
		ES	06 23 11.8							
07	ASC	EP	06 22 .7							
07	AND	EP	06 22 2.2							
07	ANA	EP	06 22 3.9							
07	RAT	EP	06 22 7.2	8.2	.1					

07	6 37	52.32	51.07 N 179.44 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										

07	ASD	EP	06 38 7.6	2.2	.1	2.39	92	294	-.1	
		ES	06 38 18.8						-.0	
07	ASB	EP	06 38 8.4				97	290	.0	
07	ASC	EP	06 38 9.9				107	295	.1	
07	SSI	IP C	06 38 10.9	15.6	.1	3.31	114	324	-.0	
		IS	06 38 24.5						.0	

07	6 44	29.91	51.47 N 178.46 E	DEPTH = 58.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

07	ANA	IP	06 44 39.3				22	39	.0	
07	RAT	IP	06 44 40.2	14.8	.1	3.08	38	346	-.1	
07	AND	IP	06 44 40.4				36	73	.2	
07	ASC	IP	06 44 41.3				49	91	.0	
07	ASB	IP	06 44 41.9	4.7	.1	2.65	56	102	-.1	
		ES	06 44 50.6						-.1	
07	ASD	IP	06 44 42.5	2.7	.1	2.42	62	98	-.0	
07	SSI	IP	06 44 45.8	1.5	.1	2.27	91	58	.0	
		IS	06 44 57.3						-.1	

07	7 45	43.29	51.10 N 179.86 E	DEPTH = 37.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

07	ASD	EP	07 45 52.8	4.2	.1	2.49	48	312	-.3	
07	ASB	EP	07 45 53.6	4.9	.1	2.57	51	304	.1	
		ES	07 46 .9						-.1	
07	ASC	EP	07 45 55.3				63	310	.3	
07	AND	EP	07 45 57.6				81	309	.0	
07	SSI	IP	07 45 58.8	14.2	.1	3.20	90	348	.0	
07	ANA	EP	07 46 .4				102	305	-.1	

07	ADK	EP	08 11 12.5							
		ES	08 11 21.6							

07	ADK	EP	08 42 9.5							
		ES	08 42 35.7							

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
07	9 41	22.09	50.82 N 177.67 E	DEPTH = 10.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ANA	EP	09 41 40.9				114	37	.2	
07	RAT	IP	09 41 41.4	8.2	.1	3.04	118	23	-.0	
07	AND	EP	09 41 41.7				122	47	-.3	
07	ASB	EP	09 41 42.7	7.9	.1	3.05	126	61	.1	
		ES	09 41 57.3						-.2	
07	ASC	EP	09 41 43.0				127	55	.3	
07	ASD	EP	09 41 43.6				133	61	-.1	
07	SSI	IP	09 41 50.4	28.8	.1	3.75	179	48	-.2	
		IS	09 42 11.6						.2	
07	ADK	IP	11 26 51.1							
		ES	11 26 59.8							
07	SSI	IP	13 52 12.3	6.3	.1					
		IS	13 52 36.8							
07	ASD	EP	13 52 15.2	4.9	.1	2.95				
07	ASC	EP	13 52 15.9							
07	ASB	EP	13 52 16.2	5.6	.1	3.02				
		ES	13 52 35.1							
07	AND	EP	13 52 16.5							
07	ANA	EP	13 52 17.3							
07	RAT	EP	13 52 19.2	4.4	.1					
		IS	13 52 43.1							
07	15 19	58.10	51.52 N 179.79 E	DEPTH = 74.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASD	IP	15 20 9.9	19.0	.1	3.26	35	245	-.0	
07	SSI	IP	15 20 10.5	17.6	.1	3.25	43	341	.0	
07	ASB	IP	15 20 10.5				42	245	.1	
		IS	15 20 19.2						-.1	
07	ASC	IP	15 20 10.6				44	261	.1	
07	ACE	IP	15 20 10.6				45	253	-.0	
07	ACA	IP	15 20 10.7				47	265	-.0	
07	ACD	IP	15 20 10.8				47	257	.1	
07	ACB	IP	15 20 10.9				49	262	-.0	
07	ACF	IP	15 20 11.4				55	271	-.0	
07	AND	IP	15 20 11.5				58	275	-.2	
07	ANA	IP	15 20 13.8				79	279	.2	
07	RAT	IP	15 20 16.2	24.8	.1	3.55	106	287	-.2	
		IS	15 20 29.9						.2	
07	15 51	.50	51.22 N 180.00 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ASD	EP	15 51 11.0	1.0	.1	1.91	50	293	-.3	
07	ASB	EP	15 51 11.7				55	287	-.1	
		ES	15 51 19.7						-.4	
07	ACE	EP	15 51 12.4				61	290	-.1	
07	ASC	EP	15 51 13.0				64	295	.1	
07	ACD	EP	15 51 13.2				64	291	.3	
07	ACA	IP	15 51 13.3				68	296	-.0	
07	ACB	EP	15 51 13.5				69	294	.1	
07	SSI	IP	15 51 14.6	11.7	.1	3.11	80	339	-.2	
		ES	15 51 25.2						.0	
07	RAT	EP	15 51 21.7	2.2	.1	2.54	133	300	.6	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
07	16	2	4.10	51.53 N	176.92 W	DEPTH = 49.0 KM	M8 = 4.3			TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
07	ADK	IP	0 16 02 14.9				43	22	.8	FELT I. 3.8ML
		ES	16 02 23.9						2.4	
07	SSI	IP	16 02 39.7	184.0	.1		244	281	1.2	
07	ASD	EP	16 02 39.9	89.5	.2		260	268	.5	
07	ASB	EP	16 02 41.1	124.4	.2		267	268	.2	
		ES	16 03 18.0						9.6	
07	ASC	EP	16 02 42.4				271	270	.5	
07	ACE	IP	16 02 42.4				271	269	.5	
07	ACD	IP	16 02 42.8				274	269	.7	
07	ACA	IP	16 02 42.9				275	271	.7	
07	ACB	IP	16 02 43.1				277	270	.6	
07	ACC	IP	16 02 43.9				280	271	1.0	
07	ACF	EP	16 02 44.7				283	272	1.4	
07	AND	EP	16 02 44.8				286	272	1.2	
07	ANA	EP	16 02 47.5				306	274	1.4	
07	RAT	IP	16 02 50.2	203.6	.1		329	277	1.2	
		ES	16 03 29.4						7.6	
07	NIK	EP	16 03 20.0				573	71	1.0	
07	SHY	EP	16 03 26.0				628	286	.2	
07	GMA	EP	16 05 53.0				1793	24	3.3	
07	RAT	IP	0 16 33 .5	27.9	.1	3.44				
		IS	16 33 9.9							
07	SSI	IP	16 33 11.7	7.8	.1	3.17				
		IS	16 33 30.7							
07	RAT	EP	17 30 56.1	9.8	.1					
07	ACC	IP	17 31 1.7							
07	AND	IP	17 31 1.8							
07	ACF	IP	17 31 1.8							
07	ACB	IP	17 31 1.9							
07	ANA	IP	17 31 2.1							
07	ACD	IP	17 31 2.1							
07	ACA	IP	17 31 2.2							
07	ACE	IP	17 31 2.2							
07	ASC	IP	17 31 2.4							
07	ASB	IP	17 31 2.6	6.8	.1	2.66				
		ES	17 31 8.7							
07	ASD	IP	17 31 3.3	6.2	.1	2.65				
07	SSI	EP	17 31 7.8							
		IS	17 31 17.8							
07	17	42	13.13	51.64 N	178.67 E	DEPTH = 75.1 KM				FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
07	ANA	IP	17 42 24.0				2	195	.1	
07	AND	IP	17 42 24.4				22	114	.0	
07	RAT	IP	17 42 24.6	34.4	.1	3.51	29	307	.1	
		IS	17 42 33.0							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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7	18	1	46.50	61.96 N 149.44 W	DEPTH = 77.0 KM	MB = 3.5	TELESEISMIC SOLUTION			
CENTRAL ALASKA										

07	18 44	5.03	51.94 N 179.72 E	DEPTH = 175.0 KM	FIXED DEPTH SOLUTION					
RAT ISLANDS, ALEUTIAN ISLANDS										

07	ASD	EP	18 44 29.7	3.1	.1	2.80	66	203	-.1	
07	AND	EP	18 44 29.7				67	232	-.1	
07	ASC	EP	18 44 29.9				65	216	-.2	
07	ASB	IP	18 44 30.0	8.4	.1	3.24	72	207	-.0	
07	ANA	EP	18 44 30.5				81	245	.0	

07	20 36	3.20	51.99 N 178.37 W	DEPTH = 33.0 KM	TELESEISMIC SOLUTION					
DELAROF ISLANDS, ALEUTIAN ISLANDS										

07	ADK	EP	20 36 22.5				116	95	.2	
		ES	20 36 37.7						1.4	
07	SSI	IP	20 36 23.9	31.0	.1	3.70	141	266	-1.7	
07	ASD	IP	20 36 28.6	5.0	.1	2.98	171	248	-.8	
		IS	20 36 48.2						-.3	
07	ASB	EP	20 36 29.6	8.9	.1	3.25	179	248	-.7	
07	ASC	EP	20 36 30.1				180	252	-.3	
07	AND	IP	20 36 30.9				190	257	-.8	
07	ANA	IP	20 36 34.1				208	260	.2	
07	RAT	IP	20 36 36.7	8.7	.1		228	266	.4	
		IS	20 37 2.9						2.4	

08	ASD	IP	00 23 57.3	57.0	.1					
08	ASB	IP	00 23 58.1	48.9	.1					
08	ASC	IP	00 23 59.6							
08	AND	IP	00 24 1.7							
		ES	00 24 12.6							
08	ANA	EP	00 24 4.6							
08	ADK	EP	00 24 13.5							
		ES	00 24 40.5							

08	0 45	16.64	51.53 N 178.94 E	DEPTH = 71.4 KM	FREE DEPTH SOLUTION					
RAT ISLANDS, ALEUTIAN ISLANDS										

08	AND	IP	00 45 26.8				4	9	-.2	
08	ACF	EP	00 45 27.0				3	92	-.0	
		ES	00 45 34.6						.0	
08	ACC	EP	00 45 27.1				8	125	.0	
08	ACA	EP	00 45 27.2				13	113	.0	
08	ACB	EP	00 45 27.2				12	125	.1	
08	ACD	EP	00 45 27.2				17	129	-.1	
08	ACE	EP	00 45 27.4				21	131	-.0	
08	ASC	IP	00 45 27.6				17	115	.3	
08	ANA	IP	00 45 27.6				22	300	.1	
08	ASB	IP	00 45 27.7	2.6	.1	2.37	28	131	-.0	
		ES	00 45 35.6						-.2	
08	ASD	IP	00 45 27.9	2.4	.1	2.34	32	119	-.0	
08	RAT	IP	00 45 29.3				52	306	-.1	
08	SSI	IP	00 45 30.0				60	47	-.1	
		IS	00 45 40.0						.1	

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	1 17	20.19	51.11 N 179.45 E DEPTH = 37.5 KM					FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASD	IP D	01 17 28.1	89.5	.1	3.73	33	346	-.1	
08	ASB	IP D	01 17 28.1				32	333	.0	
		IS	01 17 33.4						-.5	
08	ACE	IP	01 17 28.8				38	329	.0	
08	ASC	IP	01 17 29.7				45	333	.2	
08	ACB	IP	01 17 29.9				47	328	.1	
08	ACD	IP	01 17 29.3				42	328	.1	
08	ACC	IP	01 17 30.5				51	326	.2	
08	ACF	IP	01 17 31.3				57	326	.2	
08	AND	IP	01 17 31.7				62	326	-.0	
08	ANA	EP	01 17 34.2				80	317	-.1	
08	SSI	IP	01 17 35.4	103.3	.2	3.75	88	6	-.0	
		IS	01 17 46.5						.0	
08	RAT	IP	01 17 38.1				110	315	-.3	
		ES	01 17 51.8						.2	
.....										
08	1 19	47.85	51.66 N 179.86 E DEPTH = 87.2 KM					FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
08	SSI	IP	01 20 .6				32	324	-.3	
		IS	01 20 10.8						.3	
08	ASD	IP D	01 20 1.8	6.6	.1	2.87	47	230	.0	
08	ASB	EP	01 20 2.3	5.1	.1	2.78	54	232	.0	
		ES	01 20 12.4						-.4	
08	ASC	EP	01 20 2.5				53	245	.3	
08	AND	EP	01 20 3.1				64	260	.1	
08	ANA	IP D	01 20 4.9				83	268	.2	
08	RAT	IP	01 20 6.8				107	279	-.2	
.....										
08	2 23	40.47	50.98 N 179.18 E DEPTH = 23.6 KM					FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASB	IP D	02 23 48.6	12.1	.1	2.86	43	6	.1	
		ES	02 23 54.3						-.1	
08	ASD	IP C	02 23 48.8	11.3	.1	2.86	47	14	-.4	
08	ACE	EP	02 23 49.3				47	359	.2	
08	ACD	EP	02 23 49.7				50	356	.1	
08	ASC	EP	02 23 50.2				54	359	.1	
08	ACC	EP	02 23 50.2				57	350	-.4	
08	ACR	EP	02 23 50.4				54	353	.2	
08	ACA	EP	02 23 50.7				56	356	.3	
08	AND	EP	02 23 52.0				67	346	-.0	
08	ANA	EP	02 23 54.0				81	333	-.1	
08	SSI	IP	02 23 57.8	10.2	.1	3.10	106	15	.0	
		IS	02 24 10.4						-.0	
08	RAT	IP	02 23 58.2	3.6	.1	2.66	109	327	-.1	
.....										
08	5 20	35.27	50.31 N 178.69 E DEPTH = 81.0 KM					FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASB	EP	05							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	8 45	32.29	51.56 N 178.83 E	DEPTH = 74.4 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	IP	08 45 43.0				9	84	-.1	
08	ACF	IP	08 45 43.2				12	106	.1	
08	ANA	IP	08 45 43.3				14	304	.1	
08	ACB	IP	08 45 43.4				21	120	-.0	
08	ACC	IP	08 45 43.4				17	118	.1	
08	ACA	IP	08 45 43.5				22	112	.1	
08	ACD	IP	08 45 43.6				25	123	-.0	
08	ASC	IP	08 45 43.7				25	114	.1	
08	ACE	IP	08 45 43.7				29	126	-.1	
08	ASB	IP	08 45 44.1	12.6	.1	3.08	36	127	-.1	
		ES	08 45 52.8						-.1	
08	ASD	IP	08 45 44.4	2.7	.1	2.42	40	117	-.0	
08	RAT	IP	08 45 44.6	19.9	.1	3.30	44	308	-.1	
08	SSI	IP	08 45 46.4	35.5	.1	3.60	64	54	.0	
		IS	08 45 56.6						-.0	
.....										
08	SSI	IP	10 03 .1							
		IS	10 03 13.5							
08	ASD	EP	10 03 16.3	2.9	.1					
08	ASB	EP	10 03 17.2	7.9	.1					
08	ASC	EP	10 03 17.8							
08	AND	EP	10 03 18.9							
08	ANA	EP	10 03 21.1							
.....										
08	10 41	15.18	50.68 N 178.95 W	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
08	ASD	EP	10 41 36.7	6.9	.1	3.06	143	304	-.5	
08	ASB	EP	10 41 37.4	4.4	.1	2.88	147	302	-.2	
		ES	10 41 54.0						-.0	
08	ASC	EP	10 41 39.0				158	304	.0	
08	SSI	IP	10 41 40.3	13.3	.1	3.41	169	323	-.0	
		IS	10 41 58.7						.0	
08	AND	EP	10 41 41.2				176	305	-.0	
08	ANA	EP	10 41 44.3				197	303	.5	
08	RAT	EP	10 41 47.7	11.5	.1		227	304	.2	
.....										
08	12 54	22.75	51.55 N 179.68 E	DEPTH = 78.6 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASD	EP	12 54 34.5	1.5	.1	2.18	29	233	-.2	
08	ASB	EP	12 54 35.2				37	235	.1	
		ES	12 54 43.9						-.3	
08	ASC	EP	12 54 35.3				37	255	.1	
08	ACE	EP	12 54 35.3				39	245	.0	
08	ACA	EP	12 54 35.4				40	259	.1	
		IS	12 54 44.7						.2	
08	ACD	EP	12 54 35.5				40	250	.2	
08	ACB	IP D	12 54 35.6				42	257	.1	
08	AND	EP	12 54 35.8				50	272	-.3	
08	ANA	EP	12 54 37.7				71	277	-.1	
.....										
08	13 22	46.67	51.40 N 178.78 E	DEPTH = 45.5 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	EP	13 22 54.5				22	33	-.1	
08	ACB	IP	13 22 54.7				22	72	.1	
08	ANA	EP	13 22 54.9				27	341	-.0	
08	ACA	IP	13 22 54.9				25	69	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
.	.	ES	13 23 .7						-.1	.
. 08	ACD	IP	13 22 54.9				25	83	.1	.
. 08	ACE	IP	13 22 54.9				27	90	-.1	.
. 08	ASC	EP	13 22 55.1				27	75	.1	.
. 08	ASB	EP	13 22 55.3	2.1	.1	2.15	32	98	-.1	.
. 08	ASD	EP	13 22 56.0	2.4	.1	2.23	39	91	-.0	.
.	IS		13 23 2.8						-.1	.

08	RAT	EP	15 43 4.8	6.8	.1	3.04				
	IS		15 43 20.6							

08 16 7 12.92 51.17 N 178.67 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

. 08	ACE	EP	16 07 21.2				44	53	.0	.
. 08	ASB	EP	16 07 21.3				46	62	-.2	.
.	ES		16 07 27.2						-.5	.
. 08	ACB	IP	16 07 21.3				44	42	.1	.
. 08	ACD	EP	16 07 21.4				44	48	.2	.
. 08	ACF	EP	16 07 21.7				46	29	.2	.
. 08	ACA	EP	16 07 21.7				47	42	.1	.
.	ES		16 07 28.0						.0	.
. 08	ASC	EP	16 07 21.8				48	46	.1	.
. 08	AND	EP	16 07 21.8				48	24	-.0	.
. 08	ANA	IP C	16 07 22.4				51	359	.2	.
. 08	ASD	EP	16 07 22.5	.3	.1	1.30	53	62	-.0	.
. 08	RAT	EP	16 07 25.2				74	342	-.4	.

08	SSI	IP	16 11 37.7	9.3	.1	3.24				
	ES		16 11 56.6							
08	ASD	EP	16 11 38.0	2.7	.1	2.70				
	ES		16 11 56.8							
08	ASB	EP	16 11 39.4	2.8	.1	2.74				
08	ASC	EP	16 11 39.7							

08 16 23 48.03 51.38 N 178.32 W DEPTH = 75.0 KM FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

. 08	SSI	IP	16 29 12.0	6.8	.1	3.11	155	292	-.1	.
.	ES		16 29 29.7						.1	.
. 08	ASD	EP	16 29 12.7				162	271	-.2	.
. 08	ASB	EP	16 29 13.9				169	270	.2	.
.	ES		16 29 32.3						-.1	.
. 08	ASC	EP	16 29 14.4				175	274	.0	.

08 18 48 40.90 51.56 N 177.19 W DEPTH = 56.0 KM TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIANS ISLANDS

. 08	ADK	IP C	18 48 52.5				50	44	.4	.
.	IS		18 49 1.1						.8	.
. 08	SSI	IP	18 49 13.3				225	281	.3	.
.	ES		18 49 39.1						2.6	.
. 08	ASD	IP	18 49 15.2	8.5	.1		241	267	.2	.
. 08	ASB	EP	18 49 16.2	9.8	.1		248	266	.4	.
. 08	ASC	EP	18 49 16.9				253	269	.5	.
.	IS		18 49 45.4						3.1	.
. 08	AND	EP	18 49 18.7				267	271	.5	.
. 08	ANA	EP	18 49 21.4				287	273	.8	.
. 08	RAT	EP	18 49 23.9				310	277	.4	.

08	ASD	EP	19 46 2.8	1.7	.1	2.39				
08	ASB	EP	19 46 4.5							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	ATI (DEG)	RES (SEC)	REMARKS
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ES 19 46 20.1

08	22	2 45.33	50.29 N 178.63 E	DEPTH = 23.5 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASB	IP D	22 03 6.0	32.2	.1	3.67	127	20	.2	
		IS	22 03 20.6						-.1	
08	ASD	EP	22 03 6.4	6.7	.1	3.00	132	22	-.3	
		IS	22 03 22.1						-.1	
08	ASC	IP	22 03 7.3				136	16	.1	
08	AND	EP	22 03 8.3				143	9	-.0	
08	ANA	EP	22 03 9.3				149	1	.2	
08	RAT	EP	22 03 11.9				169	353	-.2	
08	SSI	EP	22 03 14.7	19.8	.1	3.61	190	20	.0	
		IS	22 03 36.3						.2	

08	22	7 48.29	51.40 N 178.74 E	DEPTH = 45.7 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	IP C	22 07 56.3				23	38	-.0	
08	ACF	IP	22 07 56.4				22	51	.1	
08	ACC	IP	22 07 56.4				23	65	.1	
08	ACB	IP	22 07 56.6				25	73	.1	
08	ANA	EP	22 07 56.7				26	347	.2	
08	ACD	IP	22 07 56.7				27	83	.0	
08	ACA	IP	22 07 56.8				28	71	.1	
08	ACF	IP	22 07 56.8				30	90	-.0	
08	ASC	IP	22 07 56.9				30	76	.0	
08	ASB	IP	22 07 57.2	192.6	.1	4.12	35	97	-.1	
		IS	22 08 37.4						-.5	
08	ASD	IP	22 07 57.8				41	91	-.1	
08	RAT	IP	22 07 59.1	213.6	.1	4.25	53	327	-.1	
		ES	22 08 6.8						-.3	
08	SSI	IP	22 08 2.5	121.9	.1	4.11	80	46	.1	

08	22	42 35.84	51.12 N 179.44 E	DEPTH = 34.3 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ASD	IP D	22 42 43.1	9.4	.1	2.72	31	347	-.2	
08	ASB	IP	22 42 43.2	3.3	.1	2.27	30	333	.0	
		ES	22 42 48.4						-.1	
08	ACE	EP	22 42 43.9				36	329	-.0	
08	ACD	EP	22 42 44.5				40	328	.1	
08	ASC	IP	22 42 44.7				43	333	.0	
08	ACB	IP	22 42 45.1				45	327	.1	
08	ACA	EP	22 42 45.2				46	331	.1	
08	ACC	IP	22 42 45.6				49	325	.1	
08	ACF	IP	22 42 46.3				55	325	.1	
08	AND	EP	22 42 46.8				60	325	-.1	
08	SSI	IP	22 42 50.6	6.8	.1	2.86	86	7	-.1	
		IS	22 43 1.5						.1	
08	RAT	EP	22 42 53.6				108	315	-.2	

09	0	26 56.93	51.18 N 178.71 E	DEPTH = 24.5 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ASB	EPG	00 27 5.0	2.1	.1	2.10	42	62	.0	
		ES	00 27 10.8						-.1	
09	AND	IPG	00 27 5.4				46	22	-.1	
09	ASC	EPG	00 27 5.5				45	45	.2	
09	ASD	EPG	00 27 5.9	.8	.1	1.75	50	62	-.1	
09	ANA	IPG	00 27 6.0				50	356	-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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09	4 15	20.19	51.44 N 179.52 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	SSI	EP	04 15 34.1	6.7	.1	2.86	79	309	-.3	
09	ASD	EP	04 15 34.4	2.4	.1	2.41	79	266	.0	
09	ASB	EP	04 15 35.1	5.6	.1	2.81	86	264	-.1	P SPIKE
		ES	04 15 46.0						-.2	
09	ASC	EP	04 15 35.7				92	272	-.1	
09	RAT	EP	04 15 44.1	.8	.1	2.15	154	286	.6	

09	SSI	IPG	07 36 11.3	5.5	.1	2.52				
		ES	07 36 16.7							
09	ASD	EPG	07 36 16.4	.7	.1	1.69				
09	ASB	EPG	07 36 16.9	1.3	.1	1.98				
		ES	07 36 23.7							
09	RAT	EP	07 36 23.0	1.3	.1					
09	RAT	IP	08 04 14.2	43.2	.2					
09	ANA	EP	08 04 17.0							OP
09	AND	EP	08 04 19.5							OP
09	SSI	EP	08 04 25.8	6.6	.1	2.28				
		E(S)	08 04 28.2							

09	10 14	17.39	51.02 N 178.48 E	DEPTH = 41.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ACB	EP	10 14 29.5				65	41	-.2	
		ES	10 14 38.5						-.1	
09	ACC	EP	10 14 29.5				65	37	-.1	
09	AND	EP	10 14 29.9				69	29	-.2	V. EMERGENT QUAKE
09	ACA	EP	10 14 29.9				68	41	-.1	
09	ANA	EP	10 14 30.2				68	11	.1	OS
		E(S)	10 14 39.6						.2	
09	ASC	EP	10 14 30.8				69	44	.7	OP.
09	RAT	EP	10 14 32.4	2.1	.1	2.37	87	353	-.0	

09	ASD	EP	10 31 22.1	1.8	.1					OP. POSS. REGIONAL
09	ASB	EP	10 31 22.3	2.0	.1					NO S VISIBLE
09	ASC	EP	10 31 22.7							

09	10 52	37.05	50.93 N 178.56 E	DEPTH = 32.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	ACE	IP	10 52 49.1				67	39	.0	
09	ASB	EP	10 52 49.3	1.6	.1	2.15	68	45	.2	
		ES	10 52 58.2						.3	
09	ACB	IP	10 52 49.5				70	32	.1	
09	ASC	EP	10 52 49.8				73	35	-.0	
09	ACA	EP	10 52 49.8				73	32	.0	
09	ASD	EP	10 52 50.0	1.4	.1	2.12	75	46	-.1	
		ES	10 52 59.2						-.4	
09	AND	EP	10 52 50.1				75	21	-.1	
09	ANA	EP	10 52 50.6				78	5	.0	
09	RAT	EP	10 52 53.4	3.0	.1	2.55	98	350	-.1	
		ES	10 53 5.6						.1	
09	SSI	E(P)	10 52 58.0	6.9	.1	3.01	129	33	.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	11 58	27.71	49.97 N 177.70 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
09	ASD	EP	11 59 3.9	2.8	.2		262	308	-.4	
09	ASB	EP	11 59 4.8	1.4	.1		266	307	.0	
		ES	11 59 31.8						.0	
09	ASC	EP	11 59 6.2				277	308	.1	
09	SSI	EP	11 59 7.4	5.8	.1		287	319	.0	
09	RAT	EP	11 59 14.9	2.7	.1		346	308	.3	
09	SSI	EP	12 41 47.8	7.1	.1	2.89				
		ES	12 41 58.1							
09	ASD	EP	12 41 52.7	.8	.1	1.99				QP
09	ASB	EP	12 41 53.6	.9	.1	2.05				QP
		ES	12 42 5.5							
09	ASC	EP	12 41 53.7							QP
09	ANA	EP	12 41 57.8							QP
09	RAT	E(P)	12 42 .3	3.2	.2					QTAMP
09	ADK	EP	14 15 56.6							
		ES	14 16 9.4							
09	ASD	EP	14 16 34.1	1.4	.1					
09	ASB	EP	14 16 34.9	4.1	.2					
		F(S)	14 17 17.7							
09	ASC	EP	14 16 35.8							
09	AND	EP	14 16 37.3							
09	ANA	EP	14 16 39.5							
09	RAT	EP	14 16 41.9	7.0	.2					
09	14 25	22.83	51.47 N 179.43 W	DEPTH = 80.5 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	ASD	EP	14 25 39.4	1.1	.2	1.87	85	265	.0	
09	ASB	EP	14 25 40.1	2.2	.2	2.18	92	263	.0	
		ES	14 25 52.7						.0	
09	ASC	EP	14 25 40.6				97	270	.0	QP
09	RAT	IP	14 37 33.2	18.0	.1	3.45				
		IS	14 37 48.5							
09	ANA	EP	14 37 36.8							
		E(S)	14 37 56.7							
09	AND	EP	14 37 40.0							
09	ASC	EP	14 37 42.2							
09	SSI	EP	14 37 45.2	3.2	.1					
09	RAT	IP	15 20 14.5	15.0	.2					
09	ANA	EP	15 20 17.4							QP
09	SSI	EP	15 20 25.5	36.6	.1					
09	16 7	52.60	23.98 S 179.75 E	DEPTH = 520.0 KM MB = 4.6			TELESEISMIC SOLUTION			
SOUTH OF FIJI ISLANDS										
09	ASB	EP	16 18 41.0	4.1	.4		8341	360		TELE
09	ASD	EP	16 18 41.1	4.5	.4		8345	360		
09	ASC	EP	16 18 41.7				8353	360		
09	AND	EP	16 18 42.0				8364	359		QP
09	ANA	EP	16 18 42.7				8371	359		QP
09	SSI	EP	16 18 44.0	10.7	.3		8400	360		
09	RAT	EP	16 18 44.1	6.9	.4		8391	359		
09	ASB	EP	16 57 26.7	1.6	.2	2.07				
		ES	16 57 41.1							
09	ASD	EP	16 57 27.3	.7	.1	2.02				

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	SSI	EP	16 57 35.7	2.3	.1					
09	17 34 29.17		51.15 N 179.63 W				DEPTH = 50.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
09	ASD	IP	17 34 42.2	2.8	.1	2.47	76	291	-.8	
		ES	17 34 52.7						-.4	
09	ASB	EP	17 34 43.4	2.6	.1	2.46	82	287	-.2	
09	ASC	EP	17 34 45.1				91	293	.4	QP
09	SSI	IP	17 34 45.3	15.5	.1	3.29	99	327	-.4	
		ES	17 34 57.9						.2	
09	AND	EP	17 34 46.9				109	295	.0	QP
09	ANA	E(P)	17 34 50.0				130	295	.5	
09	RAT	EP	17 34 53.7	3.4	.1	2.79	159	298	.6	
09	17 38 31.46		51.80 N 179.67 E				DEPTH = 99.1 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	SSI	IP D	17 38 45.3	206.1	.1	4.37	11	332	-.0	
		ES	17 38 55.5						.1	
09	ASD	IPG	17 38 46.9	7.1	.1	2.96	51	206	-.0	
		IS	17 38 58.1						-.1	
09	ASC	EPG	17 38 47.0				51	223	.1	
09	AND	EPG	17 38 47.2				56	242	-.0	
09	ASB	IPG	17 38 47.3	9.8	.1	3.10	57	211	-.0	
		IS	17 38 58.9						.0	
09	ANA	IPG	17 38 48.6				72	255	.2	
09	PAT	IP C	17 38 50.0	44.7	.1	3.83	92	270	-.1	
09	17 42 38.53		51.34 N 179.55 W				DEPTH = 63.6 KM			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
09	ASD	IP	17 42 52.9	8.7	.1	3.00	77	275	-.2	
		IS	17 43 3.9						.1	
09	ASB	IP	17 42 53.8	5.9	.1	2.85	84	272	-.0	POOR TAMP
		IS	17 43 5.0						.0	
09	SSI	IP	17 42 54.2	19.8	.1	3.38	86	316	.2	
		IS	17 43 5.2						-.2	
09	ASC	IP	17 42 54.8				90	279	.2	
09	AND	EP	17 42 55.2				107	284	-.2	
09	ANA	EP	17 42 59.1				128	285	.1	
09	RAT	EP	17 43 2.2	4.4	.1	2.91	155	290	-.0	
09	18 56 16.00		55.88 N 158.35 W				DEPTH = 27.0 KM	MB = 3.9		TELESEISMIC SOLUTION
			ALASKA PENINSULA							
09	SSI	EP	18 59 30.9	6.5	.2		1511	262		QP
09	ASD	EP	18 59 32.9	4.9	.2		1551	261		POSS REGIONAL
09	ASB	EP	18 59 33.7	6.5	.2		1559	261		NO S. VISIBLE
09	ASC	EP	18 59 34.5				1559	261		QP
09	RAT	EP	18 59 39.8	7.7	.2		1594	263		
09	SSI	IPGD	20 35 36.1	12.9	.1	2.79				
		ES	20 35 40.3							
09	ASD	EPG	20 35 40.5	1.5	.1	2.11				
09	ACA	EP	20 35 41.5							
09	ASB	EPG	20 35 41.6	2.3	.1	2.32				
		ES	20 35 50.2							
09	ACE	EP	20 35 41.7							
09	ACD	EP	20 35 41.8							
09	ACB	EP	20 35 41.9							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	RAT	EP	20 35 48.5	1.3	.1					QP. QTAMP.
09	ANA	IPGC	21 05 55.4							VERY LOCAL.
		ES	21 05 58.0							
09	RAT	IPGD	21 05 56.7	10.5	.1	2.65				
		IS	21 06 .4							
09	AND	IPG	21 05 57.4							
09	ACC	EPG	21 05 58.9							
09	ACB	EPG	21 05 59.5							
09	ACA	EPG	21 05 59.8							QP
09	ASC	EPG	21 06 .2							
		ES	21 06 6.4							
09	ASB	E(P)	21 06 1.7							VQP. QTAMP
		ES	21 06 8.6							
09	SSI	EP	21 06 5.3	1.8	.1	2.24				
		ES	21 06 14.3							

09 21 9 48.30 56.67 N 156.53 W DEPTH = 56.0 KM MR = 5.2 TELESEISMIC SOLUTION
ALASKA PENINSULA

09	SSI	EP	21 13 14.4	75.2	.4		1636	261		
09	ASD	EP	21 13 17.6	8.4	.1		1678	260		REGIONAL
09	ASB	EP	21 13 18.1	43.4	.3		1685	260		
		E(S)	21 16 11.0							
09	ASC	EP	21 13 18.9				1685	260		
09	AND	EP	21 13 19.5				1692	261		
09	ANA	EP	21 13 22.3				1706	261		
09	RAT	EP	21 13 23.4	72.7	.4		1717	262		
09	ADK	EP	21 13 47.4				1412	256		

09 23 8 2.26 51.10 N 178.60 E DEPTH = 36.0 KM MR = 4.3 FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

09	ACE	IPGD	23 08 12.3				52	49	-.1	LARGE LOCAL
09	ASB	IPGC	23 08 12.5				53	57	-.1	
09	ACD	IPGD	23 08 12.5				52	45	.1	OL ALL STATIONS
09	ACB	IPG	23 08 12.6				53	40	.1	
09	ACC	IPGC	23 08 12.6				53	35	.1	
09	ACF	IPGC	23 08 12.9				55	30	.1	
09	ASC	IPGD	23 08 13.0				56	44	.0	
09	ACA	IPGC	23 08 13.0				56	40	.1	
09	AND	IPGD	23 08 13.1				57	25	.0	
09	ASD	IPGC	23 08 13.3				61	57	-.3	
09	ANA	IPGD	23 08 13.3				59	4	-.0	
09	RAT	IPGD	23 08 16.1				80	346	-.2	
09	SSI	IPGD	23 08 21.0				112	37	.2	
		ES	23 08 34.1						-.2	
09	ADK	EP	23 08 51.3				338	73	2.6	
		ES	23 09 34.2						11.5	
09	SMY	EP	23 08 52.8				359	302	1.5	
09	NIK	EP	23 10 0.0				883	71	4.0	
09	GMA	EP	23 12 9.8				1977	28	-1.3	

09 23 12 39.81 51.18 N 178.62 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

09	ACE	IP C	23 12 48.3				46	57	-.0	
09	ASB	IPG	23 12 48.4	11.6	.1	2.88	48	64	-.3	
		ES	23 12 55.2						.1	
09	ACD	IP C	23 12 48.4				45	52	.1	
09	ACB	IP C	23 12 48.5				45	45	.2	
09	ACC	EP	23 12 48.5				45	40	.2	
09	ACF	IP C	23 12 48.7				47	33	.2	
09	ASC	IPG	23 12 48.9				49	50	.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 09	AND	IPGD	23 12 48.9				49	28	.1	
. 09	ACA	IP C	23 12 48.9				48	45	.2	
. 09	ASD	IPG	23 12 49.3	8.4	.1	2.79	55	64	-.4	
.	ES		23 12 56.4						-.6	
. 09	ANA	IPGD	23 12 49.3				50	3	.3	
. 09	RAT	IP D	23 12 51.8	44.7	.1	3.60	72	344	-.4	
.	E(S)		23 13 .8						-.4	
. 09	SSI	IP D	23 12 56.9	15.5	.1	3.28	104	40	-.0	
.....										
. 09	23 18	3.86	51.18 N 178.66 E	DEPTH = 25.0 KM					FIXED DEPTH SOLUTION	
.	RAT ISLANDS, ALEUTIAN ISLANDS									
. 09	ACD	EPG	23 18 12.0				43	50	-.1	
. 09	ACF	EPG	23 18 12.4				45	31	.1	
. 09	AND	IPG	23 18 12.5				47	26	-.1	
.	ES		23 18 19.0						-.0	
. 09	ACA	EPG	23 18 12.5				46	44	-.0	
.....										
. 09	RAT	EPG	23 18 57.7	2.3	.1					
.....										
. 09	23 21	.83	51.13 N 178.60 E	DEPTH = 27.6 KM					FREE DEPTH SOLUTION	
.	RAT ISLANDS, ALEUTIAN ISLANDS									
. 09	ACE	EPG	23 21 10.1				50	53	-.0	
. 09	ACD	IPG	23 21 10.2				50	48	.1	
. 09	ACB	IPG	23 21 10.3				50	43	.1	
. 09	ACC	IPG	23 21 10.3				50	38	.2	
. 09	ASB	EPG	23 21 10.4	3.7	.1	2.42	52	60	.0	
. 09	ACF	IPG	23 21 10.5				52	32	.1	
. 09	ACA	IPG	23 21 10.6				53	43	.0	
. 09	ASC	IPG	23 21 10.7				54	47	.0	
.	ES		23 21 17.5						-.4	
. 09	AND	IPGD	23 21 10.7				54	27	.0	
. 09	ASD	EPG	23 21 11.1	2.2	.1	2.24	59	60	-.3	
. 09	ANA	IPGD	23 21 11.1				55	4	.2	
.	IS		23 21 18.1						-.1	
. 09	RAT	IP	23 21 13.7	13.4	.1	3.11	77	346	-.3	
. 09	SSI	EP	23 21 18.7	7.1	.1	2.96	109	39	-.1	
.	ES		23 21 32.0						.2	
.....										
10	SSI	IP	02 01 8.6	133.0	.1	3.81				
	IS		02 01 12.9							
10	ASD	IP D	02 01 12.4	7.0	.1	2.74				
10	ASC	IP	02 01 13.4							
10	ASB	IP D	02 01 13.5	12.6	.1	3.04				
	IS		02 01 21.6							
10	ACA	EP	02 01 13.6							
10	ACE	EP	02 01 13.6							
10	ACB	EP	02 01 13.9							
10	ACD	EP	02 01 13.9							
10	ACC	EP	02 01 14.3							
10	AND	IP C	02 01 14.4							
10	ACF	EP	02 01 14.4							
10	ANA	IP C	02 01 17.3							
10	RAT	EP	02 01 20.4							
	ES		02 01 34.3							
10	ASD	EP	02 27 2.9	2.9	.1	2.79				
	IS		02 27 24.2							
10	ASB	EP	02 27 3.3							
10	ASC	EP	02 27 5.1							
10	SSI	EP	02 27 8.6	4.6	.1					
	ES		02 27 33.7							

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
10	ANA	IP	03 02 41.3							
10	AND	IP	03 02 43.7							
10	ACF	EP	03 02 44.5							
10	ACC	IP	03 02 45.2							
10	ACB	IP	03 02 45.8							
10	ACA	IP	03 02 46.0							
10	ASC	IP	03 02 46.5							
10	ACD	IP	03 02 46.5							
10	ACE	IP	03 02 46.7							
10	ASB	EP	03 02 47.4	3.5	.1	2.46				
		ES	03 02 55.1							
10	ASD	EP	03 02 48.2	4.2	.1	2.57				
10	SSI	IP	03 02 50.8	6.3	.1	2.81				
		IS	03 03 .6							
.....										
10	4 29 35.22		51.43 N 178.95 E	DEPTH = 62.5 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	AND	IP	04 29 44.6				15	2	-.1	
10	ACR	IP	04 29 44.6				11	67	-.0	
10	ACA	IP	04 29 44.7				13	62	.0	
10	ACC	IP	04 29 44.7				9	45	.1	
10	ACF	IP	04 29 44.7				16	100	-.1	
10	ACF	IP	04 29 44.7				12	16	.1	
10	ACD	IP	04 29 44.8				13	88	.1	
10	ASC	IP	04 29 44.9				16	75	.1	
10	ASB	IP	04 29 45.1	17.8	.1	3.15	22	109	.1	
		ES	04 29 52.0						-.2	
10	ASD	IP	04 29 45.2	5.7	.1	2.67	28	98	-.1	
10	ANA	EP	04 29 45.4				30	319	-.1	
10	SSI	IP	04 29 48.7	12.2	.1	3.11	68	40	-.1	
		IS	04 29 58.8						.1	
.....										
10	5 11 32.17		51.57 N 179.24 W	DEPTH = 38.4 KM				FREE DEPTH SOLUTION		
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	SSI	IP	05 11 47.5	8.3	.1	2.96	88	295	.0	
		IS	05 11 58.6						-.0	
10	ASD	EP	05 11 49.2	2.7	.1	2.51	100	259	.1	
10	ASB	EP	05 11 49.9	5.1	.1	2.82	107	258	-.1	
		ES	05 12 3.0						.0	
10	ASC	EP	05 11 50.4				111	265	-.0	
10	AND	EP	05 11 52.2				125	270	.0	
10	ANA	EP	05 11 54.7				145	273	.1	
.....										
10	5 45 37.13		51.84 N 178.25 E	DEPTH = 120.2 KM				FREE DEPTH SOLUTION		
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	RAT	IP	05 45 53.3	27.3	.1	3.57	7	127	-.2	
		IS	05 46 5.7						.2	
10	ANA	EP	05 45 54.4				37	129	.1	
10	AND	EP	05 45 55.1				58	122	-.2	
10	ASC	EP	05 45 56.9				76	123	.5	
10	ASB	EP	05 45 57.3				87	127	.0	
		ES	05 46 11.8						-.2	
10	ASD	EP	05 45 57.4	1.7	.1	2.45	91	123	-.2	
10	SSI	IP	05 45 57.7				92	86	-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	6 19	26.91	51.19 N 179.69 E	DEPTH = 37.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	ASD	IP C	06 19 34.9	4.1	.1	2.39	33	313	-.1	
		IS	06 19 40.8						-.1	
10	ASB	EP	06 19 35.2				36	302	-.1	
		IS	06 19 41.2						-.3	
10	ACE	IP D	06 19 36.0				43	304	-.1	
10	ACD	EP	06 19 36.7				47	305	.1	
10	ASC	IP D	06 19 36.8				48	310	.1	
10	ACB	EP	06 19 37.2				52	307	.0	
10	ACA	EP	06 19 37.3				51	310	.2	
10	ACC	IP D	06 19 37.8				56	307	.1	
10	ACF	EP	06 19 38.6				61	308	.2	
10	AND	IP C	06 19 39.1				66	309	.0	
10	SSI	EP	06 19 40.8				79	355	-.0	
10	ANA	EP	06 19 42.1				87	305	.2	
10	RAT	EP	06 19 45.7				116	306	-.2	
10	ADK	EP	08 00 27.3							
		ES	08 00 36.5							
10	SSI	IP C	08 00 51.3	4.9	.1					
10	ASD	EP	08 00 52.1							
10	ASB	EP	08 00 53.3							
		ES	08 01 32.1							
10	ASC	EP	08 00 54.4							
10	RAT	EP	08 01 2.7							
10	9 28	40.78	50.29 N 177.21 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	ANA	EP	09 29 10.7				181	34	.0	
10	RAT	EP	09 29 10.9				187	24	-.6	
		E(S)	09 29 34.3						.5	
10	AND	EP	09 29 11.4				188	40	-.3	
10	ASB	EP	09 29 11.6	2.3	.1	2.57	187	49	.1	
		ES	09 29 33.7						-.2	
10	ASC	EP	09 29 12.2				190	45	.2	
10	ASD	EP	09 29 12.4	1.8	.1	2.58	194	50	-.2	
10	SSI	IP C	09 29 20.1				245	42	.6	
10	11 20	31.70	11.10 N 86.77 W	DEPTH = 60.0 KM			TELESEISMIC SOLUTION			
			NEAR COAST OF NICARAGUA							
10	ADK	EP	11 32 45.5				9042	321		
10	12 43	34.47	52.04 N 179.48 E	DEPTH = 189.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	ASD	EP	12 44 1.0	2.4	.1	2.72	73	188	-.2	
10	ASC	EP	12 44 1.1				68	199	.2	
10	ANA	EP	12 44 1.1				73	231	-.0	
10	ASB	EP	12 44 1.4	3.3	.1	2.86	78	192	.0	
		ES	12 44 21.0						-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	14 5	5.23	51.10 N 179.02 W	DEPTH = 25.0 KM		FIXED DEPTH SOLUTION				
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	ASD	EP	14 05 24.0	1.4	.1	2.28	118	287	-.5	
10	ASB	EP	14 05 25.2				124	284	-.2	
10	SSI	IP	14 05 26.3	7.6	.1	3.05	131	313	-.0	
		IS	14 05 41.7						-.0	
10	ASC	EP	14 05 27.4				133	288	.8	
		ES	14 05 45.3						3.1	
10	15 48	40.12	50.73 N 179.12 W	DEPTH = 75.5 KM		FREE DEPTH SOLUTION				
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	ASD	EP	15 49 1.1	1.4	.1	2.37	131	305	-.2	
		ES	15 49 17.0						.2	
10	ASB	EP	15 49 1.8				135	302	.0	
10	ASC	EP	15 49 3.0				145	305	-.0	
10	SSI	EP	15 49 4.7	15.6	.1	3.47	158	326	.2	
		IS	15 49 22.1						-.2	
10	ASD	EP	17 07 57.2							
10	ASB	EP	17 07 58.9							
10	ASC	EP	17 07 59.7							
10	ADK	EP	17 15 3.5							
		ES	17 15 15.8							
10	17 28	35.90	52.19 N 170.56 W	DEPTH = 41.0 KM		MB = 5.3	TELESEISMIC SOLUTION			
			FOX ISLANDS, ALEUTIAN ISLANDS							
10	NIK	EP	17 28 57.5				145	52		
10	ADK	EP	17 29 33.0				422	268		4.6ML D 3.1
		ES	17 30 22.5							
10	SSI	IP	17 30 4.4				677	271		
		I	17 30 6.6							
10	ASD	EPN	17 30 7.3				703	267		
		IPG	17 30 8.8							
10	ASB	EP	17 30 8.1				710	267		
		IPG	17 30 9.8							
		ES	17 30 28.2							
10	ASC	EP	17 30 9.0				713	268		
10	AND	EP	17 30 11.6				726	269		
10	ANA	EP	17 30 14.3				745	269		
10	RAT	EP	17 30 16.8				764	271		
10	SMY	E(P)	17 30 40.0				1043	279		
10	GMA	EP	17 32 36.6				1568	16		
10	18 20	42.52	51.46 N 178.47 E	DEPTH = 37.3 KM		FREE DEPTH SOLUTION				
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	ANA	IP D	18 20 49.7				23	35	.1	
10	AND	IP D	18 20 50.7				35	70	-.1	
10	ACF	IP	18 20 51.1				37	78	.1	
10	RAT	IP D	18 20 51.4	84.4	.1	3.74	39	346	.2	
		IS	18 20 57.1						-.5	
10	ACC	IP	18 20 51.5				40	85	.2	
10	ACB	IP	18 20 51.8				43	89	.1	
10	ACA	IP	18 20 52.0				45	86	.1	
10	ACD	IP	18 20 52.1				46	94	.0	
10	ASC	IP	18 20 52.3				48	89	.0	
10	ACE	IP	18 20 52.3				49	97	-.1	
10	ASB	IP C	18 20 52.8	8.9	.1	2.85	55	101	-.4	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.		ES	18 21 9.5						8.6	
. 10	ASD	IP C	18 20 53.6	10.1	.1	2.93	61	96	-3	
. 10	SSI	IP 0	18 20 58.2	44.3	.1	3.70	91	57	.0	
.....										
. 10	19 57 55.18	51.64 N 179.40 E	DEPTH = 16.5 KM					FREE DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 10	ASC	IP	19 58 .4				25	221	.0	
. 10	ASD	IP	19 58 .6	1.4	.1	1.75	27	189	-1	
. 10	AND	IP	19 58 1.3				32	256	-0	
. 10	SSI	IP	19 58 1.3	8.3	.1	2.57	31	24	.0	
.		IS	19 58 5.6						-1	
. 10	ASB	EP	19 58 1.4				32	199	.0	
.		ES	19 58 6.0						.1	
.....										
. 10	19 59 52.50	41.13 N 138.42 E	DEPTH = 226.0 KM MB = 5.7					TELESEISMIC SOLUTION		
.		EASTERN SEA OF JAPAN								
. 10	ADK	EP	20 05 59.5				3584	55		
.....										
. 10	ASD	IP	20 07 21.2	3.6	.1	2.66				
.		IS	20 07 33.3							
. 10	ASB	IP	20 07 22.3	7.9	.1	3.02				
. 10	SSI	IP 0	20 07 22.4							
.		IS	20 07 34.8							
. 10	ASC	EP	20 07 23.5							
. 10	AND	EP	20 07 24.9							
.....										
. 10	20 28 40.01	51.45 N 178.81 E	DEPTH = 46.2 KM					FREE DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 10	AND	IP	20 28 47.7				16	38	.0	
. 10	ACC	IP	20 28 47.8				17	77	.1	
. 10	ACF	IP	20 28 47.8				15	56	.2	
. 10	ACB	IP	20 28 47.9				19	86	.0	
. 10	ANA	IP	20 28 48.1				22	332	.1	
. 10	AGA	IP	20 28 48.1				22	81	.1	
. 10	ACD	IP	20 28 48.1				23	96	.0	
. 10	ACE	IP	20 28 48.2				26	102	-1	
. 10	ASC	IP	20 28 48.3				25	87	.1	
. 10	ASB	IP	20 28 48.6	7.0	.1	2.68	32	108	-2	
.		ES	20 28 54.7						-5	
. 10	ASD	IP	20 28 49.3	9.4	.1	2.83	37	100	.0	
. 10	RAT	EP	20 28 50.4	9.8	.1	2.90	51	320	-3	
. 10	SSI	IP 0	20 28 53.6				73	47	.3	
.		IS	20 29 2.6						-4	
.....										
. 10	ADK	EP	22 43 50.5							
.		ES	22 44 14.7							
. 11	ASD	EP	02 06 46.1	2.8	.1	2.61				QP
.		E(S)	02 07 .5							
. 11	ASB	EP	02 06 46.4	2.1	.1	2.50				
. 11	ASC	EP	02 06 48.2							QP
. 11	SSI	IP	02 06 48.4	11.5	.1	3.22				
.		IS	02 07 2.5							
. 11	RAT	EP	02 06 56.8							QP
. 11	RAT	IP	03 44 59.2	24.8	.1	3.56				
.		E(S)	03 45 13.4							
. 11	ANA	EP	03 45 2.1							
.		E(S)	03 45 23.2							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	AND	EP	03 45 5.6							QP
11	ASB	E(P)	03 45 8.2	1.8	.1					QP, QS.
		E(S)	03 45 33.1							
11	ASD	E(P)	03 45 9.4	2.2	.1					QP
11	SSI	IP	03 45 11.2	4.4	.1					VERY POOR TAMP
11	RAT	EP	04 26 49.2	69.8	.3					
11	ANA	EP	04 26 52.9							TELE
11	6 40 10.51	51.10 N 179.90 E DEPTH = 31.3 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
11	ASD	EPG	06 40 19.8	2.5	.1	2.26	51	310	-.4	
11	ASB	EPG	06 40 20.8	3.1	.1	2.37	54	302	-.2	QP
		ES	06 40 27.9						-.1	
11	ACE	EPG	06 40 21.3				61	303	-.3	
11	ACC	EP	06 40 22.7				74	306	-.7	
11	ASC	EPG	06 40 23.2				65	308	1.0	QP
11	ACF	EP	06 40 24.5				79	307	-.4	QP
11	AND	EPG	06 40 24.8				84	308	-.0	QP
11	SSI	IP	06 40 25.8	9.3	.1	3.01	91	346	-.1	
11	RAT	EP	06 40 32.2	3.1	.1	2.68	134	306	-.0	QP
11	6 46 26.92	51.17 N 178.83 E DEPTH = 24.4 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
11	ACE	IPG	06 46 34.0				35	42	.0	
11	ASB	EPG	06 46 34.1	.9	.1	1.68	36	53	-.0	VERY POOR LOCAL
		ES	06 46 39.2						-.1	
11	ACD	EPG	06 46 34.2				36	36	.1	
11	ACB	IPG	06 46 34.4				38	28	.1	
11	ACA	EPG	06 46 34.8				40	29	.1	
11	ASD	E(P)	06 46 35.0				43	54	-.1	VOP
11	ACF	EPG	06 46 35.0				42	15	.1	
11	AND	EPG	06 46 35.2				45	11	-.1	
11	ANA	EPG	06 46 36.3				53	347	-.1	
11	8 19 54.81	51.10 N 179.97 E DEPTH = 28.5 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
11	ASD	EP	08 20 4.8	3.6	.1	2.43	55	307	-.0	QP
11	ASB	EP	08 20 5.3	2.4	.1	2.27	58	300	-.0	
		ES	08 20 12.9						-.1	
11	ASC	EP	08 20 6.8				69	306	-.1	QP
11	AND	EP	08 20 10.0				88	306	.4	QP
11	SSI	IP	08 20 10.2	12.0	.1	3.13	92	343	-.1	
		ES	08 20 21.6						.1	
11	RAT	EP	08 20 16.9	6.3	.1	2.99	138	305	-.2	QP
11	8 50 22.50	49.86 N 179.98 W DEPTH = 33.0 KM MB = 4.0 DELAROF ISLANDS, ALEUTIAN ISLANDS								TELESEISMIC SOLUTION
11	ASB	IP C	08 50 47.9	155.2	.3	4.00	176	342	-1.4	
		IS	08 51 5.8						.2	
		E(T)	08 52 8.3							
11	ASD	IP C	08 50 48.0	50.0	.1	3.99	177	344	-1.4	POSS T WAVE
		ES	08 51 6.0						-.1	
		E(T)	08 52 4.7							
11	ASC	IP	08 50 51.2				189	342	.4	
		E(T)	08 52 20.9							
11	AND	IP	08 50 53.5				204	339	.8	
11	ANA	EP	08 50 53.5				219	334	-1.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	SSI	EP	08 50 55.7	75.4	.1		229	352	-0.0	
11	RAT	EP	08 50 57.2	35.8	.1		247	332	-0.8	
		E(S)	08 51 22.3						-1.5	
11	ADK	IP	08 51 7.5				323	45	.1	
		IS	08 51 39.6						-0.6	

11 9 0 26.66 52.34 N 178.36 W DEPTH = 256.6 KM FREE DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

11	SSI	IP	09 01 5.0	26.5	.1	3.91	149	251	-0.0	
11	ASD	IPGD	09 01 7.9	38.2	.1	4.10	190	237	-0.0	
11	ASB	EPG	09 01 8.4	247.0	.2	4.62	198	237	-0.1	
		I	09 01 14.1							
		TS	09 01 39.0						.0	
11	ASC	EPG	09 01 8.5				196	241	.1	
11	AND	EPG	09 01 8.9				204	246	-0.1	
11	ANA	EPG	09 01 10.2				219	250	-0.0	
11	RAT	IP	09 01 11.5	115.2	.1		234	256	.0	

11 10 48 47.90 49.95 N 156.47 E DEPTH = 55.0 KM MR = 5.2 TELESEISMIC SOLUTION
KURIL ISLANDS

11	RAT	EP	10 52 1.1	58.2	.4		1548	74		
11	ASC	EP	10 52 16.4				1607	75		
11	ASB	EP	10 52 16.7				1613	76		
11	ASD	EP	10 52 17.5				1620	76		TELE
11	ADK	EP	10 52 43.5				1891	73		

11 11 57 3.09 50.94 N 178.91 E DEPTH = 22.5 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

11	ASC	EPG	11 57 12.2				61	17	-1.6	
11	ASB	IPG	11 57 12.6	3.3	.1	2.36	53	26	.1	
		ES	11 57 19.4						.0	
11	ACC	EPG	11 57 12.6				62	8	-1.2	
11	ACB	EPG	11 57 13.0				55	19	.2	
		ES	11 57 20.2						.3	
11	ASD	IPG	11 57 13.4	6.9	.1	2.71	59	31	-0.0	
		IS	11 57 20.8						-0.1	
11	ACD	EPG	11 57 13.7				57	16	.6	
11	ACB	EPG	11 57 14.0				60	12	.4	
11	ACA	EPG	11 57 14.4				62	13	.5	
11	ACF	EPG	11 57 14.6				66	5	.2	
11	AND	EPG	11 57 15.0				70	2	-0.0	
11	ANA	EPG	11 57 16.5				79	347	.1	
11	SSI	EP	11 57 22.2	7.3	.1	2.99	116	24	.2	

11 12 32 39.58 51.40 N 178.73 E DEPTH = 47.5 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

11	AND	EPG	12 32 47.7				24	40	-0.1	
11	ACF	IPG	12 32 47.8				23	52	.0	
		E(S)	12 32 53.7						-0.1	
11	ACC	EPG	12 32 47.9				23	66	.1	
11	ANA	EPG	12 32 48.0				26	349	.0	
11	ACB	IPG	12 32 48.0				26	74	.0	
11	ACA	EPG	12 32 48.2				28	71	.0	
11	ACD	IPG	12 32 48.2				28	83	.0	
11	ACE	IPG	12 32 48.2				31	90	-0.2	
11	ASC	EPG	12 32 48.4				31	77	.0	
11	ASB	EPG	12 32 48.8	1.2	.1	1.93	36	97	-0.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	12 32 54.8						-0.8	
11	ASD	EPG	12 32 49.5	1.4	.1	2.03	42	91	.1	POOR TAMP
		ES	12 32 55.9						-0.7	
11	ASD	E(P)	12 40 2.3	2.0	.1					POSS REGIONAL
11	ASB	E(P)	12 40 3.1	15.9	.2					NO'S VISIBLE
11	ASC	E(P)	12 40 3.9							
11	12 56	4.30	17.97 N 69.78 W	DEPTH = 57.0 KM	MB = 6.1					TELESEISMIC SOLUTION
			DOMINICAN REPUBLIC REGION							
11	ADK	EP	13 08 41.6				9568	324		
		ESKS	13 19 10.0							
		ER	13 37 50.0							
11	ASC	EP	13 08 51.6				9847	324		OP TELE
11	SSI	EP	13 08 51.7	13.0	.4		9799	325		
11	ASB	E(P)	13 08 54.1	12.0	.4		9847	324		OP
11	13 35	2.53	51.57 N 179.49 W	DEPTH = 72.3 KM						FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
11	SSI	IP D	13 35 17.4	16.8	.1	3.30	73	300	.1	
		ES	13 35 27.9						-0.2	
11	ASD	IPG	13 35 18.3	6.9	.1	2.94	84	257	-0.0	
		ES	13 35 30.2						.3	
11	ASB	IPG	13 35 19.0	7.0	.1	2.96	91	256	-0.1	
		ES	13 35 31.0						-0.2	
11	ASC	IPG	13 35 19.6				94	263	.1	
11	AND	EP	13 35 20.7				108	270	-0.3	
11	ANA	EP	13 35 23.3				128	274	.0	
11	RAT	E(P)	13 35 26.3				153	280	.1	
11	13 58	37.70	51.49 N 176.08 E	DEPTH = 32.0 KM	MB = 5.9	MS = 6.5				TELESEISMIC SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
11	RAT	EP	13 59 2.0				159	77	-0.4	OL
11	ANA	EP	13 59 5.0				179	84	.1	LG PEG OR TELE
11	SMY	EP	13 59 6.3				194	316	-0.4	
11	AND	EP	13 59 6.3				199	86	-1.1	14 MIN DURATION
11	ASC	EP	13 59 8.7				214	90	-0.5	OP
11	ASB	EP	13 59 9.2				220	92	-0.8	OL
11	ASD	EP	13 59 9.8				226	91	-1.0	OL
11	SSI	EP	13 59 13.9				246	78	.7	OL
		E(S)	13 59 44.7						5.6	
11	ADK	EP	13 59 45.8				501	82	1.2	
		ELG	14 00 50.2							
11	RAT	EP	14 08 1.7	15.5	.2	3.16				QS
		E(S)	14 08 20.4							
11	ANA	EP	14 08 4.4							AFTERSHOCK QS
		E(S)	14 08 33.1							
11	AND	EP	14 08 5.8							
11	SSI	EP	14 08 13.3							
11	RAT	EP	14 10 56.4	116.7	.1	4.36				
		I(S)	14 11 16.4							
11	SMY	EP	14 10 57.4							
11	ANA	EP	14 10 59.1							AFTERSHOCK
		E(S)	14 11 26.7							
11	SSI	IP	14 11 8.0	83.0	.3					

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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11	14 13	33.66	51.33 N 175.96 E	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
11	RAT	IP	14 13 58.9	272.7	.3	4.25	173	71	-.3	
		E(S)	14 14 17.8						-.1	
11	ANA	EP	14 14 1.6				191	79	.1	AFTERSHOCK
		E(P)	14 14 7.1							
11	SMY	EP	14 14 2.8				201	322	.0	
11	AND	EP	14 14 3.0				210	82	-.8	
11	ASC	EP	14 14 5.4				223	85	-.1	
11	ASB	EP	14 14 6.4				229	88	.2	
		E(P)	14 14 13.9	54.4	.4					
		E(S)	14 14 30.0						.1	
11	SSI	IP	14 14 10.7				259	74	.8	WHITE OUT

11	14 16	22.01	51.44 N 175.96 E	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
11	RAT	EP	14 16 46.9	254.1	.3	4.21	169	75	-.2	
		E(S)	14 17 5.4						-.9	
11	SMY	EP	14 16 50.0				192	319	-.0	
11	ANA	EP	14 16 49.6				188	82	.1	AFTERSHOCK
11	AND	EP	14 16 50.8				208	85	-1.1	
11	ASC	EP	14 16 53.5				222	88	-.2	QP
11	ASB	EP	14 16 55.1				228	91	-.6	VQP
		E(P)	14 17 .8	17.8	.2					
11	SSI	EP	14 16 58.5	118.0	.2		255	77	.7	QTAMP

11	RAT	EP	14 23 2.9	297.5	.3	4.27				
		E(S)	14 23 21.7							
11	ANA	EPN	14 23 5.2							AFTERSHOCK
		IP	14 23 8.4							
11	AND	EP	14 23 7.0							
11	ASC	EP	14 23 9.4							
11	ASB	EP	14 23 9.9	24.9	.3					QP
11	SSI	EP	14 23 14.5	106.2	.3					

11	14 24	5.35	51.31 N 175.76 E	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
11	RAT	EP	14 24 32.7	254.5	.2	4.42	186	72	.2	
		E(S)	14 24 52.1						-.3	
11	SMY	EP	14 24 33.6				195	325	-.1	
11	ANA	EPN	14 24 34.7				204	79	-.1	AFTERSHOCK
		IP	14 24 35.6							
11	AND	EP	14 24 36.6				223	82	-.5	
11	ASC	EP	14 24 39.0				237	85	.2	
11	ASB	EPN	14 24 39.4				242	87	-.1	
		EP	14 24 41.9	9.6	.1					
11	ASD	EP	14 24 40.3	66.4	.3		249	87	-.0	
11	SSI	IP	14 24 43.9	55.4	.1		272	75	.7	

11	14 34	23.32	51.58 N 177.72 E	DEPTH = 55.6 KM		FREE DEPTH SOLUTION				
PAT ISLANDS, ALEUTIAN ISLANDS										
11	RAT	EP	14 34 34.4	19.9	.1	3.24	49	60	-.0	
		ES	14 34 42.1						-.4	
11	ANA	IP	14 34 36.4				65	85	.3	
		ES	14 34 45.8						.3	
11	AND	IP	14 34 38.4				85	91	-.0	
11	ASC	IP	14 34 40.4				101	97	.2	
		ES	14 34 53.0						.4	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 11	ASB	IP	14 34 41.0	3.3	.1	2.66	109	102	-0.2	
. 11	ASD	IP	14 34 41.7	11.6	.2	2.92	114	100	-0.2	
		ES	14 34 54.9						-0.5	
. 11	SSI	EP	14 34 44.2	8.0	.1	3.11	133	74	.0	
.....										
11	RAT	EP	15 09 2.6	47.3	.2					VERY POOR
		E(S)	15 09 32.9							
11	SSI	E(P)	15 09 14.5							
11	ASD	EP	15 12 11.1	1.5	.1	2.47				POOR
11	SSI	EP	15 12 11.2	8.5	.1					
		E(S)	15 12 34.1							
11	ASB	EP	15 12 12.7	3.3	.2	2.52				
		E(S)	15 12 33.1							
.....										
. 11	15 21 27.90	51.25 N 179.26 W	DEPTH = 51.0 KM	MB = 5.1						TELESEISMIC SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 11	ASD	IP D	15 21 43.5				98	279	-0.9	OL. LARGE
. 11	ASB	IP C	15 21 44.1				104	276	-1.0	OL
. 11	ASC	IP C	15 21 45.8				112	282	-0.2	
. 11	SSI	IP D	15 21 47.3				106	312	2.0	OL
		E(S)	15 22 6.6						8.6	
. 11	AND	EP C	15 21 48.1				128	286	.1	
. 11	ANA	IP C	15 21 50.8				150	286	.1	
. 11	RAT	IP C	15 21 54.7				177	291	.7	OL
. 11	ADK	IP	15 21 55.9				191	68	.1	4.2ML D 2.0 SW
		IS	15 22 19.5						3.4	
. 11	SMY	EP	15 22 28.5				483	292	-3.3	
. 11	NIK	E(P)	15 23 4.0				736	71	1.0	
. 11	GMA	E(P)	15 25 27.0				1891	26	1.5	
.....										
. 11	15 25 6.10	51.13 N 179.24 W	DEPTH = 34.0 KM	MB = 4.5						TELESEISMIC SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 11	ASD	IP	15 25 22.3				103	287	-1.0	OL. LARGE
. 11	ASB	IP	15 25 22.9	740.9	.2	4.68	108	285	-1.2	POOR TAMP
. 11	ASC	EP	15 25 24.4				117	289	-1.0	AFTERSHOCK
. 11	SSI	IP	15 25 26.2				118	317	.7	OL
		ES	15 25 45.4						5.8	
. 11	AND	IP	15 25 26.8				135	292	-0.9	
. 11	ANA	EP	15 25 29.5				156	292	-0.8	
. 11	RAT	IP	15 25 33.3				184	295	-0.5	OL
		ES	15 25 56.8						2.8	
. 11	ADK	EP	15 25 35.5				196	64	-0.2	4.1ML D 1.8 SW
		IS	15 25 58.3						1.7	
.....										
11	ASD	EP	15 35 32.3	2.8	.1	2.65				
11	ASB	EP	15 35 33.0	4.7	.2	2.58				
		E(S)	15 35 49.1							
11	ASC	EP	15 35 34.5							
11	SSI	EP	15 35 36.4	11.5	.1					
11	RAT	E(P)	15 35 45.4							OP
.....										
. 11	15 38 31.23	50.30 N 179.50 W	DEPTH = 50.0 KM							FIXED DEPTH SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 11	ASD	E(P)	15 38 53.0	1.5	.1	2.42	146	326	-0.5	
		E(S)	15 39 9.2						-0.6	
. 11	ASB	E(P)	15 38 53.2	2.4	.2	2.31	147	324	-0.5	
. 11	ASC	EP	15 38 55.2				160	324	-0.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
11	RAT	EP	15 47 52.8	297.5	.3	4.30				
		E(S)	15 48 13.2							
11	ANA	EP	15 47 55.3							
11	AND	EP	15 47 56.8							
11	ASB	EP	15 48 .2	38.8	.4					
		E(S)	15 48 28.7							
11	ASD	EPN	15 48 1.4							
		EP	15 48 4.8	46.2	.4					
11	SSI	EP	15 48 4.5	18.6	.1					
11	RAT	EP	16 08 32.7	17.2	.1	3.54				
		E(S)	16 08 53.2							
11	SSI	EP	16 08 43.7							
		I	16 08 47.7	21.4	.2					
.....										
11	16 12 10.60	51.02 N 175.60 E DEPTH = 33.0 KM TELESEISMIC SOLUTION								
		RAT ISLANDS, ALEUTIAN ISLANDS								
11	RAT	EP	16 12 39.1	471.0	.3		208	64	-1.6	
		E(S)	16 13 .6						-2.6	
11	ANA	EPN	16 12 41.6				223	71	-1.0	
		EP	16 12 45.2							
11	AND	EP	16 12 43.1				241	74	-1.7	
11	ASC	EP	16 12 46.6				253	77	-.7	
11	ASD	EPN	16 12 46.3				264	80	-1.3	
		IP	16 12 51.2							
11	ASB	EP	16 12 46.6				257	80	-.2	
		E(S)	16 13 20.9						7.3	
11	SSI	EP	16 12 50.5				293	69	-.7	
11	ADK	EP	16 13 26.9				543	77	4.8	
.....										
11	RAT	EP	16 18 40.1	11.5	.1	3.33				
		ES	16 18 58.8							
11	SSI	IP	16 18 51.4	8.9	.1					
11	RAT	IP	16 54 2.7	31.3	.1					
11	ANA	EP	16 54 6.3							AFTERSHOCK
11	SSI	IP	16 54 14.5	8.9	.1					
11	ASD	EP	17 16 23.6	1.5	.1	2.74				OP
11	ASB	EP	17 16 24.5	1.6	.1	2.38				OP, OS
		E(S)	17 16 39.1							
11	ASC	EP	17 16 25.2							OP
11	SSI	EP	17 16 26.2	8.3	.1	3.14				
		ES	17 16 42.8							
11	RAT	EP	17 56 51.5	24.6	.1	3.67				
		ES	17 56 10.6							
11	ANA	EP	17 56 54.4							AFTERSHOCK
		E(S)	17 56 14.9							
11	SSI	IP C	17 56 3.2	12.7	.1					
11	RAT	EP	20 58 35.4	33.3	.1	3.83				
		E(S)	20 58 55.8							
11	ANA	EP	20 58 38.2							AFTERSHOCK
11	SSI	IP	20 58 47.0	10.6	.1					
11	ADK	EP	21 41 23.0							
.....										
11	22 40 16.70	51.16 N 175.27 E DEPTH = 33.0 KM MB = 4.1 TELESEISMIC SOLUTION								
		RAT ISLANDS, ALEUTIAN ISLANDS								
11	RAT	IP	22 40 39.9	495.8	.3	4.47	159	63	-1.5	
11	ANA	EP	22 40 42.2				174	72	-1.0	
11	AND	EP	22 40 44.3				192	76	-1.1	
11	ASB	EP	22 40 47.0	28.9	.3		208	83	-.5	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
		E(S)	22 41 16.6						6.7	
11	ASC	EP	22 40 47.2				204	79	.3	
11	ASD	EPN	22 40 47.7				215	82	-.6	
		IP	22 40 50.0	21.8	.2					
11	SSI	IP D	22 40 51.8	182.5	.3		244	69	-.0	
11	RAT	IP	23 17 43.3	121.5	.2					
		E(L)	23 18 5.9							
11	ANA	EPN	23 17 45.9							
		IP	23 17 48.1							
		E(S)	23 18 13.9							
11	AND	EP	23 17 47.6							
11	SSI	IP	23 17 54.9	36.9	.2					
11	ASD	EP	23 55 42.9	2.4	.1	2.55				
		E(S)	23 55 57.4							
11	ASB	EP	23 55 44.2							
11	SSI	IPN	23 55 46.6							
		IP	23 55 47.2	9.3	.1					
12	RAT	EP	00 06 15.2	27.2	.2					
		E(L)	00 06 40.6							
12	ADK	EP	00 35 21.6							
		ES	00 35 53.4							
12	1 35	8.61	51.06 N 178.36 E	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASB	IP C	01 35 19.9	4.4	.1	2.59	70	61	-.8	
12	ANA	EP	01 35 20.1				67	18	-.1	
12	AND	EP	01 35 20.7				70	36	.1	
12	ASD	EP	01 35 22.6	3.6	.1	2.54	78	61	.8	
		IS	01 35 31.4						-.0	
12	AND	IP	02 25 59.8							
12	ASC	IP	02 26 2.2							
12	ASB	IP	02 26 3.1	10.5	.1					
		ES	02 27 11.1							
12	ASD	IP C	02 26 3.8	5.0	.1					
12	ANA	IP C	02 26 57.6							
12	2 29	53.22	51.02 N 179.87 E	DEPTH = 33.4 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASD	IP	02 30 3.5	9.4	.1	2.86	56	319	-.2	
12	ASB	IP	02 30 4.0				58	312	.0	
		ES	02 30 11.8						-.0	
12	ASC	IP	02 30 5.9				70	316	.3	
12	AND	IP	02 30 8.2				88	314	-.1	
12	ANA	EP	02 30 11.1				108	309	-.1	
12	3 10	58.52	51.06 N 178.54 E	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
12	ASB	EP	03 11 8.9				59	56	-.1	
		ES	03 11 16.1						-.5	
12	ACB	IP	03 11 9.1				59	40	.2	
12	ACA	IP	03 11 9.3				61	41	-.0	
		IS	03 11 16.9						-.3	
12	AND	EP	03 11 9.6				62	27	.1	
12	ASD	EP	03 11 9.8				67	57	-.3	
12	ANA	EP	03 11 9.8				63	7	.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 12	RAT	EP	03 11 12.0				83	350	-.5	
. 12	SSI	IP C	03 11 18.3	14.1	.1	3.28	117	38	.7	
.		IS	03 11 31.8						.2	
.....										
. 12	4 15	31.97	51.47 N 174.90 E	DEPTH = 75.0 KM					FIXED DEPTH SOLUTION	
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 12	RAT	IP	04 16 6.1	66.1	.2		240	80	-.1	
.		ES	04 16 31.1						-.0	
. 12	ANA	EP	04 16 9.0				261	85	.3	
. 12	AND	EP	04 16 10.6				281	86	-.6	
.		ES	04 16 42.9						3.1	
. 12	ASB	EP	04 16 13.7				302	91	-.1	
. 12	ASD	EP	04 16 14.8	7.1	.1		308	90	.3	
. 12	SSI	IP	04 16 16.9				327	80	.1	
.....										
12	RAT	EP	04 48 6.6	32.8	.1					
12	SSI	IP	04 48 18.6							
		ES	04 48 46.2							
.....										
. 12	5 45	59.10	51.55 N 179.74 E	DEPTH = 78.0 KM					FREE DEPTH SOLUTION	
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 12	ASD	EP	05 46 11.0	3.1	.1	2.48	33	238	-.2	
. 12	ASB	EP	05 46 11.5	3.3	.1	2.53	40	239	-.2	
.		ES	05 46 20.7						-.1	
. 12	SSI	IP	05 46 11.6	3.9	.1	2.60	39	344	.0	
.		IS	05 46 20.7						-.0	
. 12	ASC	IP	05 46 11.8				41	256	.1	
. 12	ACA	EP	05 46 11.8				44	260	-.1	
. 12	ACB	EP	05 46 12.1				46	258	.1	
. 12	ACD	EP	05 46 12.1				44	252	.2	
. 12	ACC	EP	05 46 12.6				49	262	.3	
. 12	AND	IP	05 46 12.7				55	272	.0	
. 12	ANA	IP	05 46 14.6				75	277	.1	
. 12	RAT	IP	05 46 16.9	8.7	.1	3.10	101	286	-.3	
.....										
. 12	6 14	4.78	51.45 N 178.79 E	DEPTH = 56.6 KM					FREE DEPTH SOLUTION	
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 12	AND	EP	06 14 13.6				17	42	-.1	
. 12	ACF	EP	06 14 13.7				17	59	.0	
. 12	ANA	IP	06 14 13.9				22	336	.0	
. 12	ACB	EP	06 14 13.9				21	85	.0	
. 12	ACC	EP	06 14 13.9				18	77	.2	
. 12	ACA	EP	06 14 14.0				23	81	.0	
. 12	ACD	EP	06 14 14.1				24	95	.1	
. 12	ACE	EP	06 14 14.1				27	101	-.1	
. 12	ASC	IP	06 14 14.3				26	86	.1	
. 12	ASB	EP	06 14 14.5	4.2	.1	2.51	33	107	-.1	
.		ES	06 14 21.6						-.2	
. 12	ASD	IP	06 14 15.1	5.7	.1	2.67	39	99	.0	
. 12	RAT	IP	06 14 16.0	19.9	.1	3.25	50	321	-.1	
. 12	SSI	IP	06 14 18.6				74	48	-.0	
.		IS	06 14 28.7						-.0	
.....										
12	SSI	IP D	08 44 8.1	17.7	.1	3.28				
		IS	08 44 18.4							
12	ASD	EP	08 44 11.3	5.0	.1	2.81				
12	ASB	EP	08 44 12.5	5.2	.1	2.85				
		ES	08 44 25.8							
12	ASC	EP	08 44 13.3							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
12	AND	EP	08 44 14.5							
12	ANA	EP	08 44 17.5							
12	RAT	EP	08 44 20.7							
12	ADK	EP	12 20 16.8							
		ES	12 20 25.3							
12	ASD	EP	17 49 27.5	6.3	.1					
12	ASB	EP	17 49 28.0	8.0	.1					
12	ASC	EP	17 49 29.0							
12	AND	EP	17 49 30.5							
12	RAT	IP	18 14 22.3							
		ES	18 14 37.4							
12	ANA	EP	18 14 25.9							
12	AND	EP	18 14 28.8							
		ES	18 14 58.8							
12	ASB	EP	18 14 32.1							
12	ASD	EP	18 14 33.1	5.5	.1					
12	SSI	EP	18 14 34.2							
.....										
12	18 16 56.78	52.07 N 176.04 E	DEPTH = 150.0 KM							FIXED DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
12	RAT	IP	18 17 25.6	235.5	.2	4.44	160	100	-.3	
		IS	18 17 46.3						-.8	
12	ANA	EP	18 17 28.6				187	104	.1	
12	AND	IP	18 17 30.6				208	105	-.1	
12	ASC	IP	18 17 33.0				226	106	.5	
12	ASB	EP	18 17 33.6	3.1	.1		235	108	.1	
		ES	18 18 .2						-.2	
12	ASD	IP	18 17 34.2	2.1	.1		240	107	.1	
12	SSI	IP D	18 17 34.4	29.3	.1		244	93	-.1	
		IS	18 18 2.8						.7	
.....										
12	RAT	IP C	18 55 42.8							
		IS	18 55 56.6							
12	ANA	EP	18 55 45.9							
12	AND	EP	18 55 48.0							
12	ASC	EP	18 55 49.9							
12	ASB	EP	18 55 50.3	22.2	.1					
		ES	18 56 12.3							
12	ASD	EP	18 55 51.4	28.4	.1					
12	SSI	IP C	18 55 54.7							
.....										
12	19 37 18.53	51.97 N 176.48 E	DEPTH = 75.0 KM							FIXED DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
12	ANA	IP D	19 37 41.3				155	103	-1.2	
12	ASC	IP	19 37 48.1				193	106	1.0	
12	ASD	IP D	19 37 48.8	4.5	.1		208	107	-.0	
		ES	19 38 10.9						-.0	
12	SSI	IP	19 37 49.7				213	91	.2	
.....										
12	22 25 59.10	45.38 N 147.76 E	DEPTH = 120.0 KM MB = 5.1							TELESEISMIC SOLUTION
		KURIL ISLANDS								
12	ADK	EP	22 31 4.5				2691	62		

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
12	22 40	35.30	18.76 S 176.51 W	DEPTH = 329.0 KM MB = 5.2			TELESEISMIC SOLUTION			
FIJI ISLANDS REGION										
12	ADK	EP	22 51 14.5				7821	360		
12	23 37	10.10	20.79 S 178.90 W	DEPTH = 605.0 KM MB = 4.9			TELESEISMIC SOLUTION			
FIJI ISLANDS REGION										
12	ADK	EP	23 47 36.2				8049	1		
13	1 33	11.00	50.95 N 178.51 W	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	01 33 34.4	109.3	.2	3.99	158	289	-1.1	
13	ASB	IP	01 33 35.6	97.8	.2	3.95	163	287	-1.6	
		IS	01 33 52.9						-1.6	
13	ADK	IP	01 33 36.3				164	50	.0	
		IS	01 33 53.2						-1.5	
13	ASC	IP	01 33 36.8				172	290	-1.4	
13	AND	EP	01 33 38.6				189	292	-1.8	
13	ANA	EP	01 33 42.0				211	292	-1.0	
13	ASD	EP	02 16 28.8	5.2	.1	2.93				
13	ASB	EP	02 16 30.0							
		ES	02 16 47.0							
13	ASC	EP	02 16 32.6							
13	ADK	IP	03 30 11.3							
		IS	03 30 19.6							
13	ASD	IP	03 30 35.6	6.4	.1					
13	ASB	IP	03 30 36.4	13.8	.1					
		ES	03 31 4.2							
13	ASC	EP	03 30 37.1							
13	AND	EP	03 30 39.3							
13	ANA	EP	03 30 40.5							
13	3 51	58.57	51.35 N 178.51 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	03 52 19.6	9.9	.1	3.22	142	272	-1.8	
13	SSI	IP	03 52 19.8	2.0	.1	2.51	138	296	-1.1	
		IS	03 52 35.2						-1.2	
13	ASB	IP	03 52 20.9				149	271	-1.3	
		ES	03 52 37.2						-1.6	
13	ADK	EP	03 52 21.7				145	56	.9	
		ES	03 52 38.0						1.0	
13	ASC	IP	03 52 22.3				155	275	.3	
13	AND	EP	03 52 25.2				170	278	1.3	
13	ANA	EP	03 52 26.7				191	280	.2	
13	7 21	6.00	51.16 N 173.93 E	DEPTH = 5.0 KM MB = 4.4			TELESEISMIC SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	SMY	EP	07 21 35.2				176	4	.7	
13	ANA	IP	07 21 55.3				333	79	.4	
13	AND	IP	07 21 57.2				352	81	-1.1	
13	ASB	IP	07 21 59.8				371	84	.2	
		ES	07 22 44.5						5.8	
13	ASD	EP	07 22 .1				378	84	-1.3	
13	NIK	E(P)	07 23 43.0				1193	74	1.9	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
13	12 33	35.97	51.25 N 179.90 E	DEPTH = 44.6 KM MB = 4.2			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASD	IP D	12 33 45.5				42	292	-.1	
13	ASB	IP D	12 33 46.2	256.7	.1	4.30	47	285	.0	
		IS	12 33 53.4						-.2	
13	ACE	IP	12 33 47.0				53	288	.1	
13	ASC	IP	12 33 47.5				56	295	.3	
13	ACF	IP	12 33 49.0				70	296	.1	
13	AND	IP	12 33 49.3				74	298	-.1	
13	SSI	IP	12 33 49.3				75	343	-.1	
		IS	12 33 59.4						.1	
13	RAT	IP	12 33 55.5				125	300	-.1	
13	ADK	EP	12 34 10.2				247	72	-.4	
		ES	12 34 36.5						.5	
.....										
13	SMY	EP	15 24 35.4							
13	ADK	EP	15 25 20.7							
13	NIK	EP	15 26 22.8							
13	GMA	E(P)	15 28 19.0							
.....										
13	19 52	17.70	59.96 N 152.04 W	DEPTH = 62.0 KM MB = 4.5			TELESEISMIC SOLUTION			
SOUTHERN ALASKA										
.....										
14	4 31	38.19	51.51 N 179.46 E	DEPTH = 18.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
14	ASD	IP C	04 31 42.2	47.5	.1	3.17	15	214	-.1	
14	ASC	IP	04 31 42.8				21	257	-.2	
14	ASB	IP C	04 31 43.1	88.9	.1	3.51	22	223	-.0	
		IS	04 31 46.9						.2	
14	ACE	IP	04 31 43.4				23	240	.1	
14	ACA	IP	04 31 43.4				24	263	.0	
14	ACD	IP	04 31 43.6				24	249	.2	
14	ACB	IP	04 31 43.8				26	259	.1	
14	AND	IP	04 31 44.9				36	280	-.1	
14	SSI	IP	04 31 46.2				44	11	.0	
		IS	04 31 52.0						.0	
14	RAT	IP	04 31 52.3				85	293	-.0	
.....										
14	15 48	39.87	51.42 N 178.79 E	DEPTH = 44.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
14	AND	IP C	15 48 47.6				19	36	.1	VERY LARGE AMP.
14	ANA	IP	15 48 48.1				24	339	.2	ALL LEVELS.
14	ASC	IP D	15 48 48.2				27	80	.2	
14	ASB	IP	15 48 48.5	962.8	.2	4.50	33	102	-.0	
		IS	15 48 54.3						-.6	
14	ASD	IP	15 48 49.2				39	95	.1	
14	RAT	IP D	15 48 50.3				53	323	-.4	
14	SSI	IP C	15 48 53.7				76	46	.2	
		IS	15 49 3.3						-.2	
.....										
14	16 26	13.77	51.82 N 178.76 W	DEPTH = 102.0 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
14	SSI	IP	16 26 34.7				114	275	-.0	
14	ADK	IP C	16 26 36.2				143	86	-1.6	0
		IS	16 26 53.3						-2.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 14	ASD	IP	16 26 37.3	62.3	.1	4.07	139	251	-.0	
. 14	ASB	IP	16 26 38.0	82.2	.1	4.20	147	251	-.1	
. 14		IS	16 26 55.9						-.0	
. 14	ASC	IP	16 26 38.5				148	255	.2	
. 14	AND	IP	16 26 39.6				160	261	-.0	
. 14	ANA	IP	16 26 41.8				179	264	.1	
. 14	RAT	IP	16 26 44.0				200	271	-.1	
.		I	16 26 56.0							
.....										
. 14	22 25 30.39	51.46 N 178.80 E	DEPTH = 40.2 KM	FREE DEPTH SOLUTION						
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 14	AND	IP	22 25 37.5				16	43	.2	
. 14	ANA	IP	22 25 38.1				21	333	.4	
. 14	ASC	IP	22 25 38.3				25	89	.3	
. 14	ASB	IP	22 25 38.6	96.3	.1	3.78	33	109	-.1	
.		IS	22 25 44.4						-.4	
. 14	ASD	IP	22 25 39.2				39	101	-.1	
. 14	RAT	IP	22 25 40.4				50	320	-.2	
.		IS	22 25 47.7						-.4	
. 14	SSI	IP	22 25 43.6				73	48	-.0	
.....										
. 15	2 29 6.77	51.49 N 179.87 W	DEPTH = 66.2 KM	FREE DEPTH SOLUTION						
.		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 15	ASD	IP C	02 29 19.3	78.7	.1	3.90	56	259	-.1	
. 15	SSI	IP	02 29 19.6	8.5	.1	2.94	59	320	-.0	
.		IS	02 29 29.1						.1	
. 15	ASB	IP	02 29 20.1				63	257	.0	
.		IS	02 29 29.7						-.1	
. 15	ASC	IP	02 29 20.6				67	268	.1	
. 15	AND	IP	02 29 22.1				82	276	.1	
. 15	ANA	IP	02 29 24.7				103	279	.3	
. 15	RAT	IP	02 29 27.1				129	286	-.3	
.....										
. 15	8 3 49.77	51.67 N 178.60 E	DEPTH = 58.1 KM	FREE DEPTH SOLUTION						
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 15	ANA	IP	08 03 58.6				6	142	.1	
. 15	RAT	IP	08 03 59.0				24	307	-.2	
. 15	AND	EP	08 03 59.6				27	117	.2	
. 15	ASC	EP	08 04 .9				45	121	.1	
. 15	ASB	EP	08 04 1.6				56	128	-.2	
.		ES	08 04 10.3						-.3	
. 15	ASD	IP	08 04 2.3	6.7	.1	2.82	60	121	.1	
. 15	SSI	EP	08 04 3.4				72	70	-.1	
.		IS	08 04 17.1						3.6	
.....										
. 15	13 21 37.02	51.67 N 178.78 E	DEPTH = 22.9 KM	FREE DEPTH SOLUTION						
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 15	AND	IP	13 21 41.1				12	92	-.2	
. 15	ANA	IP	13 21 41.3				11	308	.0	
. 15	ACB	IP	13 21 42.6				24	118	.0	
. 15	ACA	IP	13 21 42.7				25	112	.0	
.		IS	13 21 47.1						.3	
. 15	ASC	IP	13 21 43.2				29	114	.1	
. 15	ACD	IP	13 21 43.3				29	122	.1	
. 15	ASB	IP	13 21 44.5	10.6	.1	2.77	40	125	-.1	
.		ES	13 21 49.8						-.3	
. 15	RAT	IP	13 21 44.7				41	310	-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 15	ASD	IP	13 21 45.1	9.8	.1	2.77	43	117	-.0	
. 15	SSI	EP	13 21 48.5				66	57	.1	
.		IS	13 21 56.7						-.1	
.....										
. 15	14	4	8.50	52.84 N	160.79 E	DEPTH = 55.0 KM	MB = 5.1	TELESEISMIC SOLUTION		
				OFF EAST COAST OF KAMCHATKA						
. 15	SMY	EP	14 06 2.0				898	86		
. 15	GMA	EP	14 09 8.0				2531	42		
.....										
. 15	16	1	5.35	51.17 N	179.34 E	DEPTH = 39.5 KM		FREE DEPTH SOLUTION		
				RAT ISLANDS, ALEUTIAN ISLANDS						
. 15	ASB	IP	16 01 12.6	5.1	.1	2.45	22	343	.0	
.		ES	16 01 17.9						.0	
. 15	ASD	IP	16 01 12.7	10.1	.1	2.76	24	1	-.1	
. 15	ASC	IP	16 01 13.9				34	339	.2	
. 15	AND	EP	16 01 15.5				51	328	-.1	
. 15	RAT	IP	16 01 22.0				99	315	.0	
.		I(S)	16 01 37.3						3.2	
.....										
. 15	16	19	2.63	52.18 N	178.76 E	DEPTH = 75.0 KM		FIXED DEPTH SOLUTION		
				RAT ISLANDS, ALEUTIAN ISLANDS						
. 15	RAT	IP	16 19 15.7	64.6	.1	3.83	51	215	.1	
.		ES	16 19 24.9						-.2	
. 15	ANA	IP	16 19 16.5				61	186	-.0	
. 15	AND	EP	16 19 17.5				70	169	.3	
.		ES	16 19 28.1						.2	
. 15	ASC	EP	16 19 19.0				84	160	.3	
. 15	ASB	EP	16 19 19.6				97	159	-.4	
. 15	ASD	EP	16 19 19.7				96	155	-.2	
.....										
. 15	18	0	59.50	51.14 N	177.97 W	DEPTH = 46.0 KM	MB = 4.8	TELESEISMIC SOLUTION		
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
. 15	ADK	IP	18 01 19.2				122	47	.4	4.2ML D 1.2 S
.		IS	18 01 34.6						1.7	
. 15	ASD	EP	18 01 26.7				189	280	-.4	REGIONAL
. 15	ASB	EP	18 01 27.7				195	278	-.1	
. 15	SSI	IP	18 01 28.6				189	297	1.6	
. 15	ASC	EP	18 01 28.9				202	281	.2	
. 15	AND	EP	18 01 31.3				219	284	.5	
. 15	ANA	EP	18 01 33.5				240	284	.1	
. 15	RAT	EP	18 01 37.2				267	287	.5	
. 15	NIK	EP	18 02 26.3				657	68	1.5	
. 15	GMA	EP	18 04 52.0				1864	25	-1.9	
.....										
. 15	18	33	29.94	51.43 N	178.76 E	DEPTH = 45.3 KM		FREE DEPTH SOLUTION		
				RAT ISLANDS, ALEUTIAN ISLANDS						
. 15	AND	IP C	18 33 37.8				20	41	.1	
. 15	ACF	IP	18 33 37.8				19	55	.1	
. 15	ACC	IP	18 33 37.9				20	71	.1	
. 15	ACB	IP	18 33 38.1				23	80	.2	
. 15	ANA	IP	18 33 38.2				23	342	.2	
. 15	ACA	IP	18 33 38.2				25	76	.1	
. 15	ACD	IP	18 33 38.2				26	89	.1	
. 15	ACE	IP	18 33 38.2				28	96	-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 15	ASC	IP D	18 33 38.5				28	82	.2	
. 15	ASB	IP	18 33 38.7	329.5	.1	4.35	34	102	-.2	
.		IS	18 33 44.6						-.8	
. 15	ASD	IP	18 33 39.3				40	95	-.1	
. 15	RAT	IP D	18 33 40.5				51	324	-.1	
.		IS	18 33 47.9						-.5	
. 15	SSI	IP C	18 33 43.8				77	47	.1	
.		IS	18 33 53.7						-.0	

.....
 . 15 19 9 4.69 51.40 N 178.77 E DEPTH = 47.1 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALFUTIAN ISLANDS

. 15	AND	IP C	19 09 12.8				22	36	-.0	
. 15	ACF	IP	19 09 12.9				21	48	.2	
. 15	ACB	IP	19 09 13.0				24	73	.1	
. 15	ANA	IP D	19 09 13.1				26	344	.0	
. 15	ACA	IP	19 09 13.2				26	70	.1	
. 15	ACD	IP	19 09 13.2				26	83	.1	
. 15	ACF	IP	19 09 13.3				28	90	.1	
. 15	ASC	IP D	19 09 13.4				29	76	.1	
. 15	ASB	IP C	19 09 13.6				34	97	-.1	
.		IS	19 09 19.7						-.6	
. 15	ASD	IP C	19 09 14.2	57.0	.1	3.63	40	91	-.1	
. 15	RAT	IP	19 09 15.5	7.4	.1	2.80	54	326	-.2	
. 15	SSI	IP	19 09 18.8				79	46	.1	
.		IS	19 09 28.9						-.1	

.....
 . 16 1 29 3.44 51.92 N 178.62 E DEPTH = 118.2 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 16	ANA	IP	01 29 20.2				33	174	.0	
. 16	AND	IP	01 29 20.6				46	149	-.1	
. 16	ASC	IP	01 29 21.9				63	143	.2	
. 16	ASB	EP	01 29 22.5				76	145	-.1	
.		ES	01 29 36.5						-.0	
. 16	ASD	IP	01 29 22.6	2.9	.1	2.66	77	139	-.1	

. 16	AOK	EP	04 12 22.2							
. 16	ASD	EP	04 12 57.6							
. 16	ASB	EP	04 12 58.2							
. 16	ASC	EP	04 12 59.3							
. 16	SSI	IP	04 13 52.7	21.0	.1					

NO S VISIBLE.

.....
 . 16 4 55 35.08 52.16 N 176.82 E DEPTH = 100.0 KM FIXED DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 16	RAT	IP	04 56 55.5	39.7	.1	3.82	111	111	-.2	
.		ES	04 57 10.5						-.2	
. 16	ANA	EP	04 56 58.4				140	114	-.2	
. 16	AND	EP	04 57 .5				161	113	-.4	
. 16	ASC	IP	04 57 3.2				179	115	.2	
. 16	ASB	IP	04 57 4.5				190	117	.3	
. 16	SSI	IP	04 57 4.6	11.2	.1	3.41	192	98	.2	
. 16	ASD	EP	04 57 4.8				194	115	.2	

NO S VISIBLE.

.....
 . 16 6 41 20.01 52.04 N 177.96 W DEPTH = 125.0 KM FIXED DEPTH SOLUTION
 ANDREANOF ISLANDS, ALEUTIANS ISLANDS

. 16	SSI	IP	06 41 48.3	15.1	.1	3.53	169	265	.1	
.		I(S)	06 42 12.2						3.4	
. 16	ASD	EP	06 41 51.6	3.5	.1	2.94	200	250	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
. 16	ASB	EP	06 41 52.3	3.8	.1		207	250	.0	
. 16		ES	06 42 15.9						.0	
. 16	ASC	EP	06 41 52.5				208	253	.1	
. 16	AND	EP	06 41 53.3				219	257	-.3	
. 16	RAT	IP	06 41 57.9	10.9	.1		256	265	.1	
.....										
16	ASB	IP	09 20 26.9	7.0	.1	3.11				
		ES	09 20 45.4							
16	ANA	EP	09 20 27.3							
16	ASC	EP	09 20 27.5							
16	AND	IP	09 20 27.5							
16	ASD	IP	09 20 27.6	10.5	.1	3.30				
16	SSI	IP	09 20 35.4	30.7	.1					
		T(S)	09 21 1.2							
16	RAT	IP	09 20 38.3							
.....										
16	11 4 13.08	51.53 N 178.70 E DEPTH = 19.5 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 16	ANA	IP	11 04 16.9				11	346	-.0	
. 16	AND	IP	11 04 17.5				18	78	-.1	
. 16		ES	11 04 20.8						-.0	
. 16	ACF	EP	11 04 17.9				20	91	.1	
. 16	ACC	EP	11 04 18.3				24	102	-.0	
. 16	ACB	EP	11 04 18.8				28	105	-.0	
. 16	ACA	EP	11 04 19.1				29	100	.1	
. 16	ACD	EP	11 04 19.3				32	110	-.1	
. 16	ASC	EP	11 04 19.5				33	103	-.0	
.....										
16	11 15 22.80	51.28 N 179.93 E DEPTH = 40.4 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 16	ASD	IP D	11 15 32.2	32.9	.1	3.37	43	287	-.0	
. 16	ASB	IP C	11 15 33.0	17.8	.1	3.13	49	281	.1	
. 16		ES	11 15 40.2						-.1	
. 16	ACE	IP	11 15 33.6				55	285	-.1	
. 16	ASC	IP C	11 15 34.2				57	291	.2	
. 16	ACD	IP	11 15 34.2				58	287	.1	
. 16	ACA	IP C	11 15 34.6				61	292	.1	
. 16	ACB	IP	11 15 34.7				62	290	.1	
. 16	ACC	IP	11 15 35.2				66	291	.1	
. 16	ACF	IP	11 15 35.8				71	293	.0	
. 16	AND	IP	11 15 35.9				75	295	-.5	
. 16	SSI	IP D	11 15 35.9	97.5	.1	3.97	73	341	-.1	
		IS	11 15 45.8						.2	
. 16	ANA	IP	11 15 39.0				96	294	-.1	
. 16	RAT	IP	11 15 42.8				125	298	.1	
.....										
16	12 21 34.90	51.16 N 179.92 E DEPTH = 35.9 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 16	ASD	IP	12 21 44.5	9.2	.1	2.82	48	303	-.0	
. 16		IS	12 21 51.4						-.1	
. 16	ASB	IP	12 21 45.0	7.1	.1	2.73	52	296	-.0	
. 16	ACE	IP	12 21 45.9				59	298	-.0	
. 16	ACD	IP	12 21 46.5				62	299	.1	
. 16	ASC	IP	12 21 46.6				63	303	.1	
. 16	ACA	IP	12 21 47.1				66	303	.1	
. 16	ACB	IP	12 21 47.1				67	301	.0	
. 16	ACC	IP	12 21 47.7				71	301	.1	
. 16	ACF	IP	12 21 48.5				76	303	.1	
. 16	AND	EP	12 21 49.0				81	304	-.0	
. 16	SSI	IP	12 21 49.6	2.4	.1	2.41	85	344	-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
16	ANA	EP	12 21 51.9				102	301	-.1	
16	RAT	IP	12 21 55.8	16.9	.1	3.41	131	304	-.1	
		ES	12 22 11.3						.1	
.....										
16	13 33	15.09	51.18 N 178.74 E	DEPTH = 78.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ASB	EP	13 33 27.7				41	60	-.0	
		ES	13 33 36.9						-.0	
16	ASC	EP	13 33 27.9				44	43	.0	
16	AND	EP	13 33 28.0				46	19	-.0	
16	ASD	EP	13 33 28.2	2.4	.1	2.40	48	60	-.0	
.....										
16	ADK	IP D	16 39 45.4							
		IS	16 39 54.2							
16	SSI	IP	16 40 13.1	40.6	.2					
16	ASD	EP	16 40 13.5							
		ES	16 40 52.7							
16	ASB	EP	16 40 14.5							
16	ASC	EP	16 40 15.7							
16	AND	EP	16 40 18.1							
16	ANA	EP	16 40 21.1							
16	RAT	EP	16 40 23.4							
16	ADK	IP	17 19 50.4							
		IS	17 19 56.0							
16	SSI	IP D	17 41 11.2	53.2	.1	3.39				
		IS	17 41 15.2							
16	ASD	IP C	17 41 14.6	17.4	.1	3.11				
16	ASC	IP	17 41 15.3							
16	ACA	IP	17 41 15.4							
		IS	17 41 23.3							
16	ASB	EP	17 41 15.6	4.3	.1	2.54				
		IS	17 41 23.1							
16	ACB	IP	17 41 15.7							
16	ACD	IP	17 41 15.8							
16	ACE	IP	17 41 15.8							
16	ACC	IP	17 41 16.0							
16	AND	EP	17 41 16.2							
16	ANA	EP	17 41 19.0							
16	RAT	EP	17 41 22.2							
16	SSI	EP	17 43 50.3	5.9	.1					
16	RAT	EP	17 43 51.4	3.3	.1					
		ES	17 44 16.3							
16	ANA	IP	17 43 52.4							
16	AND	IP	17 43 53.1							
16	ASC	IP	17 43 54.8							
16	ASD	IP	17 43 55.2	2.4	.1	2.60				
16	ASB	EP	17 43 55.3	3.6	.1	2.79				
		ES	17 44 12.2							
.....										
16	18 21	22.00	62.65 N 152.30 W	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
			CENTRAL ALASKA							
.....										
16	18 55	5.06	51.43 N 177.68 E	DEPTH = 3.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	RAT	IP D	18 55 16.9	32.2	.1	3.38	61	47	.7	
		IS	18 55 23.7						-.7	
16	ANA	IP	18 55 19.2				72	72	1.1	

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JUN	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.	16	ES	18 55 27.7						.1	
.	16	AND EP	18 55 21.2				90	80	.1	
.	16	ASC EP	18 55 23.2				103	87	.1	
.	16	ASD EP	18 55 24.8	2.7	.1	2.54	116	91	-.2	
.	16	SSI EP	18 55 27.0				142	68	-2.0	
.		IS	18 55 41.7						-4.7	
.....										
.	16	20 19 59.36	51.78 N 178.71 E	DEPTH = 90.6 KM				FREE DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
.	16	RAT IP	20 20 12.4	8.7	.1	2.97	26	274	-.2	
.		IS	20 20 22.3						.1	
.	16	ANA EP	20 20 12.6				18	190	.3	
.	16	AND EP	20 20 12.7				30	145	-.1	
.		ES	20 20 22.4						-.1	
.	16	ASC EP	20 20 13.8				48	138	.1	
.	16	ASD EP	20 20 14.6	2.4	.1	2.47	62	135	-.1	
.	16	SSI EP	20 20 14.7	2.0	.1	2.40	62	78	.0	
.		IS	20 20 25.9						.0	
.....										
16	ASD	IP D	21 21 47.6	74.6	.1	3.75				
		IS	21 21 54.6							
16	ASB	IP	21 21 48.2							
16	ACE	IP	21 21 49.1							
16	ASC	IP	21 21 49.7							
16	ACD	IP	21 21 49.7							
16	ACA	IP	21 21 50.2							
16	ACB	IP	21 21 50.2							
16	ACC	IP	21 21 50.7							
16	ACF	IP	21 21 51.4							
16	AND	EP	21 21 51.7							
16	SSI	IP	21 21 52.1							
16	ANA	EP	21 21 54.7							
16	RAT	IP C	21 21 58.6							
		IS	21 22 15.5							
.....										
.	16	21 47 38.72	52.03 N 179.54 E	DEPTH = 163.0 KM				FREE DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
.	16	SSI IP	21 48 .5	6.8	.1	3.09	15	167	.0	
.	16	AND EP	21 48 1.9				66	218	-.1	
.	16	ASD EP	21 48 2.2				72	191	-.2	
.	16	ASC IP	21 48 2.4				68	202	.2	
.	16	ANA IP	21 48 2.6				75	234	.1	
.	16	ASB EP	21 48 2.7	11.4	.1	3.35	77	195	.1	
.		ES	21 48 20.1						-.0	
.	16	RAT IP C	21 48 3.2	79.5	.1	4.20	87	254	-.0	
.		IS	21 48 24.4						3.3	
.....										
.	16	22 52 4.74	50.58 N 177.72 E	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION		
.		RAT ISLANDS, ALEUTIAN ISLANDS								
.	16	ANA EP	22 52 27.8				134	29	.4	
.		IS	22 52 43.7						-.2	
.	16	ASB EP	22 52 28.2	5.7	.1	2.94	138	51	.2	
.	16	AND EP	22 52 28.2				139	38	-.0	
.	16	RAT IP	22 52 28.4	5.2	.1	2.91	142	17	-.3	
.		ES	22 52 46.3						.2	
.	16	ASC IP	22 52 28.7				141	45	.2	
.	16	ASD EP	22 52 28.9	5.5	.1	2.94	145	51	-.2	
.	16	SSI IP	22 52 36.6	17.6	.1	3.57	196	41	-.2	
.....										

JUN 1971.	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	0	12.63	51.58 N 179.98 E	DEPTH = 91.6 KM			FREE DEPTH SOLUTION			
PAT ISLANDS, ALEUTIAN ISLANDS										
17	ASD	EP	00 01 26.5	3.9	.1	2.67	49	245	-.7	
17	SSI	EP	00 01 26.8	7.3	.1	2.93	44	322	-.1	
		IS	00 01 37.3						.1	
17	ASB	EP	00 01 27.5	4.3	.1	2.72	56	245	-.2	
		ES	00 01 38.3						-.3	
17	ASC	EP	00 01 28.2				58	257	.4	
17	AND	EP	00 01 29.6				71	269	.8	
17	RAT	IP	00 01 30.6				116	283	-2.5	
17	ANA	EP	00 01 32.2				91	274	1.6	
17	0	41 49.74	51.15 N 179.26 E	DEPTH = 34.7 KM			FREE DEPTH SOLUTION			
PAT ISLANDS, ALEUTIAN ISLANDS										
17	ASB	IP	00 41 56.5	5.1	.1	2.42	23	358	.0	
		ES	00 42 1.4						-.0	
17	ASD	IP	00 41 56.8	2.9	.1	2.20	27	12	-.1	
17	ASC	IP	00 41 57.9				35	349	.2	
17	AND	EP	00 41 59.5				51	335	-.1	
17	ASD	EP	00 44 57.9							
		ES	00 45 16.8							
17	ASB	EP	00 44 59.4	1.9	.1	2.58				
17	ASC	EP	00 45 0.0							
17	ANA	EP	00 45 6.9							
17	1	26 20.74	51.66 N 179.01 E	DEPTH = 74.8 KM			FREE DEPTH SOLUTION			
PAT ISLANDS, ALEUTIAN ISLANDS										
17	AND	EP	01 26 31.6				12	200	-.1	
17	ANA	EP	01 26 32.1				25	261	.0	
17	ASC	EP	01 26 32.2				25	155	.1	
17	ASB	EP	01 26 32.6	2.3	.1	2.35	37	154	-.2	
		ES	01 26 41.4						-.1	
17	ASD	EP	01 26 33.0	1.3	.1	2.09	38	143	.2	
17	SSI	IP	01 26 33.3	13.2	.1	3.13	47	57	-.1	
		IS	01 26 42.8						.1	
17	2	3 25.18	52.07 N 178.40 E	DEPTH = 162.7 KM			FREE DEPTH SOLUTION			
PAT ISLANDS, ALEUTIAN ISLANDS										
17	ANA	EP	02 03 48.1				53	160	.2	
17	AND	EP	02 03 48.2				68	146	-.4	
17	SSI	IP	02 03 49.5	4.4	.1	2.94	84	103	.0	
17	ASC	EP	02 03 49.8				86	142	.2	
17	ASD	IP	02 03 50.5	2.2	.1	2.66	100	139	-.0	
		ES	02 04 9.0						.0	
17	4	50 46.65	51.31 N 178.99 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	ASD	EP	04 51 5.0				116	275	-.3	SMALL
17	SSI	IP	04 51 5.4	3.2	.1	2.66	118	304	-.1	
		IS	04 51 19.2						.0	
17	ASB	EP	04 51 6.1				123	273	.0	
		ES	04 51 20.2						-.0</	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	5 0 35.78		50.09 N 177.72 E	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ASB	IP	05 01 2.4	11.2	.1	3.37	178	37	-.1	
		ES	05 01 20.6						-1.4	
17	ANA	IP	05 01 2.8				183	21	-.3	
17	ASC	EP	05 01 3.1				183	33	-.1	
17	AND	IP C	05 01 3.1				185	27	-.3	
17	ASD	EP	05 01 3.2	9.5	.1	3.31	184	38	-.1	
17	SSI	IP	05 01 11.0	17.7	.1		239	32	1.1	
		IS	05 01 36.1						1.2	
.....										
17	ANA	EP	06 40 51.6							
17	AND	EP	06 40 53.4							
17	ASC	EP	06 40 55.9							
17	ASD	EPN	06 40 56.6							
		IPG	06 41 .7	26.6	.3					
17	ASB	EP	06 40 56.7							
		ES	06 41 32.1							
17	SSI	IP	06 41 .7							
.....										
17	8 20 48.60		54.57 N 162.08 E	DEPTH = 59.0 KM			TELESEISMIC SOLUTION			
NEAR EAST COAST OF KAMCHATKA										
17	RAT	EP	08 23 13.6	38.2	.2		1127	99		
17	ANA	EP	08 23 18.2				1156	100		TELESEISMIC-
17	AND	EP	08 23 20.3				1177	100		
17	ASC	EP	08 23 22.2				1195	100		
17	SSI	EP	08 23 23.2	28.5	.3		1204	97		
17	ASD	EP	08 23 23.4				1210	100		
.....										
17	RAT	IP	09 16 52.3	15.8	.1	3.17				
		IS	09 17 1.1							
.....										
17	10 41 32.51		51.39 N 178.75 E	DEPTH = 47.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	AND	EP	10 41 40.6				23	37	-.1	
17	ACC	IP	10 41 40.8				23	63	.1	
17	ACF	IP	10 41 40.8				22	49	.2	
17	ACB	IP	10 41 40.9				25	72	.1	
17	ANA	IP C	10 41 41.0				27	346	.0	
17	ACA	IP	10 41 41.1				27	69	.1	
17	ACD	IP	10 41 41.1				27	82	.1	
17	ACE	IP	10 41 41.1				29	88	-.1	
17	ASC	IP C	10 41 41.3				30	75	.1	
17	ASB	IP	10 41 41.5	5.4	.1	2.58	35	96	-.1	
		ES	10 41 47.6						-.6	
17	ASD	IP	10 41 42.2	2.4	.1	2.25	41	90	-.0	
17	RAT	IP	10 41 43.3	7.7	.1	2.81	54	327	-.3	
17	SSI	IP	10 41 46.7				80	46	.0	
		IS	10 41 57.0						-.0	
.....										
17	11 53 59.86		51.51 N 179.36 W	DEPTH = 19.0 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
17	SSI	IP	11 54 14.3	5.9	.1	2.77	84	301	.4	
		IS	11 54 23.6						-.5	
17	ASD	EP	11 54 14.8	4.6	.1	2.70	91	262	-.1	
17	ASB	EP	11 54 16.1	11.2	.1	3.11	98	261	.1	
		ES	11 54 27.7						-.0	
17	ASC	EP	11 54 16.7				102	268	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
. 17	AND	EP	11 54 18.7				117	273	-.1	
. 17	ANA	EP	11 54 22.0				138	276	.1	
. 17	RAT	EP	11 54 25.3	6.0	.1	3.03	163	282	-.5	
.		ES	11 54 45.1						.5	
.....										
. 17	13 53 26.71	51.62 N 179.85 E	DEPTH = 80.4 KM	FREE DEPTH SOLUTION						
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 17	SSI	EP	13 53 39.1	8.8	.1	2.95	35	329	-.1	
.		IS	13 53 48.4						.1	
. 17	ASD	EP	13 53 39.6	6.0	.1	2.80	43	234	-.1	
. 17	ASB	EP	13 53 40.2	5.4	.1	2.77	51	235	-.0	
.		ES	13 53 49.9						-.2	
. 17	ASC	EP	13 53 40.3				50	250	.1	
. 17	ACA	EP	13 53 40.3				53	253	-.1	
. 17	ACE	EP	13 53 40.4				53	242	.0	
. 17	ACD	EP	13 53 40.5				54	247	.1	
. 17	ACB	EP	13 53 40.7				55	252	.1	
. 17	ACC	EP	13 53 40.8				58	255	.0	
. 17	AND	EP	13 53 41.1				62	264	-.0	
. 17	ANA	EP	13 53 43.2				82	271	.3	
. 17	RAT	IP	13 53 45.2				106	281	-.2	
.....										
17	ADK	FP	14 02 52.5							
		ES	14 03 6.7							
.....										
. 17	15 36 28.26	50.57 N 177.25 E	DEPTH = .5 KM	FREE DEPTH SOLUTION						
.		RAT ISLANDS, ALEUTIAN ISLANDS								
. 17	RAT	IP	15 36 54.1	8.2	.1	3.15	156	28	-.2	
. 17	ANA	EP	15 36 54.2				154	39	.3	
. 17	AND	EP	15 36 55.1				163	46	-.2	
. 17	ACC	EP	15 36 55.3				162	50	.2	
. 17	ACB	EP	15 36 55.4				163	52	.1	
. 17	ACE	EP	15 36 55.4				164	55	-.0	
. 17	ACD	EP	15 36 55.6				163	53	.2	
. 17	ASB	EP	15 36 55.7	5.6	.1	3.01	166	57	-.0	
.		ES	15 37 15.5						-.2	
. 17	ACA	EP	15 36 55.7				166	51	-.0	
. 17	ASC	EP	15 36 56.0				167	53	.1	
. 17	ASD	EP	15 36 56.5	2.4	.1	2.65	173	57	-.3	
. 17	SSI	IP	15 37 3.7	27.3	.1		220	47	-.1	
.		IS	15 37 29.9						.2	
.....										
17	SSI	IP C	15 50 3.3	14.1	.1					
17	ASD	EP	15 50 6.2	4.2	.1					
17	ASB	EP	15 50 7.0	8.2	.1					
		ES	15 50 52.7							
17	ASC	EP	15 50 7.6							
17	AND	EP	15 50 8.5							
17	RAT	EP	15 50 13.1							
.....										
17	ASD	IP C	18 28 13.2	10.8	.1	2.70				
17	ASB	IP C	18 28 14.1							
		IS	18 28 18.8							
17	ACE	EP	18 28 14.8							
17	ASC	IP	18 28 15.1							
17	ACD	EP	18 28 15.2							
17	ACA	EP	18 28 15.6							
17	ACB	EP	18 28 15.7							
17	ACC	EP	18 28 16.2							
17	ACF	EP	18 28 17.1							
17	AND	IP	18 28 17.3							
17	SSI	IP D	18 28 18.3	18.5	.1	3.18				

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	ANA	IS	18 28 25.8							
17	RAT	IP	18 28 20.4							
17	RAT	EP	18 28 24.4							
17	ADK	EP	18 28 43.6							
17	RAT	IP C	19 52 16.4	25.7	.1	3.53				
		ES	19 52 29.1							
17	ANA	IP	19 52 18.7							
17	AND	EP	19 52 20.2							
		ES	19 52 36.0							
17	ASC	EP	19 52 22.5							
17	ASB	EP	19 52 23.1							
17	SSI	EP	19 52 23.2	3.9	.1					
17	ASD	EP	19 52 23.5							
.....										
17	20 31 39.32		51.95 N 177.89 E	DEPTH = 125.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
17	RAT	IP D	20 31 56.8	79.5	.1	4.06	34	119	-.1	
		IS	20 32 8.9						-.8	
17	ANA	EP	20 31 58.5				64	124	.2	
17	AND	IP	20 31 59.8				85	120	.1	
17	ASC	EP	20 32 1.4				103	121	.2	
17	ASB	EP	20 32 2.4	2.6	.1	2.68	114	124	.3	
		ES	20 32 18.5						-.3	
17	ASD	EP	20 32 2.4	3.4	.1	2.80	118	121	-.1	
17	SSI	IP	20 32 2.4	6.8	.1	3.10	116	92	.0	
.....										
17	21 0 40.90		25.48 S 69.15 W	DEPTH = 93.0 KM MB = 6.3			TELESEISMIC SOLUTION			
			NORTHERN CHILE							
17	ADK	PKP	21 19 20.2				13376	317		
		EPS	21 30 10.0							
		ER	21 56 4.0							
.....										
17	22 59 46.90		60.02 N 152.94 W	DEPTH = 125.0 KM			TELESEISMIC SOLUTION			
			SOUTHERN ALASKA							
.....										
18	ADK	EP	00 59 27.4							
		ES	00 59 35.7							
18	SSI	IP	04 58 16.1	17.7	.1	2.96				
		IS	04 58 20.6							
18	ASD	IP	04 58 18.8	6.2	.1	2.68				
18	ASB	EP	04 58 19.8	13.0	.1	3.04				
		ES	04 58 27.7							
18	ASC	EP	04 58 19.8							
18	ACA	IP	04 58 20.1							
18	ACE	EP	04 58 20.1							
18	ACD	EP	04 58 20.3							
18	ACB	EP	04 58 20.4							
18	ACC	EP	04 58 20.6							
18	ACF	EP	04 58 20.9							
18	AND	EP	04 58 21.0							
18	ANA	EP	04 58 24.0							
.....										
18	8 20 23.22		51.57 N 179.72 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
18	ASD	IP C	08 20 29.6	4.1	.1	2.23	33	232	-.4	
18	ASB	EP	08 20 29.9	2.9	.1	2.16	40	234	-.6	
		ES	08 20 35.7						-.1	
18	ACE	EP	08 20 30.3				42	243	-.6	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 18	ACD	EP	08 20 30.8				43	249	-.3	
. 18	ASC	IP	08 20 31.1				40	253	.6	
. 18	ACB	EP	08 20 31.3				45	255	-.1	
. 18	ACA	EP	08 20 31.4				43	256	.4	
. 18	ACF	EP	08 20 32.6				50	264	.2	
. 18	AND	IP	08 20 33.1				53	269	.3	
. 18	ANA	EP	08 20 35.7				73	275	-.8	

.....
 . 18 8 58 42.60 51.81 N 179.46 W DEPTH = 100.0 KM FIXED DEPTH SOLUTION
 DELAROF ISLANDS, ALEUTIAN ISLANDS

. 18	SSI	IP	08 58 59.2	19.9	.1	3.43	66	278	.0	
		IS	08 59 10.9						-.3	
. 18	ASD	EP	08 59 1.3	2.2	.1	2.54	95	241	-.3	
		IS	08 59 15.2						-.2	
. 18	ASC	EP	08 59 2.8				102	248	.5	
. 18	AND	EP	08 59 3.3				113	257	.0	
. 18	ANA	EP	08 59 5.3				131	262	.1	
. 18	PAT	IP	08 59 7.2	4.9	.1	2.99	152	270	-.2	
		ES	08 59 25.8						.3	

. 18 ADK EP 09 59 44.0
 ES 09 59 59.2

. 18 SSI EP 10 00 17.7
 ES 10 01 5.0

. 18 ASD EP 10 00 18.4 2.4 .1
 ES 10 01 5.5

. 18 ASB EP 10 00 19.4 3.3 .1

. 18 ASC EP 10 00 20.5

. 18 ANA EP 10 00 26.0

. 18 PAT EP 10 00 27.8

VERY EMERGENT

.....
 . 18 10 45 9.69 50.99 N 178.52 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 18	ASB	EP	10 45 21.2	1.9	.1	2.20	65	50	.1	
. 18	AND	EP	10 46 21.8				71	25	-.0	
. 18	ASD	EP	10 46 21.9	1.7	.1	2.18	73	52	-.2	
. 18	ASC	EP	10 46 21.9				69	40	.3	
. 18	ANA	EP	10 46 22.0				72	8	.0	
. 18	SSI	I(P)	10 46 29.8	11.2	.1	3.20	125	36	-.1	

NO S VISIBLE

.....
 . 18 16 32 37.78 51.65 N 179.35 E DEPTH = 85.4 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 18	ACA	IP	16 32 50.4				26	218	.0	
		ES	16 32 59.9						.3	
. 18	ASD	IP D	16 32 50.5	21.8	.1	3.36	30	181	-.1	
		ES	16 32 59.8						-.1	
. 18	ASC	IP	16 32 50.5				26	210	.1	
. 18	AND	EP	16 32 50.5				29	248	-.1	
. 18	ACB	IP	16 32 50.5				28	219	-.0	
. 18	ACC	IP	16 32 50.5				29	227	-.0	
. 18	SSI	IP D	16 32 50.6	5.4	.1	2.75	31	33	-.0	
. 18	ACD	IP	16 32 50.7				30	209	.1	
. 18	ACE	IP	16 32 50.7				32	203	.1	
. 18	ASB	EP	16 32 50.8				34	192	.0	
		ES	16 33 0.0						-.3	
. 18	ANA	IP	16 32 51.7				48	265	.1	
. 18	RAT	IP	16 32 53.3				72	283	-.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
18	17 21	45.87	51.39 N 179.28 W	DEPTH = 48.8 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
18	ASD	IP	17 22 1.9	7.3	.1	2.95	96	270	-.1	
18	SSI	IP D	17 22 2.0	37.7	.1	3.66	96	306	-.0	
		ES	17 22 13.8						.0	
18	ASB	EP	17 22 2.8	10.9	.1	3.15	102	269	.0	
		ES	17 22 15.1						-.0	
18	ASC	IP	17 22 3.7				108	275	.2	
18	AND	EP	17 22 5.2				124	279	-.2	
18	ANA	EP	17 22 8.2				145	281	.2	
18	RAT	EP	17 22 11.2				171	286	-.1	
.....										
18	17 40	33.40	68.51 N 147.69 W	DEPTH = 33.0 KM MB = 4.7			TELESEISMIC SOLUTION			
ALASKA										
.....										
18	ADK	EP	19 07 10.0							
		ES	19 07 26.0							
18	ASD	IP C	19 07 16.8	11.1	.1	2.90				
18	ASB	IP	19 07 17.5							
		IS	19 07 24.5							
18	ACE	IP	19 07 18.3							
18	ASC	IP	19 07 18.7							
18	ACD	IP	19 07 18.7							
18	ACA	IP	19 07 19.0							
18	ACB	IP	19 07 19.1							
18	ACC	EP	19 07 19.5							
18	SSI	IP D	19 07 19.7	115.3	.1	4.01				
		IS	19 07 28.0							
18	AND	EP	19 07 20.2							
18	ANA	IP	19 07 21.9							
18	RAT	IP	19 07 27.0	59.6	.1	3.93				
		ES	19 07 40.9							
18	ADK	EP	19 10 46.0							
		ES	19 11 14.0							
.....										
18	23 45	18.06	51.43 N 179.29 E	DEPTH = 110.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ASD	EP	23 45 33.0	1.7	.1	2.32	6	142	-.2	
18	ASB	EP	23 45 33.3	3.3	.1	2.62	9	200	.1	
		ES	23 45 44.3						-.0	
18	ASC	EP	23 45 33.5				9	291	.3	
18	ANA	EP	23 45 34.5				49	297	-.1	
.....										
19	ADK	EP	01 13 20.5							
		ES	01 14 17.2							
19	ASD	EP	01 13 56.0	4.5	.2					
19	ASB	EP	01 13 57.1	5.8	.2					
19	ASC	EP	01 13 58.6							OP
.....										
19	4 9	15.97	51.65 N 178.45 E	DEPTH = 190.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
19	AND	IPG	04 09 41.2				36	106	-.3	LOCAL
		ES	04 10 0.0						-.2	
19	ACF	EPG	04 09 41.4				40	110	-.2	
19	ANA	EPG	04 09 41.5				15	100	.4	
19	ACA	EPG	04 09 41.8				50	112	-.1	
19	ACB	IPG	04 09 41.8				49	115	-.1	
19	ACE	IPG	04 09 42.0				57	119	-.2	
19	ACD	EPG	04 09 42.1				53	117	.1	OP

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 19	ASC	EPG	04 09 42.2				53	113	.2	QP
. 19	ASB	EPG	04 09 42.5	4.6	.1	3.00	64	120	.1	
.		ES	04 10 2.0						.3	
. 19	ASD	IPGD	04 09 42.6	5.2	.1	3.05	68	115	.0	
.		ES	04 10 2.0						-.0	
. 19	SSI	IPGD	04 09 43.4	12.9	.1	3.46	83	71	.1	
.		IS	04 10 3.2						-.1	
.....										
. 19	4	3	57.60	50.00 N	77.77 E	DEPTH =	0.0 KM	MP = 5.5		TELESEISMIC SOLUTION
EASTERN KAZAKH SSR										
. 19	ANA	EP	04 13 57.4				6514	46		TELE
.		E	04 14 47.8							
. 19	AND	EP	04 13 58.5				6533	46		
.		I	04 14 48.2							
. 19	SSI	EP	04 13 59.0	16.2	.4		6541	45		
. 19	ASC	EP	04 13 59.8				6552	46		
.		I	04 14 49.1							
. 19	ASB	EP	04 14 .2	40.1	.4		6564	46		
. 19	ASD	EP	04 14 .5	23.5	.4		6566	46		
.....										
19	ADK	EP	06 18 41.0							
		ES	06 18 55.8							
.....										
. 19	7	59	20.22	51.38 N	180.00 E	DEPTH =	24.2 KM			FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
. 19	ASD	IPGC	07 59 28.5	10.8	.1	2.83	46	272	-.2	
.		ES	07 59 34.8						-.1	
. 19	ASB	IPGC	07 59 29.6	30.0	.1	3.32	52	269	-.0	
.		IS	07 59 36.5						-.0	
. 19	ACE	IPGD	07 59 30.4				57	273	.0	
. 19	ASC	IPG	07 59 30.8				59	280	.2	
.		ES	07 59 38.2						.1	
. 19	ACD	EPG	07 59 31.0				60	276	.2	
. 19	ACA	EPG	07 59 31.1				62	281	.0	
. 19	SSI	EP	07 59 31.4				64	334	.0	WHITE OUT
. 19	ACB	IPG	07 59 31.5				64	279	.2	
. 19	ACF	EPG	07 59 32.5				72	284	.0	
. 19	AND	IPG	07 59 32.9				75	286	-.1	
. 19	ANA	IP	07 59 36.2				97	287	-.0	
. 19	RAT	EP	07 59 40.3	57.8	.2	3.62	125	293	-.1	
.....										
. 19	9	8	59.33	51.20 N	178.52 E	DEPTH =	26.5 KM			FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
. 19	ACC	EPG	09 09 8.4				48	49	.1	
. 19	ACE	EPG	09 09 8.5				50	64	-.1	
. 19	ANA	IPGD	09 09 8.6				48	12	.3	
. 19	ACB	EPG	09 09 8.6				49	54	.2	
. 19	ACF	IPGC	09 09 8.6				49	42	.2	
. 19	AND	IPGD	09 09 8.7				50	37	.1	
. 19	ACD	EPG	09 09 8.7				50	59	.2	
. 19	ASB	IPG	09 09 8.8	55.0	.1	3.59	53	71	-.2	
.		IS	09 09 15.6						-.5	
. 19	ACA	IPG	09 09 8.9				52	53	.1	
. 19	ASC	IPG	09 09 9.1				53	57	.1	
. 19	ASD	IPG	09 09 9.7	14.6	.1	3.06	61	70	-.4	
. 19	RAT	IPGD	09 09 10.7	126.2	.1	4.03	68	349	-.4	
.		ES	09 09 19.3						-.4	
. 19	SSI	IPG	09 09 16.9				106	44	.1	WHITE OUT

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	10 48	40.24	51.55 N 180.00 W	DEPTH = 71.9 KM			FREE DEPTH SOLUTION			
			DEAROF ISLANDS, ALEUTIAN ISLANDS							
19	ASD	IPGC	10 48 52.7				49	249	-.1	WHITE OUT
		ES	10 49 2.0						.0	
19	SSI	EPG	10 48 52.7				48	323	.0	WHITE OUT
19	ASB	IPGC	10 48 53.4	143.3	.1	4.18	57	248	-.0	
		IS	10 49 3.2						.2	
19	ACE	IPGD	10 48 53.7				60	254	-.0	
19	ASC	IPGD	10 48 53.8				59	261	.2	
19	ACA	IPG	10 48 53.9				62	263	.0	
19	ACD	EPG	10 48 53.9				62	258	.0	
19	ACB	EPG	10 48 54.1				64	262	.0	
19	ACF	EPG	10 48 54.6				70	268	-.1	
19	AND	IPGC	10 48 54.7				73	271	-.2	
19	ANA	IPGC	10 48 57.1				93	276	.1	
19	RAT	EP D	10 49 .1	86.9	.1	4.13	119	284	.2	ODIP
		ES	10 49 14.1						-.1	
19	13 20	49.90	51.40 N 179.35 W	DEPTH = 42.0 KM MB = 3.9			TELESEISMIC SOLUTION			
			DEAROF ISLANDS, ALEUTIAN ISLANDS							
19	ASD	IPGC	13 21 5.0				91	270	-.8	
		ES	13 21 15.4						-1.9	
19	SSI	EP	13 21 5.1				91	307	-.7	WHITE OUT
		IS	13 21 15.6						-1.8	
19	ASB	IPGC	13 21 5.9	255.2	.1	4.49	98	268	-.8	
		ES	13 21 16.9						-2.1	
19	ASC	IPG	13 21 6.9				103	274	-.6	
19	AND	IPG	13 21 8.5				119	279	-1.3	
19	ANA	IP	13 21 11.3				140	281	-1.6	
19	RAT	EP	13 21 14.7	77.0	.1	4.16	166	286	-2.1	OP.MAY BE EARLY
		ES	13 21 31.4						-4.9	
19	ADK	EP	13 21 18.8				192	73	-1.7	
		ES	13 21 40.2						-2.6	
19	RAT	IPG	14 56 52.9	149.0	.1	4.13				
		IS	14 57 1.3							
19	ANA	IPG	14 56 53.2							
		ES	14 57 2.8							
19	AND	IPGC	14 56 54.1							
19	ACF	EPG	14 56 54.2							
19	ACB	IPG	14 56 55.0							
19	ACA	IPG	14 56 55.1							
19	ACD	EPG	14 56 55.2							
19	ASC	EPG	14 56 55.3							
19	ACE	IPGD	14 56 55.4							
19	ASB	IPG	14 56 56.0	7.4	.1	2.94				
		ES	14 57 7.4							
19	ASD	IPGC	14 56 56.3	12.7	.1	3.19				
19	SSI	EPG	14 56 57.3							WHITE OUT
19	ADK	EP	16 23 4.2							
		ES	16 23 11.5							
19	19 46	19.48	51.15 N 178.49 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
19	ASC	EPG	19 46 29.3				59	53	-.6	
19	ACE	EP	19 46 29.3				55	59	-.1	
19	AND	IPG	19 46 29.4				56	35	-.1	
		ES	19 46 36.5						-.4	
19	ANA	IPG	19 46 29.4				55	12	.1	
		IS	19 46 36.5						.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 19	ACB	EP	19 46 29.4				55	50	.1	
. 19	ACC	EP	19 46 29.5				54	46	.3	
.		ES	19 46 36.3						.1	
. 19	ASB	IPG	19 46 29.6	4.8	.1	2.56	58	65	-.1	
.		ES	19 46 36.6						-.6	
. 19	ACF	EP	19 46 29.6				55	40	.3	
. 19	ACD	EP	19 46 29.7				55	55	.4	
. 19	ACA	EP	19 46 29.9				57	49	.2	
. 19	ASD	EPG	19 46 30.5	3.4	.2	2.14	65	65	-.3	
. 19	RAT	EP	19 46 31.5	10.4	.1	2.98	73	351	-.5	
. 19	SSI	EP	19 46 38.3	5.9	.1	2.89	113	42	.4	

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 . 19 20 19 55.76 51.01 N 179.09 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 19	ASB	IPGD	20 20 3.6	305.0	.2	3.95	41	16	.0	
.		IS	20 20 9.0						-.3	
. 19	ASD	IPGD	20 20 4.1	40.7	.1	3.41	46	23	-.2	
. 19	ACE	IPGC	20 20 4.2				44	8	.2	
. 19	ACD	IPGC	20 20 4.6				47	4	.2	
. 19	ASC	IPGC	20 20 5.1				51	6	.1	
. 19	ACR	IPGC	20 20 5.1				50	0	.1	
. 19	ACA	IPGC	20 20 5.4				52	2	.1	
. 19	ACC	EPG	20 20 5.4				53	357	.1	
. 19	ACF	IPGC	20 20 6.1				58	354	.1	
.		ES	20 20 13.6						.1	
. 19	AND	IPGD	20 20 6.6				62	351	-.1	
. 19	ANA	IPGD	20 20 8.5				75	337	-.0	
. 19	RAT	IP	20 20 12.3	45.4	.2	3.44	102	329	-.3	
. 19	SSI	EP	20 20 12.8				104	19	-.1	QP.WHIT OUT

.....
 19 ASD EP 22 51 39.3 1.0 .1 2.24
 19 ASB E(P) 22 51 39.3 QP
 E(S) 22 51 56.9

.....
 . 19 23 34 43.23 51.52 N 178.78 E DEPTH = 16.1 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 19	AND	IPGD	23 34 46.7				13	69	-.1	
.		ES	23 34 49.5						.0	
. 19	ACF	IPGC	23 34 46.7				15	87	-.4	
. 19	ANA	IPGC	23 34 46.9				14	326	-.1	QDIR
.		ES	23 34 49.9						.2	
. 19	ACA	IPG	23 34 48.3				24	100	.1	
. 19	ACB	IPG	23 34 48.3				23	106	.3	
. 19	ACD	IPGD	23 34 48.8				27	112	.2	
. 19	ASC	IPG	23 34 48.9				28	103	.2	
. 19	ACE	IPGD	23 34 49.2				31	116	.0	
. 19	ASB	IPGD	23 34 50.0	12.5	.1	2.80	37	118	-.1	QDIR
.		ES	23 34 55.3						.1	
. 19	ASD	IPGC	23 34 50.5	10.4	.1	2.76	42	110	-.3	
. 19	SSI	E(P)	23 34 55.1	7.7	.1	2.81	70	53	.1	

.....
 . 20 6 13 20.22 52.12 N 179.18 E DEPTH = 148.5 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

. 20	AND	IP	06 13 41.6				64	194	-.2	
. 20	ANA	IP D	06 13 41.9				65	213	-.0	
. 20	ASD	IP C	06 13 42.6	8.3	.1	3.18	82	172	-.3	
.		ES	06 13 59.4						-.0	
. 20	ASC	IP	06 13 42.9				73	181	.6	
. 20	ASB	IP	06 13 43.0	5.1	.1	2.98	85	177	-.0	
.		ES	06 13 59.7						-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
20	6 54	22.80	51.38 N 178.76 E	DEPTH = 39.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	AND	EP	06 54 30.1				24	34	-.1	
20	ANA	EP	06 54 30.5				28	346	-.0	
20	ASC	EP	06 54 30.8				29	73	.2	
20	ASB	EP	06 54 31.1	2.1	.1	2.12	34	94	.0	
		IS	06 54 37.1						-.0	
20	ASD	EP	06 54 31.7	1.5	.1	2.02	40	89	-.1	
20	13 58	41.89	51.33 N 179.79 E	DEPTH = 25.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	ASD	IP	13 58 48.4	2.1	.1	2.02	32	283	-.2	
20	ASB	IP	13 58 49.5	6.1	.1	2.53	38	276	.1	
		IS	13 58 54.8						-.0	
20	ASC	IP	13 58 50.5				46	290	.0	
20	AND	EP	13 58 53.4				64	295	.4	
		IS	13 58 56.6						-4.5	
20	ANA	EP	13 58 55.8				85	294	-.4	
20	18 44	4.37	51.32 N 179.03 E	DEPTH = 48.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	ASB	IP	18 44 12.3	3.5	.1	2.33	16	72	-.0	
20	ASC	IP	18 44 12.6				19	30	.1	
20	ASD	IP C	18 44 12.7	6.2	.1	2.60	23	69	-.0	
		IS	18 44 18.8						-.0	
20	AND	IP	18 44 13.0				28	349	-.1	
20	ADK	IP D	19 32 31.6							
		ES	19 32 45.2							
20	SSI	EP	19 33 8.2	19.1	.2					
		ES	19 33 48.4							
20	ASD	EP	19 33 10.3							POOR P + S.
		ES	19 33 50.2							
20	ASC	EP	19 33 12.3							
20	ASB	EP	19 33 12.6							
20	AND	EP	19 33 15.4							
20	RAT	EP	19 33 20.1							
20	22 40	44.88	51.59 N 179.94 E	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	SSI	IP C	22 40 57.2				42	324	-.0	
20	ASD	IP C	22 40 57.5	141.0	.1	4.16	47	242	-.1	
20	ASB	IP C	22 40 58.1				54	243	-.1	
		IS	22 41 7.8						-.0	
20	ACE	IP	22 40 58.3				57	249	-.1	
20	ASC	IP D	22 40 58.4				56	256	.2	
20	ACA	IP	22 40 58.4				58	259	-.1	
20	ACD	IP	22 40 58.5				59	253	.0	
20	ACB	IP	22 40 58.7				61	257	.0	
20	ACC	IP	22 40 59.1				63	260	.2	
20	ACF	IP	22 40 59.2				66	264	.0	
20	AND	IP D	22 40 59.4				68	268	.0	
20	ANA	IP D	22 41 1.6				89	273	.2	
20	RAT	IP C	22 41 3.9	104.3	.1	4.20	114	283	-.2	
		IS	22 40 18.1						-.0	

POOR P + S.

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
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20	22 57	10.90	36.16 N 139.77 E	DEPTH = 70.0 KM MB = 4.9			TELESEISMIC SOLUTION			
HONSHU, JAPAN										

21	AND	IP	02 09	7.8						
21	ANA	IP	02 09	8.0						
21	ASC	IP	02 09	9.9						
21	ASB	IP	02 09	11.1						
		I(S)	02 09	22.8						
21	ASD	IP	02 09	11.6						
21	ADK	EP	02 09	42.8						
		ES	02 10	21.3						

LARGE AMP

21	2 19	11.22	51.53 N 178.78 E	DEPTH = 18.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

21	AND	IP	02 19	14.9			13	74	-0.1	
21	ANA	IP	02 19	15.1			13	323	.0	
21	ASC	IP	02 19	17.1			28	106	.2	
21	ASB	IP	02 19	18.2	3.3	.1	2.23	38	120	-0.1
		ES	02 19	23.4					.0	
21	ASD	IP	02 19	18.8	5.3	.1	2.48	42	112	-0.1

21	2 35	39.76	51.55 N 178.80 E	DEPTH = 20.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

21	AND	IP	02 35	43.5			10	85	-0.1	
21	ANA	IP	02 35	43.8			13	309	.0	
21	ASC	IP	02 35	45.6			27	112	.2	
21	ASB	IP	02 35	46.8	24.4	.1	3.11	38	125	-0.1
		IS	02 35	52.1					.0	
21	ASD	IP	02 35	47.4	33.9	.1	3.28	42	116	-0.0

21	ASD	EP	03 36	25.5						
21	ASC	EP	03 36	25.7						
21	ASB	EP	03 36	26.1	3.7	.1	2.88			
		ES	03 36	46.9						

21	ANA	EP	05 25	29.3						
21	AND	EP	05 25	32.0						
21	ASC	EP	05 25	35.0						
21	ASB	EP	05 25	36.8						
21	ASD	EP	05 25	37.8	1.3	.1	2.40			
		ES	05 25	58.0						

21	5 28	38.90	51.47 N 178.77 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

21	AND	IP	05 28	41.8			16	49	-0.1	
21	ASC	EP	05 28	44.2			27	91	.4	
21	ASB	IP	05 28	45.3	1.9	.1	1.92	35	109	.1
21	ASD	IP	05 28	45.9	2.4	.1	2.08	40	102	-0.3
		ES	05 28	51.5					-0.1	

21	ANA	EP	05 39	54.3						
21	AND	EP	05 39	55.5						
21	ASC	EP	05 39	57.5						
21	ASB	EP	05 39	57.7						
		ES	05 40	35.3						
21	ASD	EP	05 39	58.4						

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	6 24	13.43	51.50 N 178.90 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	06 24 14.9				8	27	.1	
21	ANA	IP	06 24 17.6				22	310	.2	
21	ASB	EP	06 24 18.2	2.3	.1	1.93	29	123	-.4	
		ES	06 24 23.6						1.2	
21	ASD	IP	06 24 18.9	2.9	.1	2.09	33	112	-.5	
21	SSI	EP	06 29 28.6	36.1	.1					
		IS	06 30 27.6							
21	ANA	IP C	06 29 56.4							
21	AND	IP D	06 29 57.3							
21	ASC	EP	06 29 58.6							
21	ASB	EP	06 29 59.2	17.8	.1	3.49				
		ES	06 30 16.4							
21	ASD	IP	06 29 59.4	17.8	.1	3.49				
21	7 9	42.14	51.57 N 178.82 E	DEPTH = 21.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	07 09 46.0				9	95	.0	
21	ANA	EP	07 09 46.3				13	300	-.0	
21	ASB	EP	07 09 49.3				37	129	.0	
		ES	07 09 54.5						-.0	
21	ASD	EP	07 09 49.8	1.5	.1	1.94	41	119	-.0	
21	8 3	58.47	51.58 N 178.80 E	DEPTH = 19.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	08 04 2.2				11	100	-.1	
21	ANA	IP C	08 04 2.4				11	298	.1	
21	ACC	IP C	08 04 3.2				20	122	-.0	
21	ACA	IP C	08 04 3.8				25	116	.0	
21	ACB	IP C	08 04 3.8				24	123	.1	
21	ASC	IP D	08 04 4.3				28	117	.0	
21	ACD	IP D	08 04 4.4				29	126	.1	
21	ACE	IP	08 04 4.8				32	127	-.1	
21	ASB	IP C	08 04 6.0				39	128	.2	
		IS	08 04 11.0						-.2	
21	RAT	IP C	08 04 6.0	285.6	.1	4.20	41	307	-.0	
		ES	08 04 11.5						-.1	
21	ASD	IP C	08 04 6.1				43	119	-.3	
21	SSI	IP C	08 04 9.6				64	57	.1	
21	8 37	31.79	51.56 N 178.78 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	08 37 36.0				12	88	-.4	
21	ANA	EP	08 37 36.3				11	313	-.0	
21	ACC	IP	08 37 37.0				20	114	-.1	
21	ACB	IP	08 37 37.6				24	116	.1	
21	ACA	IP	08 37 37.7				25	110	.0	
21	ACD	EP	08 37 38.2				29	120	.1	
21	ASC	EP	08 37 38.3				29	111	.2	
21	ASB	EP	08 37 39.4	3.3	.1	2.28	39	124	-.0	
21	RAT	IP C	08 37 39.7	4.5	.1	2.42	41	311	.0	
21	ASD	IP	08 37 40.1	3.4	.1	2.31	43	115	.1	
		ES	08 37 45.7						-.3	
21	SSI	EP	08 37 43.6				67	56	.2	
		IS	08 37 51.8						-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
21	9 13	26.01	51.92 N 178.81 E	DEPTH = 119.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
21	RAT	IP C	09 13 42.6	21.3	.1	3.47	36	247	-.3	
		IS	09 13 55.4						.1	
21	AND	EP	09 13 43.1				42	166	-.1	
21	ANA	EP	09 13 43.3				35	197	.4	
21	SSI	IP C	09 13 43.8				54	93	.0	
21	ASC	IP D	09 13 44.2				57	154	.2	
21	ASD	EP	09 13 44.7	8.8	.1	3.13	70	148	-.1	
21	ASB	EP	09 13 44.7	5.6	.1	2.93	70	154	-.1	
		ES	09 13 58.3						-.2	
.....										
21	9 36	52.60	51.68 N 177.25 W	DEPTH = 57.0 KM MB = 4.6			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
21	ADK	IP C	09 37 3.6				45	60	.2	3.7ML FELT II
		IS	09 37 12.2						.8	
21	SSI	IP	09 37 24.5				219	277	.5	
21	ASD	IP	09 37 26.4				238	264	.1	
21	ASB	EP	09 37 27.4				245	263	.2	
		ES	09 37 56.4						3.9	
21	ASC	EP	09 37 28.0				249	266	.3	
21	AND	EP	09 37 30.1				263	269	.7	
21	ANA	EP	09 37 32.6				283	270	.8	
21	RAT	IP	09 37 35.2	247.9	.2		305	274	.6	
21	NIK	EP	09 38 11.3				589	73	1.8	
21	GMA	EP	09 40 40.0				1787	25	2.6	
.....										
21	9 59	31.93	51.59 N 178.87 E	DEPTH = 75.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
21	AND	EP	09 59 42.9				6	118	.0	
21	ANA	EP	09 59 43.1				15	286	.1	
21	ACC	EP	09 59 43.1				17	135	.0	
		ES	09 59 51.2						-.0	
21	ACB	EP	09 59 43.3				21	133	.1	
21	ASC	EP	09 59 43.6				25	125	.2	
21	ASB	EP	09 59 43.9	.9	.1	1.94	37	134	-.1	
		ES	09 59 52.6						-.2	
21	ASD	EP	09 59 44.1	1.3	.1	2.09	39	124	-.1	
21	RAT	EP	09 59 44.3	13.1	.1	3.12	44	302	-.2	
		ES	09 59 53.7						.1	
21	SSI	IP C	09 59 45.7	5.4	.1	2.78	60	56	-.0	
.....										
21	ASD	IP	10 05 43.1	3.2	.1	2.41				
21	ASB	IP	10 05 43.3	6.3	.1	2.71				
		ES	10 05 50.8							
21	ASC	EP	10 05 45.1							
21	AND	EP	10 05 47.2							
.....										
21	10 37	58.01	52.07 N 178.42 E	DEPTH = 141.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
21	RAT	EP	10 38 17.6				31	192	.1	
		ES	10 38 31.7						-.0	
21	ANA	EP	10 38 18.2				52	161	-.1	
21	AND	EP	10 38 19.0				67	147	-.1	
21	SSI	EP	10 38 20.0	4.4	.1	2.90	82	103	.0	
21	ASC	EP	10 38 20.2				85	142	.0	
21	ASD	EP	10 38 21.1	2.4	.1	2.65	99	140	-.0	
21	ASB	EP	10 38 21.1	2.3	.1	2.63	97	144	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	10 38 37.9						.0	
21	11 26	.43	50.90 N 178.39 E				28.5 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	ASB	EP	11 26 13.9				79	49	-.0	
		ES	11 26 23.7						-.1	
21	AND	EP	11 26 14.6				84	28	-.1	
21	ASC	EP	11 26 14.7				83	40	.2	
21	ASD	EP	11 26 15.0				86	50	.0	
21	RAT	EP	11 26 17.1	5.2	.1	2.79	101	357	-.0	
		ES	11 26 29.4						.1	
21	SSI	EP	11 26 22.8				139	36	-.0	
21	13 47 58.73		51.58 N 178.79 E				24.8 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	13 48 2.8				11	98	-.5	
21	ANA	IP	13 48 3.1				11	302	-.1	
21	ACB	IP	13 48 4.4				24	121	-.1	
21	ACA	IP	13 48 4.5				25	115	-.1	
21	ASC	IP	13 48 5.0				29	116	-.0	
21	ACD	IP	13 48 5.0				29	124	-.0	
21	ACE	IP	13 48 5.4				33	126	-.1	
21	ACC	IP	13 48 5.8				20	120	1.8	
21	ASB	IP D	13 48 6.3	10.7	.1	2.79	40	127	-.1	
		IS	13 48 11.6						-.4	
21	RAT	IP C	13 48 6.5	26.0	.1	3.18	40	308	-.0	
21	ASD	IP C	13 48 6.8	16.5	.1	3.00	43	118	-.1	
21	SSI	IP	13 48 10.1	9.3	.1	2.89	65	57	.0	
		IS	13 48 18.4						.0	
21	16 39 32.66		51.57 N 178.79 E				22.5 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	16 39 36.7				11	94	-.2	
21	ANA	IP C	16 39 36.9				11	305	.1	
21	ACA	IP C	16 39 38.3				25	113	.0	
21	ACB	IP	16 39 38.3				24	120	.1	
21	ASC	EP	16 39 38.9				29	114	.2	
21	ACD	IP	16 39 38.9				29	123	.1	
21	ACE	IP	16 39 39.3				33	125	.0	
21	ASB	IP C	16 39 40.0	15.6	.1	2.94	39	126	-.2	
		ES	16 39 45.4						-.3	
21	RAT	IP C	16 39 40.3	29.8	.1	3.23	41	309	-.1	
21	ASD	IP C	16 39 40.6	16.5	.1	2.99	43	117	-.1	
21	SSI	IP C	16 39 44.0	13.7	.1	3.05	66	57	-.0	
		IS	16 39 52.3						.0	
21	AND	IP D	16 54 30.2							
21	ANA	IP	16 54 30.4							
21	ACC	IP	16 54 31.3							
21	ACB	IP	16 54 31.8							
21	ACA	IP	16 54 31.9							
21	ASC	EP	16 54 32.4							
21	ACD	IP	16 54 32.4							
21	ACE	IP	16 54 32.8							
21	ASB	IP	16 54 33.6	2.8	.1	2.64				
		ES	16 54 48.9							
21	RAT	IP C	16 54 33.9	7.1	.1					
21	ASD	IP C	16 54 34.3	3.4	.1	2.73				

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG.	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
21	16 54	49.97	51.57 N 178.79 E	DEPTH = 21.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
21	AND	IP D	16 54 53.9				11	92	-.2	
21	ANA	IP C	16 54 54.1				11	306	.0	
21	ACC	IP	16 54 54.9				20	118	.0	
21	ACA	IP C	16 54 55.5				25	113	.1	
21	ACB	IP D	16 54 55.5				24	119	.2	
21	ASC	IP C	16 54 56.0				28	114	.1	
21	ACD	IP D	16 54 56.0				28	123	.1	
21	ACE	IP D	16 54 56.4				32	125	-.0	
21	ASB	IP C	16 54 57.2	15.6	.1	2.93	39	126	-.2	
		ES	16 55 2.5						-.3	
21	RAT	IP C	16 54 57.6	29.8	.1	3.23	41	309	-.1	
21	ASD	IP C	16 54 57.8	16.5	.1	2.99	43	117	-.1	
21	SSI	IP	16 55 1.4				66	56	.1	
		IS	16 55 9.4						-.1	
.....										
21	17 24	36.55	51.58 N 178.80 E	DEPTH = 25.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
21	AND	IP D	17 24 40.8				11	98	-.3	
21	ANA	EP	17 24 41.2				11	300	.0	
21	ACB	IP	17 24 42.4				24	122	.1	
21	ACA	EP	17 24 42.5				24	116	.1	
21	ACD	IP	17 24 42.9				28	125	.1	
21	ASC	EP	17 24 43.0				28	117	.2	
21	ACE	IP	17 24 43.3				32	127	-.0	
21	ASB	EP	17 24 44.1	2.8	.1	2.20	39	128	-.1	
		ES	17 24 49.4						-.4	
21	RAT	IP C	17 24 44.5	8.5	.1	2.70	41	307	.0	
21	ASD	IP	17 24 44.8	5.7	.1	2.54	43	119	.1	
21	SSI	IP	17 24 47.4	4.1	.1	2.53	65	57	-.4	SSI AMP OBSCURE
		IS	17 24 56.5						.5	
.....										
21	18 36	15.76	51.42 N 178.80 E	DEPTH = 44.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
21	AND	EP	18 36 23.3				20	33	-.2	
21	ACB	IP	18 36 23.7				21	75	.1	
21	ANA	EP	18 36 23.8				25	338	-.1	
21	ACA	IP	18 36 23.8				24	72	.1	
21	ACE	IP	18 36 23.8				26	93	-.1	
21	ACD	IP	18 36 23.9				24	86	.2	
21	ASB	EP	18 36 24.3				32	101	-.1	
		ES	18 36 30.5						-.2	
21	ASC	EP	18 36 24.3				26	78	.4	
21	ASD	EP	18 36 24.9	1.5	.1	2.03	38	94	-.1	
21	SSI	IP	18 36 29.4				76	46	-.0	
		IS	18 36 39.4						.0	
.....										
21	19 40	14.42	51.99 N 179.99 W	DEPTH = 191.6 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
21	SSI	IP	19 40 39.9				31	249	-.0	
21	ASD	IP	19 40 41.9	29.0	.1	3.81	81	215	.2	
21	AND	IP	19 40 42.0				87	237	-.1	
21	ASC	IP	19 40 42.1				83	225	.3	
21	ASB	IP	19 40 42.3	62.2	.1	4.15	88	217	.2	
		ES	19 41 1.7						-.6	
21	ANA	IP	19 40 42.8				101	247	-.1	
21	RAT	IP	19 40 43.4	49.7	.1	4.08	117	260	-.5	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	19 41 6.0						.6	
21	20 0	19.94	51.58 N 178.91 E	DEPTH = 22.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP D	20 00 23.6				4	129	-.1	
21	ACC	IP	20 00 24.4				14	140	.1	
21	ASC	IP	20 00 24.5				22	127	-.7	
21	ACA	IP	20 00 24.7				18	128	-.0	
		IS	20 00 28.5						.3	
21	ANA	IP	20 00 24.8				18	286	.1	
21	ACB	IP	20 00 24.8				18	137	.1	
21	ACD	IP	20 00 25.4				23	138	.1	
21	ACE	IP	20 00 25.8				27	138	.0	
21	ASB	EP	20 00 26.8	4.7	.1	2.37	34	137	.1	
		IS	20 00 31.4						-.2	
21	ASD	IP	20 00 27.1	2.8	.1	2.17	37	125	.0	
21	RAT	IP	20 00 28.4	17.5	.1	3.04	47	301	-.1	
21	SSI	IP	20 00 30.2				58	53	.1	
		IS	20 00 37.5						-.0	
21	20 23	40.48	51.57 N 178.79 E	DEPTH = 21.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	EP D	20 23 44.4				11	92	-.1	
21	ACF	IP	20 23 44.5				14	108	-.3	
21	ANA	EP C	20 23 44.6				11	306	.1	
21	ACC	IP	20 23 45.4				19	118	.1	
21	ACB	IP	20 23 45.9				24	119	.1	
21	ACA	IP	20 23 46.1				24	113	.2	
21	ASC	EP	20 23 46.4				28	114	.0	
21	ACD	IP	20 23 46.5				28	123	.1	
21	ACE	IP	20 23 47.0				32	125	.1	
21	ASB	EP C	20 23 47.7	371.8	.1	4.31	39	126	-.1	
		IS	20 23 52.9						-.3	
21	RAT	IP C	20 23 48.1				41	309	-.1	
21	ASD	EP	20 23 48.2				43	117	-.2	
21	SSI	IP	20 23 51.8				66	56	.0	
		IS	20 24 0.0						.0	
21	20 49	1.09	51.57 N 178.79 E	DEPTH = 21.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	AND	IP	20 49 5.0				11	91	-.1	
21	ANA	IP	20 49 5.2				11	307	.1	
21	ACB	IP	20 49 6.5				24	119	.1	
21	ACA	IP	20 49 6.6				24	112	.1	
21	ASC	IP	20 49 7.3				28	114	.3	
		IS	20 49 11.0						-.3	
21	ACE	IP	20 49 7.5				32	125	.0	
21	ASB	IP	20 49 8.3	7.0	.1	2.58	39	126	-.1	
		IS	20 49 13.6						-.2	
21	RAT	IP	20 49 8.6	21.3	.1	3.08	41	309	-.2	
21	ASD	IP	20 49 8.9				43	117	-.1	
21	SSI	IP	20 49 12.5	4.9	.1	2.60	66	56	.1	
		IS	20 49 20.5						-.1	
21	AND	IP D	20 49 38.5							
21	ANA	IP	20 49 38.8							
21	ASB	EP	20 49 41.9							
21	ASD	IP C	20 49 42.6	3.1	.1	2.28				
		ES	20 49 48.2							

JUN 1971	STA	PHASE	TIME (GMT)	AMP. (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
.....										
21	20 54	14.52	50.65 N 177.42 E	DEPTH = 13.1 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
21	RAT	IP	20 54 37.0	18.6	.1	3.47	143	26	-.4	
21	ANA	EP	20 54 37.3				139	38	.5	
21	AND	EP	20 54 38.3				148	46	.2	
21	ASB	EP	20 54 38.5	3.5	.1	2.77	150	58	-.0	
		ES	20 54 55.6						-.4	
21	ASD	EP	20 54 39.7				158	58	.1	
21	SSI	IP	20 54 46.3	44.4	.1		205	47	-.3	
		ES	20 55 10.3						.3	
.....										
21	23 31	26.28	51.57 N 178.81 E	DEPTH = 18.8 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
21	AND	IP D	23 31 29.9				10	92	-.0	
21	ACF	IP	23 31 30.0				14	109	-.2	
21	ANA	IP	23 31 30.1				12	304	-.0	
21	ACA	IP	23 31 31.4				24	113	.0	
21	ACB	IP	23 31 31.4				23	120	.1	
21	ASC	IP	23 31 32.1				27	115	.2	
21	ACD	IP	23 31 32.1				27	124	.2	
21	ACE	IP	23 31 32.4				31	126	-.0	
21	ASB	IP D	23 31 33.2	7.9	.1	2.62	38	127	-.2	
		ES	23 31 38.5						-.1	
21	ASD	IP	23 31 33.8	9.7	.1	2.73	42	117	-.2	
21	SSI	IP	23 31 37.4	11.2	.1	2.95	65	56	-.0	
		IS	23 31 45.5						-.0	
.....										
22	ADK	IP D	03 07 22.6							
		IS	03 07 31.5							
22	SSI	EPN	03 07 54.4	4.9	.1					
		EP	03 07 56.4							
22	ASD	EP	03 07 57.5	3.1	.1					
		ES	03 08 41.9							
22	ASB	EP	03 07 58.2	4.9	.1					
22	ASC	E(P)	03 07 58.4							
22	AND	EP	03 08 .7							
22	ANA	E(P)	03 08 2.8							
22	RAT	EP	03 08 5.2	6.3	.1					
.....										
22	4 24	7.11	51.60 N 178.83 E	DEPTH = 21.1 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
22	AND	IP D	04 24 11.0				9	116	-.0	
		ES	04 24 13.8						-.1	
22	ANA	EP	04 24 11.2				12	284	-.0	
22	ACB	EP	04 24 12.5				24	130	.1	
22	ACD	EP	04 24 13.2				29	132	.1	
22	ACE	EP	04 24 13.5				32	133	-.1	
22	ASB	EP	04 24 14.3	.7	.1	1.59	39	132	-.2	
22	ASD	EP	04 24 15.0	1.0	.1	1.76	42	123	.0	
.....										
22	4 44	45.59	51.17 N 178.54 E	DEPTH = 16.7 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ACB	EP	04 44 54.6				50	49	.1	
22	AND	IP C	04 44 54.7				53	33	-.1	
22	ANA	EP C	04 44 54.7				52	9	.0	
22	ASB	EP	04 44 54.9	1.5	.1	2.01	54	66	-.1	
		ES	04 45 1.8						-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	ACA	EP	04 44 55.0				53	49	.1	
22	4 56	.97	51.59 N 178.85 E				DEPTH = 20.4 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	AND	IP D	04 56 4.5				7	110	-.1	
22	ACA	EP	04 56 6.1				22	122	.1	
22	ACB	EP	04 56 6.1				21	129	.2	
22	ACD	EP	04 56 6.7				26	131	.1	
22	ACE	EP	04 56 7.0				30	133	-.1	
22	ASB	IP	04 56 7.8	1.9	.1	2.00	37	132	-.2	
		ES	04 56 13.1						-.1	
22	ASD	EP	04 56 8.5	2.4	.1	2.12	40	122	.0	
22	4 57 23.08		51.79 N 178.75 E				DEPTH = 102.9 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	ANA	IP C	04 57 37.6				19	199	.0	
22	AND	IP C	04 57 37.8				29	151	-.1	
22	ACF	EP	04 57 38.0				34	150	-.1	
22	ACC	IP	04 57 38.4				40	149	.1	
22	ACA	IP	04 57 38.5				43	144	.0	
22	ACB	IP	04 57 38.6				44	147	.1	
22	ASC	IP C	04 57 38.7				46	142	.0	
22	ACD	IP	04 57 38.8				48	146	.0	
22	ACE	IP	04 57 38.9				52	146	-.1	
22	ASB	EP	04 57 39.4	5.4	.1	2.86	59	144	-.1	
		ES	04 57 51.4						.0	
22	ASD	IP D	04 57 39.6	10.4	.1	3.14	61	137	.0	
22	7 44 3.32		51.75 N 174.83 E				DEPTH = 150.0 KM			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	ANA	E(P)	07 44 43.4				265	92	.0	
22	AND	E(P)	07 44 45.7				286	93	-.0	
22	ASD	E(P)	07 44 49.0				315	96	-.0	
		ES	07 45 22.4						-.0	
22	SSI	EP	07 44 50.5				328	85	-.0	
22	ANA	E(P)	07 59 12.2							
22	AND	E(P)	07 59 14.2							
		E(S)	07 59 49.5							
22	ACB	EP	07 59 15.8							
22	ACA	EP	07 59 15.9							
22	SSI	E(P)	07 59 21.1							
22	ASD	E(P)	11 08 20.5	1.4	.1	2.43				
22	ASB	EP	11 08 20.7	1.7	.1	2.52				
		ES	11 08 40.3							
22	ANA	E(P)	11 08 21.8							
22	RAT	E(P)	11 08 24.1							
22	11 23 8.20		9.76 S 160.18 E				DEPTH = 34.0 KM			TELESEISMIC SOLUTION
			SOLOMON ISLANDS							
22	ADK	EP	11 33 43.8				7178	16		

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
.....										
22	13 17	48.70	63.65 N 149.97 W	DEPTH = 132.0 KM MB = 3.8			TELESEISMIC SOLUTION			
CENTRAL ALASKA										
.....										
22	AND	IP	13 28 45.5							
22	ANA	IP	13 28 45.8							
22	ACB	IP	13 28 47.0							
22	ACA	IP	13 28 47.1							
22	ASC	EP	13 28 47.6							
22	ACF	EP	13 28 48.0							
22	ASB	IP D	13 28 48.8	6.8	.1					
		ES	13 29 54.1							
22	ASD	IP	13 28 49.4							
.....										
22	14 34	9.29	50.86 N 177.87 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ANA	IP C	14 34 27.3				101	33	.3	
22	ASC	E(P)	14 34 27.8				112	53	-.9	
		E(S)	14 34 42.9						.1	
22	AND	E(P)	14 34 28.0				108	44	-.1	
22	ASD	EP C	14 34 30.3	1.8	.1	2.39	118	60	.7	
.....										
22	16 21	33.47	51.57 N 178.81 E	DEPTH = 21.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	AND	IP D	16 21 37.3				10	92	-.1	
22	ANA	IP D	16 21 37.6				12	304	.0	
22	ASC	IP	16 21 39.4				27	115	.2	
22	ASB	IP C	16 21 40.6	40.0	.1	3.33	38	127	-.1	
		IS	16 21 46.0						.0	
22	ASD	IP C	16 21 41.2				42	117	-.0	
.....										
22	17 11	25.79	51.56 N 178.80 E	DEPTH = 19.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	AND	IP	17 11 29.4				10	87	-.1	
22	ANA	IP C	17 11 29.7				13	308	.0	
22	ASC	EP	17 11 31.6				27	113	.2	
22	ASB	IP C	17 11 32.8	5.4	.1	2.45	38	125	-.1	
		IS	17 11 38.1						.0	
22	ASD	IP C	17 11 33.4				42	116	-.1	
.....										
22	17 12	40.24	51.60 N 178.81 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	AND	IP D	17 12 44.6				11	110	-.1	
22	ANA	IP C	17 12 44.8				11	289	.0	
22	ASC	IP C	17 12 46.7				29	121	.2	
22	ASB	IP C	17 12 47.9	13.3	.1	2.89	40	130	-.1	
		IS	17 13 53.1						59.4	
22	ASD	IP C	17 12 48.5	15.0	.1	2.96	43	121	.0	
.....										
22	17 34	9.71	51.46 N 178.73 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
22	AND	IP D	17 34 13.1				19	52	-.1	
22	ANA	IP	17 34 13.4				20	346	.1	
22	ASC	EP	17 34 15.3				30	88	.1	
22	ASB	IP	17 34 16.5	4.4	.1	2.31	37	106	.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
		ES	17 34 21.8						.4	
	22	ASD IP C	17 34 17.2	6.7	.1	2.55	43	99	-.3	
.....										
	22	18 1 51.20	51.56 N 178.80 E	DEPTH = 19.1 KM					FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
	22	AND IP D	18 01 54.8				11	86	-.1	
	22	ANA EP	18 01 55.1				12	309	.0	
	22	ACB IP	18 01 56.2				23	117	-.0	
	22	ACA EP	18 01 56.4				24	111	.1	
	22	ASC E(P)	18 01 57.0				27	112	.2	
	22	ACE E(P)	18 01 57.3				31	124	-.0	
	22	ASB EP	18 01 58.2	1.5	.1	1.90	38	125	-.1	
		ES	18 02 3.5						.0	
	22	ASD IP C	18 01 58.8	2.5	.1	2.15	42	116	-.1	
.....										
	22	18 43 38.49	51.44 N 177.41 E	DEPTH = 50.0 KM					FIXED DEPTH SOLUTION	
		PAT ISLANDS, ALEUTIAN ISLANDS								
	22	RAT IP	18 43 51.7				75	58	-.4	
	22	ANA IP C	18 43 53.7				89	76	-.1	
	22	AND E(P)	18 43 56.3				108	82	.2	
	22	ASC E(P)	18 43 58.0				122	88	.2	
	22	ASB E(P)	18 43 58.3	2.2	.1	2.63	128	93	-.3	
	22	ASD E(P)	18 43 59.2	2.7	.1	2.63	134	92	-.1	
		ES	18 44 14.4						-.1	
	22	SSI IP	18 44 2.9				158	71	.6	
.....										
	22	18 56 45.01	51.83 N 179.86 W	DEPTH = 84.7 KM					FREE DEPTH SOLUTION	
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
	22	ASD EP	18 57 .8	2.1	.1	2.43	74	229	-.0	
	22	ASB E(P)	18 57 1.5	1.7	.1	2.35	81	230	.0	
		ES	18 57 13.5						-.0	
	22	AND EP	18 57 2.1				87	250	.0	
	22	ANA EP	18 57 3.8				105	258	-.0	
.....										
	22	20 43 56.42	51.13 N 179.00 E	DEPTH = 25.0 KM					FIXED DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
	22	ASR EP	20 44 2.9	1.5	.1	1.87	31	34	-.1	
		ES	20 44 7.7						-.0	
	22	ACE EP	20 44 3.2				32	21	.0	
	22	ACD EP	20 44 3.5				34	16	.1	
	22	ACB EP	20 44 3.9				38	9	.1	
	22	ASC EP	20 44 4.1				39	17	.1	
	22	ACA EP	20 44 4.2				40	12	.0	
	22	AND EP	20 44 5.2				48	356	-.1	
.....										
	22	20 47 17.30	52.03 N 178.54 E	DEPTH = 140.7 KM					FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
	22	ANA IP C	20 47 37.2				46	169	.0	
	22	AND E(P)	20 47 37.7				59	151	-.1	
	22	SSI IP D	20 47 38.6				74	101	-.0	
	22	ASC EP	20 47 38.8				76	145	.0	
	22	ASB IP C	20 47 39.6	44.4	.2	3.61	89	146	-.0	
		ES	20 47 55.9						-.0	
	22	ASD IP C	20 47 39.7	73.4	.2	3.83	90	142	.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	22 47	5.61	51.62 N 178.83 E	DEPTH = 23.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	AND	IP D	22 47 10.8				10	126	-.1	
22	ANA	IP C	22 47 11.0				12	275	-.0	
22	ACR	IP	22 47 12.4				25	134	.1	
22	ACD	IP	22 47 13.0				30	135	.1	
22	ACE	IP	22 47 13.3				34	136	-.1	
22	ASB	IP C	22 47 14.1	1.2	.1	1.84	40	135	-.2	
22	ASD	IP C	22 47 14.8	1.4	.1	1.92	43	125	.1	
		ES	22 47 20.6						-.0	
22	23 38	26.41	51.57 N 178.81 E	DEPTH = 19.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
22	AND	IP D	23 38 29.9				10	94	-.1	
22	ANA	IP C	23 38 30.3				12	301	.0	
22	ACA	IP	23 38 31.6				23	115	.1	
22	ASC	EP	23 38 32.2				27	116	.2	
22	ACD	EP	23 38 32.2				27	125	.2	
22	ACF	IP	23 38 32.5				31	127	-.1	
22	ASB	IP	23 38 33.3	3.2	.1	2.23	38	128	-.2	
		ES	23 38 38.7						-.0	
22	ASD	IP C	23 38 34.0	3.5	.1	2.29	42	118	-.1	
23	0 15	44.68	51.02 N 179.15 E	DEPTH = 34.7 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASB	IP	00 15 52.6				39	10	-.5	FROM BRUSH RCOR
23	ACE	IPG	00 15 53.4				43	2	-.2	
23	ACD	IPG	00 15 53.9				46	358	-.0	
23	ASD	IP	00 15 54.2				44	17	.5	FROM BRUSH RCOR
23	ACB	IPG	00 15 54.4				50	355	-.1	
23	ASC	EP	00 15 54.7				50	1	.3	FROM BRUSH RCOR
23	ACA	IPG	00 15 54.8				52	357	.1	
23	ACC	EPG	00 15 54.9				53	352	.1	
23	ACF	EPG	00 15 55.6				58	349	.1	
23	AND	IP	00 15 56.1				62	347	-.0	FROM BRUSH RCOR
23	ANA	IPG	00 15 58.0				76	333	-.1	FROM BRUSH RCOR
23	SSI	EP	00 16 1.7	25.3	.1	3.49	102	17	-.1	
		IS	00 16 14.2						-.1	
23	RAT	EP	00 16 2.1	15.9	.1	3.30	104	327	-.0	
		ES	00 16 14.9						.1	
23	0 25	27.49	50.96 N 179.24 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASB	EPG	00 25 35.8				44	1	-.0	FROM BRUSH RCOR
23	ASD	IPG	00 25 36.4				48	9	.0	FROM BRUSH RCOR
23	ACE	EPG	00 25 36.6				49	355	.1	
23	ACD	EPG	00 25 37.3				52	352	.3	
23	ACF	EPG	00 25 39.0				65	345	.2	QP
		I(S)	00 25 47.3						.2	
23	AND	EPG	00 25 39.4				70	344	-.1	FROM BRUSH RCOR
23	SSI	IP	00 25 45.0	8.0	.1	3.00	106	13	.0	
		ES	00 25 57.4						-.3	
23	RAT	EP	00 25 45.6	4.3	.1	2.75	112	326	-.3	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	0 58 38.00		51.31 N 178.18 E	DEPTH = 50.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ANA	IP	00 58 48.7				49	43	-.0	
		ES	00 58 56.5						-.0	
23	AND	EP	00 58 50.0				61	62	-.0	
23	ASB	E(P)	00 58 51.6	1.4	.1	2.16	75	85	-.0	
23	1 40 39.04		50.97 N 178.72 E	DEPTH = 24.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASB	IPG	01 40 49.2	8.1	.1	2.78	56	40	.1	
		ES	01 40 56.5						.1	
23	ACE	IPGD	01 40 49.2				57	33	.0	
23	ACD	EPG	01 40 49.4				58	30	.1	
23	ACB	IPGD	01 40 49.7				60	25	.1	
23	ASD	IPGC	01 40 50.0	9.0	.1	2.86	63	43	-.1	
		ES	01 40 57.8						-.4	
23	ACA	EPG	01 40 50.1				63	26	.1	
23	ASC	IPG	01 40 50.2				62	29	.2	
23	ACF	EPG	01 40 50.3				64	17	.1	
23	AND	IPG	01 40 50.5				67	14	-.2	
23	ANA	EPG	01 40 51.4				73	357	-.1	
23	SSI	EP	01 40 58.2	32.2	.1	3.64	119	30	-.1	POOR TAMP
		E(S)	01 41 12.6						.2	
23	1 46 57.51		51.54 N 178.83 E	DEPTH = 19.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	AND	IPGD	01 47 .7				8	76	-.4	VERY LOCAL
		IS	01 47 3.7						-.1	
23	ACF	EP	01 47 1.2				11	100	-.1	
		ES	01 47 4.6						.5	
23	ACB	E(P)	01 47 2.4				20	117	.2	
23	ACD	EP	01 47 2.9				25	121	.1	
23	ACE	EP	01 47 3.2				28	124	-.1	
23	ASB	E(P)	01 47 4.1				35	125	-.2	
		ES	01 47 9.3						.1	
23	ASD	EP	01 47 4.7	2.2	.1	2.08	39	116	-.1	
		ES	01 47 10.0						-.2	
23	SSI	EP	01 47 9.2	1.4	.1	2.05	65	53	.6	
		ES	01 47 16.2						-.5	
23	2 0 1.91		51.16 N 179.48 E	DEPTH = 32.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	ASD	IPG	02 00 8.7	9.7	.1	2.71	28	340	-.1	
23	ASB	EPG	02 00 8.8	3.2	.1	2.23	28	325	-.0	
		ES	02 00 14.5						.6	
23	ACE	EPG	02 00 9.5				35	322	-.1	
23	ACD	EPG	02 00 10.1				39	322	.0	
		ES	02 00 15.5						-.5	
23	ASC	EPG	02 00 10.4				41	327	.1	
23	ACB	EPG	02 00 10.7				44	322	.0	
23	ACA	EPG	02 00 10.8				44	325	.1	
23	ACF	EPG	02 00 12.0				53	321	.0	
23	AND	IPG	02 00 12.4				58	321	-.2	
23	ANA	EPG	02 00 15.6				77	313	.3	
23	SSI	EP	02 00 16.1	7.7	.1	2.90	82	5	.0	
		ES	02 00 26.4						.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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23	2 22	34.60	58.34 N 151.82 W	DEPTH = 33.0 KM		MB = 4.2	TELESEISMIC SOLUTION			
KODIAK ISLAND REGION										

23	2 40	50.97	51.35 N 179.53 E	DEPTH = 65.1 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

23	ASD	EPG	02 41	.8	1.0	.1	1.89	14	290	.0
		ES	02 41	7.9						-.0
23	ASB	EPG	02 41	1.0	1.9	.1	2.19	20	274	.0
		ES	02 41	8.3						.0
23	ACE	EPG	02 41	1.1				26	283	-.2
23	ASC	EPG	02 41	1.4				29	297	-.0
23	ACD	EPG	02 41	1.6				29	288	.2

23	2 46	33.38	50.66 N 176.93 E	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

23	RAT	EP	02 46	59.4	16.0	.1	3.45	160	37	-.6	QP, NOISY
23	ANA	IP	02 47	.5				162	48	.2	
23	AND	EP	02 47	1.9				173	54	-.2	
23	ASB	IP	02 47	2.8	4.3	.1	2.93	180	63	-.3	
		ES	02 47	24.6						-.1	
23	ASC	EP	02 47	3.3				180	59	.2	QP
23	ASD	EP	02 47	3.6				187	63	-.6	QP
23	SSI	IP	02 47	11.3	19.9	.1		230	52	1.0	
		ES	02 47	38.0						.8	

23	4 23	22.33	51.57 N 178.80 E	DEPTH = 21.3 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

23	AND	IPGD	04 23	26.2				11	92	-.2	VERY LOCAL
		IS	04 23	29.1						-.2	
23	ANA	EPG	04 23	26.5				11	306	.1	QP, NOISY
23	ACF	EPG	04 23	26.7				14	108	.0	
23	ACB	EPG	04 23	27.8				23	119	.2	
23	ACA	EPG	04 23	27.9				24	113	.2	
23	ASC	IPG	04 23	28.4				28	114	.2	
23	ACD	IPG	04 23	28.4				28	123	-.2	
23	ACE	IPG	04 23	28.7				32	125	-.0	
23	ASB	IPGD	04 23	29.5	8.8	.1	2.68	39	126	-.2	
		ES	04 23	34.9						-.1	
23	RAT	E(P)	04 23	29.9	20.2	.1	3.06	41	309	-.1	
		ES	04 23	35.6						-.1	
23	ASD	IPGD	04 23	30.0	9.1	.1	2.72	43	117	-.2	QDIR
		ES	04 23	35.7						-.3	
23	SSI	EP	04 23	33.7	4.1	.1	2.53	66	56	.1	
		ES	04 23	41.8						-.0	

23	6 27	23.40	51.48 N 178.84 E	DEPTH = 42.7 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										

23	AND	EPG	06 27	30.4				12	43	-.1	
23	ACB	EPG	06 27	30.7				18	97	-.1	
23	ANA	EPG	06 27	30.9				20	323	-.0	
23	ACA	EPG	06 27	31.1				20	91	.2	
23	ASD	EPG	06 27	32.3	.1	.1	.97	37	106	-.0	
		ES	06 27	38.8						-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	10 2	35.33	51.29 N 179.84 W	DEPTH = 27.6 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	ASD	IPG	10 02 45.8	12.0	.1	2.96	58	282	.0	
		ES	10 02 53.2						-.2	
23	ASB	EPG	10 02 46.6	7.7	.1	2.80	64	278	-.0	
		IS	10 02 54.9						.1	
23	ACE	IPG	10 02 47.4				70	281	-.1	
23	ASC	IPG	10 02 47.8				72	286	.0	
		IS	10 02 57.1						.3	
23	ACD	EPG	10 02 47.9				73	283	-.0	
23	ACA	EPG	10 02 48.4				75	287	.1	
23	ACB	IPG	10 02 48.5				77	285	.0	
23	SSI	IPG	10 02 48.8	17.7	.1	3.23	78	330	.1	
		IS	10 02 58.2						-.2	
23	ACF	EPG	10 02 49.8				85	288	.1	OP
23	AND	EPG	10 02 50.3				89	290	-.0	
23	ANA	EPG	10 02 53.4				111	290	-.1	
23	10 54	43.74	52.15 N 173.94 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	RAT	EP	10 55 29.7	112.4	.2		303	96	.0	
		E(S)	10 56 3.5						.4	
23	ANA	EPN	10 55 32.9				329	98	.0	
		IP	10 55 34.1							
		E(S)	10 56 10.6						1.9	
23	AND	EP	10 55 35.3				351	99	-.2	
23	ASC	EPN	10 55 37.7				367	100	.1	
		IP	10 55 39.1							
23	ASB	EPN	10 55 38.5				376	101	-.1	
		EP	10 55 40.3	8.1	.2					
23	ASD	EP	10 55 39.3	14.0	.2		381	101	.0	
		E(S)	10 56 19.8						-.0	
23	SSI	EP	10 55 40.1	17.0	.2		388	92	.0	POOR TAMP
23	10 59	10.07	51.71 N 179.71 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
23	SSI	IPGC	10 59 19.8	132.1	.1	4.05	52	293	-1.4	
		IS	10 59 25.8						-3.4	
23	ASD	IP	10 59 23.6	4.9	.1	2.71	75	242	-.1	2 QUAKES
		IS	10 59 32.5						-1.1	
23	ASC	IP	10 59 24.6				82	251	-.0	
23	ASB	IP	10 59 24.7	4.5	.1	2.70	82	242	.2	
		IS	10 59 35.2						.1	
23	AND	EP	10 59 26.0				94	261	.0	
23	ANA	IP	10 59 28.9				113	266	.6	
23	RAT	EP	10 59 32.0	17.9	.1	3.46	135	275	.9	
23	11 47	2.10	51.48 N 178.72 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
23	AND	IPG	11 47 8.1				18	59	.9	
23	ACF	EPG	11 47 8.2				19	74	.9	
23	ANA	IPG	11 47 8.4				17	345	1.3	
23	ACB	IPG	11 47 8.4				26	94	.4	
23	ACD	IPGD	11 47 8.5				29	101	.1	
23	ACE	EPG	11 47 8.5				32	105	-.3	
23	ACA	IPGD	11 47 8.6				27	89	.4	
23	ASC	IPG	11 47 8.8				31	93	.2	
23	ASB	EPG	11 47 9.0	2.5	.1	2.15	39	110	-.7	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
.	23	ASD	ES 11 47 15.1						-.1	
.	23	ASD	IPG 11 47 9.7	3.6	.1	2.35	44	102	-.7	
.	23	SSI	ES 11 47 16.2						-.3	
.	23	SSI	EP 11 47 14.4	4.4	.1	2.61	75	52	-.6	QP
.	23	SSI	IS 11 47 23.9						-.4	
.....										
23	12 49 54.79	50.93 N 179.89 E DEPTH = 50.0 KM					FIXED DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS								
23	ASD	IPND	12 50 6.4				64	323	-.8	
23	ASB	IP	12 50 7.9	18.6	.1	3.25				
23	ASB	IP D	12 50 6.9	58.4	.2	3.45	66	317	-.5	
23	ASC	ES	12 50 15.9						-.6	
23	ASC	IPNC	12 50 8.7				78	319	-.1	
23	AND	IP	12 50 9.8							
23	AND	IPN	12 50 11.1				96	317	.1	
23	SSI	IP	12 50 12.1							
23	SSI	IP D	12 50 12.5	69.2	.1	3.97	109	349	-.1	
23	ANA	ES	12 50 26.0						.5	
23	ANA	EP	12 50 13.8				116	312	.4	VQP
23	RAT	EPN	12 50 18.0	20.4	.1	3.54	145	312	1.0	
23	RAT	IP	12 50 18.8							
.....										
23	ASC	EP	13 09 17.0							
23	ASD	EP	13 09 17.1	.8	.1	2.20				
23	ANA	E(S)	13 09 36.3							
23	ANA	EP	13 09 17.7							
23	RAT	IP	13 09 18.0	5.7	.1					
.....										
23	13 20 52.07	52.41 N 178.29 E DEPTH = 141.1 KM					FREE DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS								
23	RAT	EP	13 21 12.9	8.1	.1	3.15	68	177	-.2	
23	ANA	ES	13 21 28.6						.2	
23	ANA	EP	13 21 14.5				91	163	-.2	
23	AND	ES	13 21 31.0						.1	
23	AND	EP	13 21 15.8				105	154	.2	
23	AND	ES	13 21 32.5						-.2	
.....										
23	ASD	EP	14 17 57.2	2.9	.2					OS
23	ASB	EP	14 17 57.9	1.1	.1					
23	SSI	IP	14 17 58.2	4.4	.1					
23	ASC	E(S)	14 18 42.7							
23	ACA	EP	14 17 59.4							
23	ACA	EP	14 17 59.8							
23	ACB	IP	14 17 59.9							
23	RAT	EP	14 18 7.5	8.6	.3					
.....										
23	14 56 56.82	51.44 N 178.79 E DEPTH = 44.8 KM					FREE DEPTH SOLUTION			
		RAT ISLANDS, ALEUTIAN ISLANDS								
23	AND	IPGC	14 57 4.5				18	40	.1	
23	ACF	IPG	14 57 4.6				17	55	.2	
23	ACC	IPGD	14 57 4.7				19	73	.2	
23	ACB	IPGD	14 57 4.8				21	82	.2	
23	ACD	IPGD	14 57 4.9				24	92	.0	
23	ACA	IPGD	14 57 5.0				24	78	.2	
23	ACE	IPGD	14 57 5.0				27	98	-.1	
23	ASC	IPGD	14 57 5.1				26	84	.1	
23	ANA	IPGD	14 57 5.1				23	338	.4	
23	ASB	IPGC	14 57 5.4	20.2	.1	3.13	33	105	-.2	
23	ES		14 57 11.4						-.6	
23	ASD	IPGC	14 57 6.0	40.7	.1	3.46	39	97	-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	14 57 12.4						-.5	
23	RAT	IPGD	14 57 7.3	76.5	.1	3.79	51	322	-.2	
		E(S)	14 57 14.5						-.8	
23	SSI	IPGC	14 57 10.5	41.2	.1	3.62	75	47	.2	
		ES	14 57 20.2						.0	
23	15 19 44.03	51.61 N 178.84 E DEPTH = 23.0 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION	
23	AND	IPGD	15 19 48.0				9	126	-.2	
		IS	15 19 51.1						-.1	
23	ANA	E(P)	15 19 48.4				13	277	-.0	VOP
23	ACF	EPG	15 19 48.6				14	133	.1	
23	ASC	EPG	15 19 49.5				28	127	-.5	
23	ACB	EPG	15 19 49.6				24	134	.1	
23	ACA	EPG	15 19 49.7				24	127	.1	
23	ACC	EPG	15 19 49.8				20	136	.7	
23	ACD	EPG	15 19 50.3				29	135	.1	
23	ACE	EPG	15 19 50.6				33	136	-.1	
23	ASB	EPG	15 19 51.4	1.3	.1	1.86	40	135	-.2	
		ES	15 19 56.8						-.3	
23	RAT	EP	15 19 51.7	2.9	.1	2.22	41	301	-.1	
23	ASD	EPG	15 19 52.1	1.4	.1	1.91	42	125	.1	
		ES	15 19 57.7						-.1	
23	SSI	E(P)	15 19 54.6				60	58	.1	VOP
23	15 29 59.60	37.00 N 116.01 W DEPTH = 0.0 KM MB = 4.9 SOUTHERN NEVADA							TELESEISMIC SOLUTION	
23	16 51 13.69	51.62 N 178.86 E DEPTH = 22.1 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION	
23	AND	IPGD	16 51 17.7				9	136	-.0	
		ES	16 51 20.5						-.2	
23	ACF	EP	16 51 18.2				14	139	.1	
23	ACC	E(P)	16 51 18.8				20	140	.1	
		ES	16 51 22.5						.2	
23	ASC	EPG	16 51 19.5				28	130	-.1	
23	ACD	EP	16 51 19.9				29	138	.1	
23	ACE	EP	16 51 20.2				33	139	-.1	
23	ASB	EPG	16 51 21.1	1.3	.1	1.86	40	137	-.1	
		ES	16 51 26.4						-.3	
23	RAT	E(P)	16 51 21.4	3.3	.1	2.28	41	298	-.1	
23	ASD	EPG	16 51 21.7	1.5	.1	1.95	42	127	.1	
		ES	16 51 27.3						-.0	
23	17 38 52.96	52.58 N 179.07 E DEPTH = 100.0 KM RAT ISLANDS, ALEUTIAN ISLANDS							FIXED DEPTH SOLUTION	
23	RAT	EP	17 39 12.3	4.6	.1	2.86	100	211	-.2	
23	ANA	EP	17 39 13.6				110	195	.2	
23	AND	EP	17 39 13.8				113	184	.1	
23	ASC	EP	17 39 14.9				124	177	.1	
23	ASB	EP	17 39 15.7	1.0	.1	2.27	136	175	-.4	
		ES	17 39 32.9						-.0	

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
23	19 15	3.64	51.57 N 178.79 E	DEPTH = 20.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	AND	IPGD	19 15 7.4				11	96	-2	VERY LOCAL
		ES	19 15 10.2						-3	
23	ANA	IPGD	19 15 7.6				11	304	.0	
23	ACF	EPG	19 15 7.9				15	110	-1	
23	ASC	EPG	19 15 9.5				29	115	-1	
23	ACD	EPG	19 15 9.5				29	124	-1	
23	ACB	IPG	19 15 9.9				24	120	.9	
23	ACE	IPG	19 15 9.9				33	126	-2	
23	ACA	IPG	19 15 10.0				25	114	.9	
23	ASB	IPGD	19 15 10.7	5.4	.1	2.47	40	127	-4	
		ES	19 15 16.3						-2	
23	RAT	IPG	19 15 11.1	5.5	.1	2.49	41	308	-1	
		IS	19 15 16.8						.0	
23	ASD	EPG	19 15 11.3	5.2	.1	2.48	43	118	-3	
		ES	19 15 17.3						-1	
23	SSI	EPG	19 15 14.9	2.6	.1	2.33	65	57	.0	
		IS	19 15 23.1						.0	
23	19 42	25.24	51.91 N 179.15 E	DEPTH = 189.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	AND	EP	19 42 50.7				41	200	.1	
23	ANA	IP	19 42 50.8				46	228	.0	
23	ASC	EP	19 42 50.9				49	179	.0	
23	ASD	EP	19 42 51.1	9.7	.1	3.31	59	167	-1	
23	RAT	IP C	19 42 51.1	25.8	.1	3.74	58	259	-1	
23	ASB	IP	19 42 51.3	6.7	.1	3.16	61	174	.0	
		E(S)	19 43 10.3						-0	
23	ASD	EP	20 44 11.7	5.0	.1	2.86				
23	ASB	EP	20 44 12.6	3.5	.1	2.72				OS
		E(S)	20 44 27.5							
23	ASC	EP	20 44 14.1							OP
23	SSI	EP	20 44 15.2	23.4	.1	3.52				
		E(S)	20 44 29.1							
23	AND	EP	20 44 17.1							
23	RAT	EP	20 44 23.4	8.0	.1					
		E(S)	20 44 45.5							
23	22 21	20.02	51.56 N 178.80 E	DEPTH = 21.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	AND	IPGD	22 21 23.9				11	91	-1	VERY LOCAL
23	ANA	EPG	22 21 24.1				12	307	.0	
23	ACF	EPG	22 21 24.4				14	107	.1	
23	ACD	EPG	22 21 26.1				28	122	.2	
23	ACE	EPG	22 21 26.4				32	125	-0	
23	ASB	EPG	22 21 27.3	2.2	.1	2.08	39	126	-0	
		ES	22 21 32.5						-2	
23	RAT	I(P)	22 21 27.6	5.8	.1	2.52	41			

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
23	22 44 35.39	51.58 N 178.87 E DEPTH = 74.3 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	AND	IPG	22 44 46.0				6	104	-.1	
23	ACF	EPG	22 44 46.2				10	123	.0	
23	ACA	EPG	22 44 46.5				20	121	.0	
23	ACR	EPG	22 44 46.5				20	129	.0	QP
23	ANA	EPG	22 44 46.6				16	291	.3	QP
23	ACD	IPG	22 44 46.6				25	132	-.1	
23	ASC	IPG	22 44 46.7				24	122	.1	
23	ACE	IPG	22 44 46.7				28	133	-.1	
23	ASB	EPG	22 44 47.2	3.4	.1	2.51	35	132	-.0	
		IS	22 44 55.9						.1	
23	ASD	IPG	22 44 47.4	4.1	.1	2.60	38	122	-.0	
		ES	22 44 56.1						-.1	
23	RAT	EPG	22 44 47.7	14.9	.1	3.18	45	304	-.2	
23	SSI	IPG	22 44 49.2	8.1	.1	2.95	61	54	.1	
		ES	22 44 59.1						-.1	
.....										
23	23 0 59.60	50.44 N 179.32 E DEPTH = 25.0 KM					FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
23	ASR	IP	23 01 16.5	12.1	.1	3.16	103	357	-.0	
		I	23 01 22.2							
23	ASD	IP	23 01 16.9	6.7	.1	2.92	106	1	-.1	
23	AGE	IPG	23 01 17.2				108	355	-.0	
23	ACD	EPG	23 01 17.9				111	353	.2	
23	ASC	EP	23 01 18.5				114	355	.2	
23	ACR	EPG	23 01 18.5				115	352	.1	
23	ACA	EPG	23 01 18.6				117	353	-.0	
23	ACC	EPG	23 01 18.9				118	351	.1	QP
23	ACF	EPG	23 01 19.5				123	349	-.1	
23	AND	EP	23 01 20.1				128	349	-.2	
23	ANA	EP	23 01 22.0				140	341	-.1	
23	SSI	EPG	23 01 25.6	14.6	.1	3.42	163	7	.2	
23	RAT	EPG	23 01 26.2				166	336	.3	QP
.....										
23	23 35 13.58	51.49 N 178.13 W DEPTH = 0.0 KM					FIXED DEPTH SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
23	ADK	EP	23 35 33.5				109	66	1.0	
		ES	23 35 47.6						1.3	
23	SSI	IP D	23 35 41.5	19.1	.2	3.23	163	287	.8	
		ES	23 36 .1						-.4	
23	ASD	EP	23 35 42.9	4.6	.2	2.65	175	267	.3	
23	ASB	EP	23 35 43.7	6.1	.2	2.78	182	266	.1	
		E(S)	23 36 4.2						-1.3	
.....										
24	0 41 33.52	51.75 N 179.24 E DEPTH = 184.3 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	ASD	EP	00 41 58.3	3.1	.1	2.80	41	170	-.1	
24	ASC	EP	00 41 58.3				33	189	.1	
24	ANA	IP	00 41 58.4				42	251	-.0	
24	ASB	IP	00 41 58.5	4.7	.1	2.98	44	179	.0	
		ES	00 42 16.7						-.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
24	2	3	24.26	51.55 N	179.15 E	DEPTH = 75.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	ACA	EP	02 03 35.1				8	197	-.0	
		IS	02 03 43.2						.2	
24	ACB	EP	02 03 35.1				11	204	-.1	
24	AND	EP	02 03 35.2				14	276	-.0	
24	ACD	EP	02 03 35.3				14	185	.1	
24	ACF	EP	02 03 35.3				11	256	.1	
24	ACE	EP	02 03 35.4				17	176	.1	
24	ASD	IP C	02 03 35.5	3.9	.1	2.54	22	143	-.0	
24	ASB	EP	02 03 35.5				22	163	-.0	
		ES	02 03 43.3						-.4	
24	ANA	IP	02 03 36.3				35	284	.1	
24	SSI	EP	02 03 37.2				48	38	.1	
		IS	02 03 46.2						-.2	
24	RAT	IP C	02 03 38.1	27.9	.1	3.50	63	296	-.2	
.....										
24	2	31	24.18	50.99 N	179.23 E	DEPTH = 23.9 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	ASB	EP	02 31 36.1	1.6	.1	1.97	42	1	.0	
		ES	02 31 41.9						.1	
24	ASD	EP	02 31 36.6	1.0	.1	1.79	46	10	-.0	
24	ASC	EP	02 31 37.7				53	355	-.0	
24	SSI	EP	02 31 45.3	2.9	.1	2.55	104	14	.1	
		ES	02 31 57.6						-.1	
.....										
24	ADK	IP D	03 53 8.2							
		IS	03 33 36.0							
.....										
24	4	19	56.10	63.17 N	149.99 W	DEPTH = 33.0 KM	TELESEISMIC SOLUTION			
CENTRAL ALASKA										
.....										
24	ASB	EP	04 28 35.0	2.3	.1	2.19				
		IS	04 28 41.1							
24	ASD	EP	04 28 35.3	1.5	.1	2.03				
24	SSI	EP	04 28 44.1	3.2	.1					
		IS	04 29 56.4							
.....										
24	5	47	39.43	51.28 N	179.25 W	DEPTH = 50.0 KM	FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
24	ASD	IP	05 47 55.6	6.2	.1	2.89	99	278	-.3	
24	SSI	IP D	05 47 56.6	22.0	.1	3.46	105	311	-.1	
		IS	05 48 9.4						.0	
24	ASB	IP	05 47 56.7	12.8	.1	3.23	105	275	.0	
		ES	05 48 9.2						-.1	
24	ASC	IP	05 47 57.9				112	281	.3	
24	AND	EP	05 47 59.4				129	285	-.2	
24	RAT	IP	05 48 5.9	4.4	.1	2.94	177	290	.3	
.....										
24	ADK	IP	08 05 8.7							
		IS	08 05 28.8							
24	ADK	IP	08 11 57.4							
		IS	08 12 7.5							
24	RAT	EP	08 34 50.6							
24	ANA	EP	08 34 52.9							
24	AND	EP	08 34 55.2							
24	ASB	EP	08 34 56.9							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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24	ASC	EP	08 34 59.2							
24	ASD	EP	08 34 59.9							
24	SSI	IP	08 35 2.4							

REGIONAL

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24	10 38	4.55	51.57 N	178.79 E	DEPTH = 20.8 KM	FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS						

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24	AND	IP D	10 38 8.4				11	92	-.1
24	ACF	IP	10 38 8.5				14	108	-.3
24	ANA	IP	10 38 8.7				11	306	.1
24	ACC	IP	10 38 9.4				19	118	.1
24	ACA	IP	10 38 10.0				24	113	.1
24	ACB	IP	10 38 10.0				24	119	.2
24	ASC	IP D	10 38 10.5				28	114	.1
24	ACD	IP	10 38 10.6				28	123	.2
24	ACE	IP	10 38 11.0				32	125	.1
24	ASB	IP C	10 38 11.7	1.6	.1	1.94	39	126	-.2
	ES		10 38 17.0						-.2
24	RAT	IP C	10 38 12.1	29.8	.1	3.23	41	309	-.1
24	ASD	IP C	10 38 12.3	3.1	.1	2.25	43	117	-.1
24	SSI	IP	10 38 15.9	9.8	.1	2.90	66	56	.1
	IS		10 38 24.0						-.0

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24	ASB	IP	11 04 24.9	1.9	.1	2.09			
	ES		11 04 30.8						
24	RAT	EP	11 04 24.9						
	ES		11 04 40.0						
24	ASD	EP	11 04 25.4	1.7	.1	2.06			
24	ANA	EP	11 04 26.6						
24	ASC	EP	11 04 26.7						
24	AND	EP	11 04 27.7						
24	SSI	EP	11 04 34.7						

24	ASD	IP	13 09 42.5	2.1	.1	2.56			
24	ASB	EP	13 09 43.4	1.4	.1	2.40			
24	ASC	EP	13 09 44.7						
	ES		13 10 3.7						
24	SSI	EP	13 09 44.7	5.9	.1	2.97			
	ES		13 10 .3						
24	RAT	EP	13 09 53.6						

24	ADK	IP	13 53 56.0						
	IS		13 54 16.5						
24	SSI	IP C	13 53 55.4	365.1	.3				
24	ASD	IP D	13 53 58.5	79.4	.1				
24	ASB	EP	13 53 59.1						
	ES		13 54 21.7						
24	ASC	IP C	13 53 59.4						
24	AND	IP D	13 53 59.9						
24	ANA	IP D	13 54 1.7						
24	RAT	IP C	13 54 3.2	90.9	.2				
	ES		13 54 32.4						

24	RAT	EP	14 01 13.1	351.6	.5				
24	ANA	EP	14 01 14.7						
24	AND	EP	14 01 15.9						
24	ASB	EP	14 01 16.7						
24	ASC	EP	14 01 16.8						
24	ASD	EP	14 01 17.2	58.7	.4				
24	SSI	EP	14 01 19.1						
24	ADK	EP	14 01 38.0						

TELESEISMIC

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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24	15 47	52.97	51.47 N 178.96 E	DEPTH = 66.4 KM			FREE DEPTH SOLUTION			
PAT ISLANDS, ALEUTIAN ISLANDS										
24	AND	IP	15 48 2.7				10	357	-.1	
24	ACA	IP	15 48 2.8				11	83	-.0	
24	ACC	IP	15 48 2.8				6	73	.0	
24	ACF	IP	15 48 2.8				7	20	.0	
24	ACB	IP	15 48 2.9				9	94	.1	
24	ACE	IP	15 48 2.9				17	117	-.1	
24	ASC	IP	15 48 3.0				14	93	.1	
24	ACD	IP	15 48 3.0				13	110	.1	
24	ASB	IP	15 48 3.3	31.1	.1	3.41	23	121	.0	
		ES	15 48 10.7						-.1	
24	ASD	IP	15 48 3.4	19.2	.1	3.21	28	108	-.1	
24	ANA	IP	15 48 3.6				27	310	.1	
24	RAT	IP C	15 48 5.6	86.9	.1	3.94	57	310	-.1	
		ES	15 49 4.7						49.7	
24	SSI	IP C	15 48 6.4	39.9	.1	3.63	64	42	.0	

24	16 42	11.21	51.05 N 176.43 E	DEPTH = 1.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	RAT	IP	16 42 37.0	44.7	.1	3.89	156	57	-.1	
		IS	16 42 56.0						-.0	
24	ANA	EP	16 42 39.2				168	67	.3	
24	AND	EP	16 42 41.1				185	71	-.4	
24	ASR	EP	16 42 43.1				200	79	-.6	
24	ASC	EP	16 42 43.9				196	75	.7	
24	ASD	EP	16 42 44.9				207	78	.1	
24	SSI	IP C	16 42 48.9	42.1	.1		239	66	.0	

24	17 1	30.47	51.55 N 178.79 E	DEPTH = 21.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	AND	IP D	17 01 34.3				11	91	-.2	
24	ANA	IP C	17 01 34.6				11	308	.1	
24	ACC	IP	17 01 35.4				20	117	.1	
24	ACA	IP	17 01 35.9				25	112	.0	
24	ACB	IP	17 01 35.9				24	118	.1	
24	ASC	EP	17 01 36.4				28	113	.0	
24	ACD	EP	17 01 36.5				28	122	.1	
24	ACE	EP	17 01 36.9				32	124	.0	
24	ASB	EP	17 01 37.7	2.1	.1	2.06	39	125	-.1	
		ES	17 01 42.9						-.3	
24	RAT	IP C	17 01 38.0	8.5	.1	2.68	41	310	-.2	
		IS	17 01 43.8						.0	
24	ASD	IP C	17 01 38.4	3.8	.1	2.34	43	116	.0	
24	SSI	IP	17 01 41.9	2.2	.1	2.26	66	56	.1	
		IS	17 01 50.0						-.1	

24	18 23	23.43	51.65 N 178.89 E	DEPTH = 21.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
24	AND	IP D	18 23 27.6				11	156	.1	
24	ANA	EP	18 23 27.8				16	258	-.1	
24	ASC	EP	18 23 29.9				29	138	.5	
24	ASB	EP	18 23 31.0	1.4	.1	1.90	41	143	-.1	
		ES	18 23 36.2						-.6	
24	RAT	IP	18 23 31.2	4.6	.1	2.42	42	293	-.0	
24	ASD	IP C	18 23 31.6	2.2	.1	2.12	43	133	.2	
24	SSI	EP	18 23 33.0				55	61	-.1	
		IS	18 23 43.2						3.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
24	SSI	IP D	19 54 28.0							LOCAL
24	ASD	EP	19 54 37.8							
24	ACA	IP	19 54 37.8							
24	AND	EP	19 54 38.0							
24	ASD	IP C	19 54 38.1	13.0	.2	2.78				
24	ACB	IP C	19 54 38.2							
24	ASB	EP	19 54 38.9	3.0	.1	2.47				
		ES	19 54 48.2							
24	ANA	IP	19 54 39.8							
24	RAT	IP	19 54 42.2							
		E(S)	19 54 55.9							
24	ADK	EP	20 59 58.3							
		ES	21 00 7.0							

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24 21 53 17.87 51.58 N 177.79 E DEPTH = 54.3 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

24	RAT	IP D	21 53 28.3	6.0	.1	2.70	44	57	-.1
24	ANA	IP	21 53 30.3				60	85	.3
24	AND	IP	21 53 32.2				80	91	-.1
24	ASC	IP	21 53 34.3				96	98	.2
24	ASB	IP	21 53 35.0	12.1	.1	3.20	104	103	-.1
		ES	21 53 47.5						-.2
24	ASD	IP D	21 53 35.8	11.8	.1	3.21	109	101	.0
24	SSI	IP	21 53 38.0	4.9	.1	2.88	128	74	-.1
		IS	21 53 52.9						.1

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24 22 41 40.22 51.37 N 178.30 E DEPTH = 40.3 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

24	ANA	IP	22 41 49.5				38	41	.4
24	RAT	IP C	22 41 49.9	7.7	.1	2.76	48	2	-.3
		IS	22 41 57.3						-.2
24	AND	IP	22 41 50.5				50	64	.0
24	ACC	IP	22 41 50.8				53	76	-.0
24	ACB	IP	22 41 51.4				56	79	.2
24	ACA	IP	22 41 51.6				58	78	.1
24	ACD	EP	22 41 51.6				58	83	.1
24	ACE	EP	22 41 51.7				60	87	-.1
24	ASC	IP	22 41 52.0				61	80	.2
24	ASB	EP	22 41 52.2	2.6	.1	2.37	66	91	-.3
		ES	22 42 1.1						-.3
24	ASD	EP	22 41 53.1	3.1	.1	2.47	72	88	-.3
24	SSI	IP C	22 41 57.7				106	56	.0

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24 23 22 51.23 51.06 N 179.98 W DEPTH = 50.0 KM FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

24	ASD	IP	23 23 2.8	4.8	.1	2.64	60	308	-.3
24	ASB	EP	23 23 3.4	2.6	.1	2.39	63	302	-.1
24	ACC	EP	23 23 4.1				83	305	-1.7
24	ACE	IP	23 23 4.3				70	303	-.0
24	ACD	EP	23 23 4.9				74	304	.1
24	ASC	IP D	23 23 5.1				74	307	.3
		ES	23 23 14.9						.2
24	ACA	EP	23 23 5.4				78	307	.1
24	ACB	IP	23 23 5.6				79	305	.3
24	SSI	IP D	23 23 7.8	25.4	.1	3.50	97	342	.2
		IS	23 23 19.2						-.3
24	RAT	EP	23 23 14.1	5.5	.1	2.97	143	306	.9

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
25	2 13	17.13	52.19 N 178.54 W	DEPTH = 179.4 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
25	SSI	IP	02 13 46.5	34.3	.2	3.61	133	256	.0	
25	ASD	EP	02 13 49.5	5.5	.1	3.16	171	240	-.2	
25	ASB	EP	02 13 50.4	5.3	.1	3.15	178	240	.0	
		IS	02 14 14.5						-.1	
25	ASC	EP	02 13 50.5				178	244	.2	
		ES	02 14 14.6						.1	
25	AND	EP	02 13 50.9				186	249	-.2	
25	ANA	EP	02 13 52.8				202	253	.2	
25	RAT	IPN	02 13 54.1				219	260	-.1	
		IP	02 13 55.9	16.6	.1					
25	2 16	6.04	52.05 N 179.74 E	DEPTH = 173.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	SSI	EP	02 16 29.1	3.7	.1	2.85	20	211	.0	
25	ASD	EP	02 16 31.0	6.2	.1	3.10	78	201	-.1	
25	AND	EP	02 16 31.0				77	225	-.1	
25	ASC	EP	02 16 31.3				76	212	.3	
25	ASB	EP	02 16 31.4	7.4	.1	3.19	84	204	-.1	
		ES	02 16 50.0						-.0	
25	ANA	EP	02 16 31.8				88	238	.1	
25	RAT	IP	02 16 32.4	14.6	.1	3.50	101	255	-.1	
25	ADK	EP	03 43 13.0							
		ES	03 43 28.5							
25	4 7	24.19	51.09 N 179.65 E	DEPTH = 35.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	ASD	IPGC	04 07 36.6				40	328	-.3	WHITE OUT
25	ASP	IPGC	04 07 37.0	327.2	.2	4.03	42	318	-.0	
		ES	04 07 43.2						-.3	
25	ACE	IPG	04 07 37.9				48	317	.0	
25	ASC	IPGD	04 07 38.6				54	321	.0	
25	ACD	IPG	04 07 38.6				52	317	.2	
25	ACB	IPG	04 07 39.1				57	317	.1	
25	ACA	IPG	04 07 39.2				58	320	.1	
25	ACC	EPG	04 07 39.7				61	317	.1	
25	ACF	EPG	04 07 40.6				67	317	.2	
25	AND	IPGC	04 07 41.1				72	318	.1	
25	SSI	IPGC	04 07 43.5	85.1	.1	3.98	90	357	-.1	
		ES	04 07 55.0						.2	
25	ANA	FPG	04 07 43.7				91	312	-.1	
25	RAT	IP D	04 07 47.9	409.0	.3	4.29	121	311	-.0	
		I(S)	04 08 2.3						-.1	
25	5 55	32.10	61.49 N 149.97 W	DEPTH = 48.0 KM			TELESEISMIC SOLUTION			
			SOUTHERN ALASKA							
25	6 22	58.47	50.58 N 177.29 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	RAT	EP	06 23 24.2	8.7	.1	3.17	154	28	.0	
25	AND	EP	06 23 24.9				159	46	-.1	QP
25	ASC	EP	06 23 25.8				164	52	.1	QP
25	ASD	EP	06 23 26.0	.7	.1	2.11	170	57	-.6	QP

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	ASB	EP	06 23 26.0	.7	.1	2.10	162	57	.5	QP
		E(S)	06 23 45.1						-.0	
25	ADK	IP C	08 15 3.8							
		IS	08 15 30.1							
25	SSI	EP	08 15 27.7	48.8	.1					
		E(S)	08 16 10.1							
25	ASD	EP	08 15 30.8	111.2	.2					
25	ASB	EP	08 15 31.6	94.0	.2					
		I(S)	08 16 16.3							
25	ASC	EP	08 15 32.3							QP
25	AND	EP	08 15 32.9							
25	ANA	EPN	08 15 35.1							
		IP	08 15 37.1							
25	RAT	EP	08 15 36.9	40.7	.1					
25	9 37 30.48		50.97 N 179.44 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	ASD	IPG	09 37 41.0	4.3	.2	2.26	47	351	-.2	
		ES	09 37 48.9						-.0	
25	ASB	EPG	09 37 41.0	2.7	.2	2.04	45	342	.0	
25	ASC	EPG	09 37 42.5				58	340	.2	
25	ANA	E(P)	09 37 46.0				91	323	-.1	
25	ASD	EP	10 13 .1	1.3	.1	2.26				
25	ASB	EP	10 13 1.2	.7	.1	2.03				
		ES	10 13 16.1							
25	SSI	IP	10 13 1.6	12.0	.1	3.26				
		IS	10 13 16.7							
25	ASC	EP	10 13 2.5							
25	AND	IPGD	10 13 5.2							VERY LOCAL
		ES	10 13 8.1							
25	ANA	EPG	10 13 5.5							
25	10 13 .96		51.53 N 178.75 E							FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	ANA	EP	10 13 5.5				12	328	-.1	
25	ACF	E(P)	10 13 5.7				17	93	-.2	
		ES	10 13 9.6						.0	
25	ACC	E(P)	10 13 6.3				21	105	-.0	
25	ACB	E(P)	10 13 6.8				25	109	.0	
25	ASC	EPG	10 13 7.4				30	105	.0	QP
25	ACD	E(P)	10 13 7.5				29	114	.2	
25	ACE	E(P)	10 13 7.8				33	117	.1	
25	ASB	EPG	10 13 8.6	1.2	.1	1.84	39	119	-.0	
		ES	10 13 13.8						-.4	
25	ASD	EPG	10 13 9.2	2.1	.1	2.11	44	111	-.0	
25	10 41 23.27		51.78 N 179.95 W							FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
25	SSI	IP	10 41 37.7	8.3	.1	2.99	34	291	.0	
25	ASD	IP	10 41 39.5	2.4	.1	2.50	66	229	-.1	
25	ASC	IP	10 41 40.1				71	240	.1	
25	ASB	IP	10 41 40.2	2.1	.1	2.46	73	230	.0	
		ES	10 41 52.5						-.0	
25	AND	IP	10 41 40.8				80	253	.0	
25	ANA	EP	10 41 42.5				98	260	.1	
25	RAT	EP	10 41 44.3				119	272	-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
25	10 53	27.51	51.56 N 178.25 W	DEPTH = 24.1 KM						FREE DEPTH SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
25	AOK	IP	10 53 46.0				114	71	-.1	
		IS	10 54 .2						.6	
25	SSI	IP D	10 53 51.9	22.2	.1	3.58	154	285	-.2	
		ES	10 54 10.2						.2	
25	ASD	IP	10 53 53.9	6.3	.1	3.07	168	265	-.2	
25	ASB	IP	10 53 54.9	10.9	.1	3.32	175	264	-.0	
		ES	10 54 14.7						-.2	
25	ASC	IP	10 53 55.6				179	268	.1	
25	AND	EP	10 53 57.9				194	271	.7	
25	ANA	EP	10 53 59.7				214	273	-.0	
25	RAT	IP	10 54 2.3	6.5	.1		238	278	-.4	
25	13 6	40.99	51.56 N 178.79 E	DEPTH = 19.7 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	AND	IPGD	13 06 44.7				11	87	-.1	VERY LOCAL
		ES	13 06 47.5						-.1	
25	ANA	IPG	13 06 45.0				12	310	.1	
25	ACF	EP	13 06 45.2				14	104	.1	
25	ACB	IP	13 06 46.2				23	117	.1	
25	ACA	IP D	13 06 46.3				24	111	.0	
25	ACD	EP	13 06 46.9				28	121	.2	
25	ASC	IPG	13 06 47.0				28	112	.3	
25	ACE	EP	13 06 47.2				32	123	-.1	
25	ASB	IPG	13 06 48.0	1.7	.1	1.96	38	125	-.2	
		ES	13 06 53.2						-.3	
25	RAT	IP	13 06 48.4	6.7	.1	2.58	42	310	-.3	
25	ASD	IPG	13 06 48.7	2.8	.1	2.20	42	116	-.1	
		ES	13 06 54.2						-.3	
25	SSI	E(P)	13 06 52.7				66	56	.4	
		E(S)	13 07 .2						-.4	
25	SSI	E(P)	13 07 38.4	11.3	.3					QP
25	ASD	EP	13 07 40.6	3.4	.2					POSS REGIONAL
25	ASB	EP	13 07 41.4	10.6	.3					NO S VISIBLE
25	ASC	EP	13 07 42.3							
25	AND	EP	13 07 44.0							
25	ANA	EP	13 07 46.5							
25	RAT	E(P)	13 07 49.4	23.9	.3					QP
25	13 11	16.79	51.45 N 179.74 W	DEPTH = 48.8 KM						FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
25	ASD	EP	13 11 29.2	.7	.1	1.82	64	264	.1	QP
25	SSI	EP	13 11 29.5	6.1	.1	2.77	68	317	-.0	
25	ASB	EP	13 11 29.8	.6	.1	1.78	71	262	-.1	QP
		ES	13 11 39.5						-.0	
25	ASC	EP	13 11 30.6				76	271	.1	QP
25	13 31	33.94	50.65 N 177.17 E	DEPTH = 3.9 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
25	RAT	IP D	13 31 58.7	12.5	.1	3.32	152	32	-.3	
		ES	13 32 16.7						-.5	
25	ANA	EP	13 31 59.2				151	43	.4	
		E(S)	13 32 17.6						.7	
25	AND	EP	13 32 .4				161	50	.0	
25	ASB	EP	13 32 1.1	24.9	.2	3.36	166	61	.0	
		E(S)	13 32 20.6						-.3	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	ASC	EP	13 32 1.3				167	56	.1	
25	ASD	EP	13 32 1.9	9.9	.2	2.97	173	61	-.3	
25	SSI	IP D	13 32 8.9	11.1	.1		218	50	.1	
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25	19 26 18.22	51.57 N 178.80 E DEPTH = 22.6 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
25	AND	IPGD	19 26 22.2				11	92	-.2	VERY LOCAL
25	ANA	IPG	19 26 22.5				12	305	.0	
25	ACF	IPGC	19 26 22.7				14	108	.0	
25	ACC	EPG	19 26 23.2				19	118	.0	
25	ACA	IPG	19 26 23.8				24	113	.1	
25	ACB	IPGD	19 26 23.8				23	119	.2	
25	ASC	IPG	19 26 24.3				28	114	.1	
25	ACD	EPG	19 26 24.4				28	123	.2	
25	ACE	IPGD	19 26 24.7				32	125	.0	
25	ASB	IPG	19 26 25.4	7.6	.1	2.62	38	126	-.2	
		IS	19 26 30.7						-.3	
25	PAT	IPGC	19 26 25.9	23.8	.1	3.14	42	309	-.2	
25	ASD	IPG	19 26 26.1	12.5	.1	2.86	42	117	-.0	
		IS	19 26 31.6						-.3	
25	SSI	IPG	19 26 29.6	8.0	.1	2.82	65	56	.1	
		IS	19 26 37.7						-.0	
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25	19 33 27.94	52.22 N 179.86 W DEPTH = 195.4 KM						FREE DEPTH SOLUTION		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
25	SSI	EP	19 33 54.5	5.6	.1	3.09	52	226	-.0	
25	ASD	EP	19 33 57.0	5.9	.1	3.15	107	211	-.2	
25	AND	EP	19 33 57.3				109	229	-.0	
25	ASB	IP	19 33 57.5	15.0	.1	3.56	114	213	-.1	
		E(S)	19 34 19.2						-.0	
25	ASC	EP	19 33 57.5				108	219	.3	
25	ANA	IP	19 33 58.1				121	238	.0	
25	RAT	EP	19 33 58.8	14.8	.1	3.57	132	250	-.1	
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25	ASD	EP	19 49 39.7	3.1	.1	2.57				
		ES	19 49 51.4							
25	ASB	EP	19 49 40.5	1.7	.1	2.33				OP
		ES	19 49 52.5							
25	ASC	EP	19 49 42.0							
25	SSI	EP	19 49 43.5	25.4	.1					
25	AND	EP	19 49 44.2							
25	RAT	EP	19 49 52.1	6.2	.1					
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25	20 26 47.86	50.69 N 177.48 E DEPTH = 0.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
25	ANA	EPN	20 27 10.8				133	38	.4	
		EP	20 27 11.6							
25	RAT	IP	20 27 10.9	17.9	.1	3.44	137	25	-.2	
25	AND	EP	20 27 11.6				142	46	-.1	
25	ASB	IP	20 27 12.2	15.0	.1	3.38	145	58	.0	
		ES	20 27 29.9						-.0	
25	ASC	EP	20 27 12.6				146	53	.2	
25	ASD	EP	20 27 13.2	10.5	.1	3.25	152	58	-.1	POSS T WAVE
25	SSI	IP	20 27 20.3	37.7	.1	3.91	199	47	-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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25	22 36	30.02	51.89 N 178.69 E	DEPTH = 106.1 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
25	RAT	EP	22 36 45.0	3.2	.1	2.60	27	248	-.1	
		IS	22 36 56.2						.1	
25	ANA	EP	22 36 45.3				29	184	.1	
25	AND	IP	22 36 45.7				41	153	.0	
25	ASC	EP	22 36 46.7				58	145	.1	
25	SSI	IP	22 36 46.9	8.3	.1	3.06	62	89	-.0	
25	ASB	EP	22 36 47.5	3.5	.1	2.70	70	147	-.0	
		ES	22 37 .2						-.1	
25	ASD	EP	22 36 47.6	2.8	.1	2.60	71	141	.0	

25	23 34	54.39	51.57 N 178.81 E	DEPTH = 20.4 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
25	AND	IPGD	23 34 58.1				10	92	-.1	
		IS	23 35 1.0						-.0	
25	ANA	EPG	23 34 58.4				12	303	-.0	
25	ACF	EPG	23 34 58.6				13	109	.1	
25	ACA	IPGD	23 34 59.7				23	113	.1	
25	ACD	EPG	23 35 .3				27	124	.2	
25	ASB	EPG	23 35 1.4	.7	.1	1.57	38	127	-.2	
		ES	23 35 6.7						-.1	
25	ASD	EPG	23 35 2.1	1.4	.1	1.90	42	118	-.0	

26	1 40	20.39	49.96 N 178.99 W	DEPTH = 25.0 KM		FIXED DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
26	ASD	IP	01 40 50.3	67.9	.2	3.86	198	324	-.3	
		ES	01 41 11.2						-.0	
		F(T)	01 42 29.5							
26	ASB	EP	01 40 50.6				200	322	-.2	
26	ASC	EP	01 40 52.2				212	323	-.1	
26	AND	EP	01 40 54.4				230	322	-.1	
26	SSI	EP	01 40 56.2				238	336	.8	
		ES	01 41 22.2						1.2	
26	ANA	EP	01 40 56.4				249	319	-.4	
26	RAT	EP	01 41 1.1				278	318	.6	
		ES	01 41 28.7						-1.1	
26	ADK	EP	01 41 .2				269	36	.9	
		ES	01 41 27.7						.0	

26	3 20	16.39	50.92 N 179.96 W	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
26	ASD	EP	03 20 28.9	5.2	.1	2.72	72	318	-.8	
26	ASB	EP	03 20 29.5	4.7	.1	2.69	74	312	-.5	
		ES	03 20 37.7						-2.1	
26	ACF	IP	03 20 30.4				81	312	-.4	
26	ACD	EP	03 20 31.0				85	312	-.2	
26	ASC	EP	03 20 31.2				86	315	-.2	
26	ACA	EP	03 20 31.7				90	315	-.1	
26	ACB	IP	03 20 31.7				90	313	-.1	
26	ACC	EP	03 20 32.4				94	313	.1	
26	AND	EP	03 20 33.7				104	314	.1	
26	SSI	IP	03 20 35.0	26.6	.1	3.57	113	344	.3	
		ES	03 20 47.9						-.1	
26	ANA	EP	03 20 37.7				124	310	1.7	
26	RAT	EP	03 20 40.3				154	310	.6	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
26	3 34	59.66	51.19 N 178.34 E	DEPTH = 20.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ANA	EP	03 35 9.5				53	25	.4	
26	AND	EP	03 35 10.1				60	46	.1	
26	RAT	IP	03 35 10.7				68	360	-.5	
26	ASB	EP	03 35 11.0	2.3	.1	2.28	66	73	.0	
26	ASC	EP	03 35 11.0				65	62	.2	
26	ASD	EP	03 35 11.8				73	72	-.3	
		ES	03 35 20.7						-.4	
26	SSI	IP	03 35 18.7	5.1	.1	2.83	117	48	.1	
		IS	03 35 32.3						-.1	
.....										
26	5 20	54.75	51.49 N 179.40 E	DEPTH = 65.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASD	IP	05 21 4.4	29.5	.1	3.37	12	198	-.1	
26	ASB	IP	05 21 4.7				18	215	-.0	
		IS	05 21 12.0						.0	
26	ASC	IP	05 21 4.7				16	258	.1	
26	ACA	IP D	05 21 4.7				19	266	-.0	
26	ACE	IP D	05 21 4.7				19	236	-.0	
26	ACD	IP D	05 21 4.8				19	248	.0	
26	ACB	IP D	05 21 4.9				21	261	.1	
26	ACC	IP	05 21 5.1				24	268	.1	
26	AND	IP	05 21 5.2				32	284	-.2	
26	ACF	IP	05 21 5.2				28	277	.0	
26	SSI	IP C	05 21 6.5				46	17	.0	
26	ANA	IP	05 21 7.2				53	286	.2	
26	RAT	IP D	05 21 9.8				81	295	-.0	
		ES	05 21 20.8						-.0	
.....										
26	11 28	34.39	52.14 N 179.66 E	DEPTH = 175.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	AND	EP	11 28 59.8				81	217	-.1	
26	ASD	EP	11 29 0.0				87	195	-.2	SMALL
26	ASC	EP	11 29 .2				83	205	.2	
26	ANA	EP	11 29 .4				90	231	.0	
26	ASB	EP	11 29 .5				92	198	.0	
		ES	11 29 19.5						-.0	
26	RAT	IP	11 29 .9	16.1	.1	3.54	99	248	-.0	
.....										
26	11 30	9.35	50.19 N 177.49 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ANA	EP	11 30 37.6				180	27	.3	
26	ASC	EP	11 30 37.7				184	39	-.1	
26	ASD	EP	11 30 37.8	1.0	.1	2.30	187	44	-.3	
26	RAT	IP	11 30 37.9	15.3	.1	3.50	189	18	-.5	
		ES	11 30 59.9						.3	
26	ASB	EP	11 30 38.0				180	43	.7	
		ES	11 30 57.3						-.3	
.....										
26	ADK	EP	12 19 9.5							
26	SSI	EP	12 19 42.5	10.7	.1					
26	ASD	EP	12 19 44.5	4.9	.1					
26	ASB	EP	12 19 45.4	4.2	.1					
26	ASC	EP	12 19 46.4							
26	AND	EP	12 19 48.0							
26	ANA	EP	12 19 50.4							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	RAT	EP	12 19 52.8	21.8	.2					
26	ADK	EP	12 29 47.8							
26	SSI	EP	12 30 21.1	14.1	.1					
26	RAT	EP	12 30 31.7	15.8	.1					

.....										
26	13 24 26.69	51.57 N 178.79 E	DEPTH = 21.0 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
26	AND	IP D	13 24 30.5				11	93	-.2	
26	ANA	IP C	13 24 30.8				11	306	.1	
26	ACC	IP	13 24 31.6				20	118	.1	
26	ACB	IP	13 24 32.1				24	119	.1	
26	ACA	EP	13 24 32.2				25	113	.1	
26	ASC	EP	13 24 32.7				28	114	.1	
26	ACD	EP	13 24 32.8				29	123	.2	
26	ACE	EP	13 24 33.1				32	125	-.0	
26	ASB	EP	13 24 33.9	2.1	.1	2.06	39	126	-.2	
		ES	13 24 39.2						-.3	
26	RAT	IP C	13 24 34.2	7.7	.1	2.64	41	309	-.1	
26	ASD	IP	13 24 34.6	3.4	.1	2.30	43	117	-.0	
26	SSI	EP	13 24 38.1	2.0	.1	2.21	66	56	.1	
		IS	13 24 46.1						-.1	

.....										
26	14 27 9.62	51.42 N 179.02 W	DEPTH = 25.2 KM	FREE DEPTH SOLUTION						
DELAROF ISLANDS, ALEUTIAN ISLANDS										
26	SSI	EP	14 27 27.6	10.5	.1	3.13	110	299	-.0	
		ES	14 27 40.8						.1	
26	ASD	EP	14 27 28.2	3.5	.1	2.67	114	269	-.0	
26	ASB	EP	14 27 29.3	5.1	.1	2.85	121	268	.0	
		ES	14 27 43.5						-.1	
26	ASC	EP	14 27 30.3				126	273	.2	
26	AND	EP	14 27 32.2				142	277	-.2	
26	ANA	EP	14 27 35.4				163	279	.0	

26	ADK	IP D	15 40 26.3							
		IS	15 40 33.7							
26	SSI	IP	15 40 53.2							
		ES	15 41 23.0							
26	ASD	EP	15 40 54.6	21.3	.2					
26	ASB	EP	15 40 55.2							
		ES	15 41 30.7							
26	ASC	EP	15 40 56.5							
26	AND	EP	15 40 58.2							
26	ANA	EP	15 41 1.0							
26	RAT	EP	15 41 3.6							

.....										
26	16 8 55.57	51.52 N 178.74 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
26	AND	IP D	16 08 59.6				15	71	-.8	
26	ANA	EP	16 08 59.8				13	335	-.5	
26	ACF	EP	16 09 0.0				17	87	-.6	
26	ACB	IP C	16 09 1.1				25	104	-.3	
		IS	16 09 4.2						-1.4	
26	ACD	IP	16 09 1.6				29	110	-.3	
26	ASC	EP	16 09 1.7				30	102	-.3	
26	ASB	IP	16 09 2.9				39	116	-.3	
		ES	16 09 8.2						-.5	
26	RAT	IP	16 09 3.3	4.6	.1	2.44	43	318	-.4	
26	ASD	EP	16 09 3.5				44	108	-.3	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	19 27	12.60	5.21 S	96.89 E	DEPTH =	15.0 KM	MB = 5.9	MS = 6.3	TELESEISMIC SOLUTION	
										SOUTHWEST OF SUMATRA
26	ADK	EP	19 40 18.0				10214	38		
26	20 4	29.00	60.30 N	152.48 W	DEPTH =	86.0 KM	MB = 4.2		TELESEISMIC SOLUTION	
										SOUTHERN ALASKA
26	SSI	IP	22 57 8.4	5.9	.1					
		E	22 57 50.9							
26	ASD	EP	22 57 30.4	2.8	.1	2.32				
26	ASB	EP	22 57 30.5	6.5	.1	2.69				
		ES	22 57 37.5							
26	ASC	EP	22 57 32.3							
26	AND	EP	22 57 34.4							
26	RAT	EP	22 57 41.7							
27	0 37	47.10	60.13 N	153.27 W	DEPTH =	101.0 KM	MB = 3.4		TELESEISMIC SOLUTION	
										SOUTHERN ALASKA
27	ADK	EP	00 49 50.7							
		ES	00 49 57.8							
27	3 43	20.05	52.43 N	178.05 W	DEPTH =	200.0 KM			FIXED DEPTH SOLUTION	
										ANDREANOF ISLANDS, ALEUTIANS ISLANDS
27	SSI	IP C	03 43 55.0	148.2	.3	4.14	172	251	.5	
27	ASD	IP	03 43 58.0	37.2	.1		213	238	-.2	
		E(S)	03 44 26.2						.2	
27	ASB	IP	03 43 58.8	42.4	.1		221	238	-.1	
		I	03 44 4.6							
		I(S)	03 44 27.2						-.0	
27	ASC	IP	03 43 58.8				219	242	.0	
27	AND	IP	03 43 59.3				227	246	-.2	
27	ANA	IPN	03 44 1.0				242	250	.0	
		IP	03 44 2.0							
27	RAT	EP	03 44 2.2	31.8	.1		257	256	-.3	
27	3 51	55.72	51.44 N	178.77 E	DEPTH =	44.9 KM			FREE DEPTH SOLUTION	
										RAT ISLANDS, ALEUTIAN ISLANDS
27	AND	IPGC	03 52 3.4				18	43	.0	
27	ACC	IPGD	03 52 3.6				19	76	.2	
27	ACF	IPG	03 52 3.6				18	59	.3	
27	ACB	IPGD	03 52 3.7				22	84	.1	
27	ANA	IPGC	03 52 3.8				22	339	.2	
27	ACA	IPGD	03 52 3.9				24	80	.1	
27	ACD	IPG	03 52 3.9				25	94	.1	
27	ACE	IPG	03 52 4.0				28	99	-.1	
27	ASC	IPGD	03 52 4.2				27	85	.2	
27	ASB	IPGC	03 52 4.4	10.3	.1	2.84	34	105	-.2	
		ES	03 52 10.4						-.7	
27	ASD	IPGC	03 52 5.1	22.4	.1	3.20	40	98	-.1	
		ES	03 52 11.6						-.4	
27	RAT	IP	03 52 6.0	35.3	.1	3.45	50	322	-.3	
		ES	03 52 13.4						-.5	
27	SSI	IP	03 52 9.4	24.4	.1	3.39	75	48	.1	
		IS	03 52 19.1						-.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
.....										
27	4 20	26.47	51.20 N 177.67 W	177.67			DEPTH = 25.0 KM			FIXED DEPTH SOLUTION
ANDREANOF ISLANDS, ALFUTIAN ISLANDS										
27	ADK	IP D	04 20 44.3				102	42	1.0	
		IS	04 20 56.4						.9	
27	ASD	EP	04 20 57.2	50.4	.3		209	277	-.8	
		E(S)	04 21 23.6						2.6	
27	SSI	IP	04 20 57.4	125.4	.4		205	293	-.1	POOR TAMP
27	ASB	EP	04 20 58.4	49.5	.3		215	276	-.4	
		E(S)	04 21 24.9						2.5	
27	ASC	EP	04 20 59.8				222	279	.2	
27	AND	EP	04 21 1.8				238	281	.2	
27	ANA	EP	04 21 4.6				259	282	.4	
27	RAT	EP	04 21 7.7	79.3	.4		285	285	.3	POOR TAMP
.....										
27	5 30	31.29	51.55 N 179.48 E	179.48			DEPTH = 20.5 KM			FREE DEPTH SOLUTION
PAT ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IPG	05 30 36.0	12.6	.1	2.66	20	210	-.1	
		IS	05 30 39.5						-.1	
27	ASC	IPG	05 30 36.6				24	247	-.0	
27	ACA	IPGD	05 30 36.9				26	254	.0	
27	ASB	IPG	05 30 37.0	11.6	.1	2.69	26	219	.1	
		IS	05 30 41.0						-.0	
27	ACE	IPGD	05 30 37.0				27	233	.0	
27	ACR	IPGD	05 30 37.2				29	251	-.0	
27	ACD	IPGD	05 30 37.2				27	241	.1	
		ES	05 30 41.5						.3	
27	ACF	EPG	05 30 37.9				34	266	-.0	
27	AND	EPG	05 30 38.3				37	273	-.0	
27	SSI	IPG	05 30 38.7	14.1	.1	2.88	39	11	-.0	
27	ANA	EPG	05 30 41.3				58	279	-.1	
.....										
27	SSI	EP	07 37 14.5	9.3	.1					
		E(S)	07 37 50.4							
27	ASD	EP	07 37 17.5	7.0	.1					
27	ASB	EP	07 37 18.2	6.5	.1					QS
		E(S)	07 37 55.9							
27	ASC	EP	07 37 18.8							
27	AND	EP	07 37 19.6							
27	ANA	EP	07 37 21.4							
27	RAT	E(P)	07 37 23.3	8.6	.1					POOR TAMP
.....										
27	7 49	59.59	51.53 N 179.22 W	179.22			DEPTH = 50.0 KM			FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	SSI	IP	07 50 15.2	4.0	.1	2.68	91	296	.0	
		ES	07 50 26.5						-.1	
27	ASD	EP	07 50 16.4	2.0	.1	2.40	101	261	.0	QS
		ES	07 50 28.7						.1	
27	ASB	EP	07 50 17.0	2.2	.1	2.47	108	260	-.2	QS
		ES	07 50 30.0						-.1	
27	ASC	E(P)	07 50 17.9				112	267	.2	QP
.....										
27	ASB	IP	08 07 27.6	6.9	.1	3.10				
		ES	08 07 45.8							
27	ASD	IP	08 07 27.9	4.1	.1	2.87				
27	SSI	EP	08 07 36.2	21.2	.1					

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	8 32	32.47	51.80 N 179.72 E	DEPTH = 114.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	SSI	IP	08 32 48.3	9.9	.1	3.11	14	319	-.0	
27	ASD	IP	08 32 49.7	10.9	.1	3.19	52	211	-.0	
27	ASB	IP	08 32 49.9	10.3	.1	3.17	59	215	-.2	
		IS	08 33 2.9						-.0	
27	ASC	IP	08 32 50.0				54	227	.2	
27	AND	IP C	08 32 50.1				59	244	-.0	
27	ANA	IP C	08 32 51.4				76	256	.2	
27	RAT	EP	08 32 52.7	33.8	.1	3.75	96	271	-.1	
27	9 2	12.10	51.85 N 177.08 E	DEPTH = 73.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	RAT	EPN)	09 02 28.1				86	93	-.2	
		IP	09 02 28.6	6.2	.1	2.90				
		IS	09 02 40.4						.4	
27	ANA	EPN	09 02 31.1				112	102	.0	I AT 090246.5
		IP	09 02 31.7							
		IS	09 02 44.4						-.5	
27	AND	EP	09 02 33.4				133	103	-.1	
27	ASC	EP	09 02 36.3				151	106	.8	QP
27	ASB	EP	09 02 36.4	15.0	.2	3.16	160	109	-.2	
		E(S)	09 02 54.6						.1	
27	ASD	EPN	09 02 36.9				165	107	-.3	
		EP	09 02 38.2	3.9	.1	2.89				
27	SSI	IP	09 02 38.1	9.3	.1	3.28	173	88	-.0	
27	9 58	27.44	51.46 N 179.81 E	DEPTH = 64.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ASB	EPG	09 58 38.7	1.1	.1	1.99	41	255	.1	
		IS	09 58 46.8						-.0	
27	ACE	EP	09 58 38.9				45	262	-.1	QP
27	SSI	EPG	09 58 39.5	3.2	.1	2.49	51	342	.0	
27	ACF	EP	09 58 40.2				57	278	.1	
		ES	09 58 49.4						.1	
27	AND	EPG	09 58 40.3				61	282	-.1	
27	ANA	EPG	09 58 42.6				82	284	.0	
27	11 14	58.63	50.77 N 179.69 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	EPG	11 15 14.2				97	316	-.8	
		I	11 15 16.0	25.8	.1	3.51				
27	ASB	EPG	11 15 14.8				100	312	-.5	
		E	11 15 16.6	66.8	.2	3.63				
		ES	11 15 27.4						.0	
27	ASC	EP	11 15 16.6				112	314	-.1	
27	AND	EP	11 15 19.0				130	314	.0	
27	SSI	IP	11 15 19.8	62.1	.1	4.00	135	338	.2	
27	ANA	EP	11 15 21.6				150	310	.2	
27	RAT	EP	11 15 26.0	28.1	.2	3.45	180	311	.9	QP

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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27	11 37	1.93	52.15 N 179.22 W	DEPTH = 160.5 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										

27	SSI	EP	11 37 25.9	8.9	.2	2.95	87	251	-.3	
		E(S)	11 37 44.2						.3	
27	ASD	EP	11 37 29.3	2.0	.1	2.64	131	230	-.1	
27	ASB	EP	11 37 30.3	1.1	.1	2.40	138	231	.3	
		E(S)	11 37 50.1						-.3	
27	PAT	E(P)	11 37 33.1				173	258	-.0	POSS. NOISE

27	11 58	48.10	18.77 N 145.27 E	DEPTH = 226.0 KM			TELESEISMIC SOLUTION			
MARIANA ISLANDS										

27	ASB	EP	12 06 20.8				4683	32		
27	ASD	EP	12 06 21.4				4691	32		TELE
27	SSI	EP	12 06 24.4	80.3	.4		4738	31		
27	ADK	EP	12 06 39.1				4946	33		

27	12 18	45.37	51.51 N 179.70 E	DEPTH = 19.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

27	ASB	IPG	12 18 52.1	2.7	.1	2.13	35	243	-.0	
		IS	12 18 57.1						.1	
27	ACE	IPG	12 18 52.5				38	253	-.1	
27	ACD	EPG	12 18 52.8				40	258	.0	
27	ACA	EPG	12 18 52.9				40	266	.1	
27	SSI	EPG	12 18 53.4	2.8	.1	2.22	44	350	.0	
		ES	12 18 59.1						-.1	

27	13 20	52.95	51.38 N 179.51 E	DEPTH = 25.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

27	ASD	IPGD	13 20 57.5	11.1	.1	2.59	11	276	-.0	VERY LOCAL
		IS	13 21 .8						-.1	
27	ASB	IPG	13 20 58.2	12.6	.1	2.70	18	263	.1	
		IS	13 21 2.0						.2	
27	ACE	IPGD	13 20 58.6				23	276	-.0	
27	ASC	IPGD	13 20 58.9				25	291	.0	
27	ACD	IPGD	13 20 58.9				26	282	-.1	
27	ACA	IPGD	13 20 59.2				29	293	-.1	
27	ACB	IPG	13 20 59.4				30	288	-.0	
27	AND	EPG	13 21 1.3				43	298	.1	OP
27	SSI	EPG	13 21 3.2	3.6	.1	2.43	57	6	.0	OP

27	ADK	EP	14 28 30.0							
		ES	14 28 37.3							

27	14 22	53.10	25.19 S 178.23 E	DEPTH = 607.0 KM			TELESEISMIC SOLUTION			
SOUTH OF FIJI ISLANDS										

27	ASD	EP	14 33 41.0	37.2	.4		8478	1		
27	ASB	EP	14 33 41.0	37.3	.4		8475	1		TELE
27	ASC	EP	14 33 41.5				8486	1		
27	AND	EP	14 33 42.2				8497	0		
27	ANA	EP	14 33 42.4				8504	0		
27	RAT	E(P)	14 33 43.3	95.7	.4		8523	0		
27	ADK	EP	14 33 44.4				8547	3		
27	SSI	EP	14 33 44.0	112.8	.4		8535	1		

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	15 10 44.34		51.27 N 179.54 W	DEPTH = 12.8 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	IP	15 10 57.4	4.5	.1	2.62	79	280	-.1	
		ES	15 11 7.1						-.0	
27	ASB	EP	15 10 58.4	5.3	.1	2.72	85	277	-.0	
		ES	15 11 8.8						.1	
27	SSI	IP C	15 10 59.5	33.7	.1	3.56	92	319	.0	
		IS	15 11 10.4						-.1	
27	ASC	EP	15 10 59.7				93	284	.1	
27	AND	EP	15 11 2.1				110	288	-.1	
27	ANA	EP	15 11 5.4				131	288	.0	
27	RAT	E(P)	15 11 9.7				159	292	.1	
27	15 28 6.58		51.72 N 179.28 E	DEPTH = 94.7 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	SSI	E(P)	15 28 20.4	1.7	.1	2.28	29	48	-.0	VOP
27	ASC	EP	15 28 20.6				30	195	.2	
27	ASD	IP	15 28 20.7	3.9	.2	2.36	37	173	-.1	
		ES	15 28 31.1						-.0	
27	ASB	EP	15 28 20.9	1.4	.1	2.21	40	183	-.0	OS
		ES	15 28 31.4						.0	
27	ANA	EP	15 28 21.1				44	257	-.0	
27	15 41 23.53		50.85 N 179.78 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
27	ASD	EP	15 41 38.4	6.0	.2	2.54	86	315	-.1	QP.OS
		E(S)	15 41 49.2						-.3	
27	ASB	EP	15 41 39.0	6.3	.2	2.57	89	310	.1	QP
27	ASC	EP	15 41 40.1				101	313	-.2	QP
27	AND	EP	15 41 42.9				119	312	.4	QP
27	SSI	IP	15 41 43.0	29.9	.1	3.65	124	339	-.2	
		ES	15 41 57.8						.3	
27	15 49 19.48		51.10 N 179.39 E	DEPTH = 25.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	ASB	IPG	15 49 26.1	2.3	.1	2.05	31	341	.1	
		IS	15 49 30.8						.0	
27	ASD	IPG	15 49 26.2	2.9	.1	2.18	32	354	-.1	
27	ACE	EPG	15 49 26.9				37	335	.1	
27	ASC	EPG	15 49 27.7				43	339	.0	
27	ACB	EPG	15 49 28.0				45	332	.0	
27	SSI	E(P)	15 49 34.4	7.1	.1	2.88	89	9	.0	QP.P MAY BE S.
27	17 15 39.20		52.01 N 170.45 W	DEPTH = 18.0 KM			TELESEISMIC SOLUTION			
			FOX ISLANDS, ALEUTIAN ISLANDS							
27	NIK	E(P)	17 16 4.5				153	45		
27	ADK	EP	17 16 39.5				429	271		
		ES	17 17 21.6							
27	SSI	EP	17 17 11.2				685	273		
		I	17 17 13.6	224.6	.3					
27	ASD	EP	17 17 13.9				709	268		POOR TAMP
		I	17 17 16.1	157.1	.3					
27	ASB	EP	17 17 14.9	166.9	.3		716	268		POOR TAMP
		E(S)	17 18 29.4							
27	ASC	EP	17 17 15.7				720	269		REGIONAL

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	AND	EP	17 17 17.2				733	270		
27		I	17 17 19.2							
27	ANA	EP	17 17 20.3				752	271		
27	RAT	EP	17 17 22.5	282.6	.3		772	273		
27	SMY	E(P)	17 17 58.5				1054	280		
27	GMA	E(P)	17 19 6.8				1586	16		
27	18 29 45.32	52.18 N 179.24 E	DEPTH = 192.0 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	SSI	EP	18 30 11.0	9.8	.1	3.32	40	144	-.1	
27	ANA	EP	18 30 12.1				74	213	-.2	
27	ASB	EP	18 30 12.5	1.6	.1	2.56	91	180	-.7	
27		ES	18 30 33.6						-.0	
27	AND	EP	18 30 12.6				72	196	.4	
27	ASC	IP	18 30 13.0				80	184	.4	
27	ASD	EP	18 30 13.4	1.8	.2	2.31	88	176	.3	
27	19 22 12.00	51.58 N 178.83 E	DEPTH = 21.0 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	AND	IPGD	19 22 15.7				9	99	-.1	
27		ES	19 22 18.6						-.0	
27	ANA	EPG	19 22 16.1				13	297	-.0	QP
27	ACF	EPG	19 22 16.2				13	115	.1	
27	ACA	EPG	19 22 17.4				23	117	.2	QP
27	ACD	EPG	19 22 17.9				27	127	.2	QP
27	ACE	EPG	19 22 18.2				31	129	-.0	
27	ASR	EPG	19 22 19.0	.5	.1	1.42	38	129	-.2	QP, POOR TAMP
27		ES	19 22 24.3						-.1	
27	ASD	EPG	19 22 19.6	1.3	.1	1.85	41	120	-.1	
27	SSI	EP	22 15 16.9	3.9	.1					
27	ANA	EP	22 15 18.3							
27		E(S)	22 15 36.1							
27	AND	EP	22 15 20.7							QP
27	ASD	EP	22 15 26.3	2.7	.2					
27	23 11 54.19	51.58 N 178.82 E	DEPTH = 20.0 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
27	AND	IPGD	23 11 57.8				9	99	-.1	
27		IS	23 12 .7						.0	
27	ANA	EPG	23 11 58.2				12	298	.0	
27	ASC	EPG	23 12 .1				27	117	.3	QP
27	ACE	EPG	23 12 .4				31	128	-.0	VQP
27	ASR	EPG	23 12 1.3	.9	.1	1.68	38	129	-.1	
27		ES	23 12 6.6						-.0	
27	ASD	EPG	23 12 1.8	1.5	.1	1.94	42	119	-.1	QP. POOR TAMP
28	2 26 8.40	51.12 N 179.88 W	DEPTH = 15.6 KM							FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	ASD	EP	02 26 19.0	2.5	.1	2.28	62	299	.0	
28	ASB	EP	02 26 19.6	2.1	.1	2.23	66	294	-.0	
28		ES	02 26 27.8						-.0	
28	ASC	IP	02 26 21.2				76	300	.0	
28	SSI	IP C	02 26 23.7	10.2	.1	3.05	93	337	-.0	
28		IS	02 26 34.9						.0	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
28	ADK	EP	02 55 43.6							
28	4 8 35.48		52.10 N 179.57 W				DEPTH = 185.0 KM			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	SSI	IP C	04 09 .8	8.8	.1	3.27	62	249	-.4	
		IS	04 09 20.4						.4	
28	ASD	EP	04 09 3.7				109	224	-.0	
28	ASC	EP	04 09 4.0				112	231	.0	
28	ACA	EP	04 09 4.0				114	233	-.0	
28	ASB	EP	04 09 4.2				116	225	.0	
		IS	04 09 24.7						-.4	
28	AND	EP	04 09 4.2				118	240	-.1	
28	ACB	EP	04 09 4.2				116	233	-.0	
28	ACD	EP	04 09 4.3				116	231	.1	
28	ACE	EP	04 09 4.3				117	229	.1	
28	ACF	EP	04 09 4.4				118	238	.1	
28	ACC	EP	04 09 4.8				118	235	.5	
28	ANA	EP	04 09 5.4				133	247	.0	
28	RAT	IP	04 09 6.5				148	258	-.1	
28	ADK	FP	04 09 9.3				199	96	-1.8	
		ES	04 09 34.8						-2.3	
28	4 14 10.82		51.56 N 178.57 E				DEPTH = 65.8 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ANA	IP	04 14 20.7				10	41	.1	
28	AND	IP D	04 14 21.2				27	89	-.0	
28	RAT	IP D	04 14 21.6	54.6	.1	3.67	31	329	.1	
		IS	04 14 29.0						-.3	
28	ACF	IP	04 14 21.6				30	97	.2	
28	ACC	IP C	04 14 21.7				34	104	.0	
28	ACR	IP C	04 14 21.9				38	106	-.0	
28	ACA	IP C	04 14 22.1				39	102	.1	
28	ACD	IP C	04 14 22.2				42	110	-.0	
28	ASC	IP C	04 14 22.4				43	104	.1	
28	ACE	IP C	04 14 22.4				46	112	-.1	
28	ASB	IP D	04 14 22.9	17.8	.1	3.24	52	115	-.2	
		IS	04 14 32.1						.1	
28	ASD	IP D	04 14 23.3	18.1	.1	3.26	57	109	-.2	
28	SSI	IP C	04 14 25.8	22.2	.1	3.42	80	62	-.0	
28	5 35 17.72		51.57 N 178.79 E				DEPTH = 21.1 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	AND	IP D	05 35 21.6				11	95	-.1	
28	ANA	EP	05 35 21.8				11	304	.1	
28	ACB	IP	05 35 23.1				24	120	.0	
28	ACA	EP	05 35 23.2				25	114	.0	
28	ACD	EP	05 35 23.8				29	124	.1	
28	ASC	EP	05 35 23.9				28	115	.3	
28	ACE	EP	05 35 24.1				32	126	-.1	
28	ASB	EP	05 35 25.0	1.4	.1	1.89	39	127	-.1	
		ES	05 35 30.2						-.3	
28	RAT	IP D	05 35 25.3	5.5	.1	2.49	41	308	-.1	
28	ASD	EP	05 35 25.7	2.4	.1	2.14	43	118	.0	
28	SSI	EP	05 35 28.9				65	57	-.1	
		IS	05 35 37.2						.1	
28	ADK	EP	06 14 47.8							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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28	6 28	51.00	52.12 N 170.41 W	DEPTH = 53.0 KM		MR = 3.9	TELESEISMIC SOLUTION			
FOX ISLANDS, ALEUTIAN ISLANDS										

28	NIK	EP	06 29 12.8				142	47		
28	GMA	E(P)	06 31 26.5				1573	16		

28	SSI	EP	07 04 40.7	4.6	.1					
28	ASD	EP	07 04 42.4	1.7	.1					
28	ASB	EP	07 04 43.6	1.6	.1					
28	ACE	EP	07 04 44.2							
28	ASC	EP	07 04 44.4							
28	ACA	EP	07 04 44.7							
28	ACB	IP	07 04 44.9							
28	AND	EP	07 04 46.2							
28	ANA	EP	07 04 48.4							
28	RAT	EP	07 04 51.1	4.4	.1					

28	8 7	36.87	52.00 N 179.62 E	DEPTH = 175.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

28	SSI	IP C	08 07 59.7	6.1	.1	3.07	12	190	-.4	
28	ASC	EP	08 08 1.8				67	208	.2	
28	ASD	EP	08 08 1.9				70	196	.1	
28	ACB	EP	08 08 2.0				70	212	.2	
28	ASB	EP	08 08 2.4				75	200	.4	
		ES	08 08 19.6						-.8	
28	RAT	EP	08 08 2.8				91	256	-.1	
		ES	08 08 22.0						.1	

28	8 25	12.40	52.17 N 170.54 W	DEPTH = 42.0 KM		MR = 4.2	TELESEISMIC SOLUTION			
FOX ISLANDS, ALEUTIAN ISLANDS										

28	NIK	EP	08 25 34.3				145	51		
28	ADK	EP	08 26 9.3				423	268		
28	SSI	EP	08 26 20.8	15.9	.1		678	271		
28	ASD	EP	08 26 43.8	7.4	.1		704	267		
28	ASB	EP	08 26 44.4	8.4	.1		711	267		
28	ASC	EP	08 26 45.2				715	268		
28	AND	EP	08 26 48.1				727	269		
28	ANA	EP	08 26 50.4				746	270		
28	RAT	EP	08 26 53.1				766	271		

28	9 27	42.29	51.65 N 179.58 E	DEPTH = 82.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

28	SSI	EP	09 27 54.7				26	1	.1	
		ES	09 28 3.5						-.1	
28	ASD	EP	09 27 54.9				34	209	-.1	VERY SMALL
28	ASC	EP	09 27 55.1				36	233	-.0	
28	ASB	EP	09 27 55.2	.9	.1	1.98	40	215	-.1	
		E	09 28 46.0							
28	ACA	EP	09 27 55.3				38	239	.1	
28	ACD	EP	09 27 55.3				40	231	-.0	
28	ACE	EP	09 27 55.3				40	225	-.0	
28	ACB	EP	09 27 55.4				40	238	.1	
28	AND	EP	09 27 55.6				45	257	-.0	
28	ACC	EP	09 27 55.6				42	243	.2	
28	ACF	EP	09 27 55.6				43	250	.1	
28	ANA	EP	09 27 57.3				64	267	.3	
28	RAT	EP	09 27 59.0				88	281	-.3	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	10 23	22.52	50.50 N 178.37 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	ASB	EP	10 23 41.0	4.9	.1	2.81	114	32	-.1	
28	ACE	EP	10 23 41.2				115	29	-.0	
28	ACD	EP	10 23 41.5				116	27	.0	
28	ASD	IP	10 23 41.7	9.0	.1	3.09	120	34	-.4	
28	ACB	IP	10 23 41.9				118	25	.1	
28	ACC	EP	10 23 42.0				119	23	.1	
28	ASC	EP	10 23 42.1				121	27	-.0	
28	ACA	EP	10 23 42.3				121	25	.1	
28	ACF	EP	10 23 42.5				122	21	.2	
28	AND	EP	10 23 42.7				125	19	-.1	
28	ANA	EP	10 23 43.3				127	9	.2	
28	RAT	IP D	10 23 45.4	6.0	.1	2.99	145	359	-.3	
28	SSI	IP D	10 23 50.2	26.6	.1	3.71	177	28	.1	
28	11 16	20.32	51.18 N 179.98 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DEAROF ISLANDS, ALEUTIAN ISLANDS										
28	ASD	IP C	11 16 31.0	4.6	.1	2.60	52	297	-.4	
28	ASB	EP	11 16 31.6	2.1	.1	2.27	57	291	-.3	
28	ACE	EP	11 16 32.4				64	293	-.2	
28	ACD	EP	11 16 33.0				67	294	-.0	
28	ASC	EP D	11 16 33.2				67	298	.2	
		IS	11 16 42.3						.0	
28	ACA	IP	11 16 33.6				71	298	.1	
		ES	11 16 43.2						.2	
28	ACB	EP	11 16 33.6				72	296	.0	
28	ACC	EP	11 16 34.2				76	297	.2	
28	SSI	IP	11 16 35.4	9.3	.1	3.02	84	340	.3	
		ES	11 16 45.4						-.5	
28	RAT	EP	11 16 41.9				136	301	.6	
28	12 4	6.02	51.00 N 178.70 E	DEPTH = 28.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	ACE	IP C	12 04 16.1				56	36	-.1	
28	ASB	IP	12 04 16.2	26.7	.1	3.30	56	43	.0	
		IS	12 04 23.3						-.2	
28	ACD	IP C	12 04 16.4				57	32	.1	
28	ACB	IP C	12 04 16.7				58	28	.1	
28	ACC	IP C	12 04 16.7				59	24	.0	
28	ASD	IP	12 04 16.9	11.1	.1	2.95	63	46	-.3	
28	ASC	IP	12 04 16.9				61	32	-.0	
28	ACA	IP C	12 04 17.0				61	28	.1	
28	ACF	IP C	12 04 17.3				62	19	.2	
28	AND	IP	12 04 17.4				65	16	-.1	
28	ANA	IP	12 04 18.4				70	358	.2	
28	RAT	IP	12 04 21.2	13.7	.1	3.18	93	344	-.4	
28	SSI	IP C	12 04 25.2	15.5	.1	3.32	117	32	.0	
28	14 11	30.71	51.57 N 178.80 E	DEPTH = 22.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
28	AND	IP D	14 11 34.7				11	96	-.2	
28	ANA	IP	14 11 35.0				11	302	.1	
28	ACC	EP	14 11 35.8				20	120	.1	
28	ACB	IP	14 11 36.2				24	121	.0	
28	ACA	EP	14 11 36.3				24	115	.0	
28	ACD	IP	14 11 36.8				28	124	.0	
28	ASC	IP	14 11 36.9				28	116	.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	ACE	IP	14 11 37.3				32	126	.0	
28	ASB	IP	14 11 38.1	3.7	.1	2.31	39	127	-.1	
		IS	14 11 43.4						-.2	
28	RAT	IP	14 11 38.4	10.7	.1	2.79	41	308	-.1	
28	ASD	IP	14 11 38.6	6.7	.1	2.60	43	118	-.1	
28	SSI	IP	14 11 41.9	5.1	.1	2.62	65	57	-.0	
		IS	14 11 50.2						.1	

28 15 22 36.92 51.04 N 179.49 W DEPTH = 50.0 KM FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

28	ASD	IP	15 22 51.9	5.7	.1	2.83	91	296	-.5	
28	ASB	IP	15 22 52.7	3.3	.1	2.61	95	293	-.3	
		ES	15 23 4.6						-.1	
28	ACE	EP	15 22 53.5				102	294	-.3	
28	ASC	IP	15 22 54.1				105	297	-.1	
28	ACD	EP	15 22 54.1				105	295	-.1	
28	ACA	EP	15 22 54.6				109	298	-.1	
28	ACB	EP	15 22 54.7				110	296	-.1	
28	SSI	EP	15 22 55.2				115	327	-.2	
28	ACC	EP	15 22 55.4				114	297	.1	
28	AND	EP	15 22 56.9				123	299	.5	
28	ANA	EP	15 22 59.8				144	298	.8	
28	RAT	EP	15 23 3.1				174	300	.5	

28 15 45 15.02 50.91 N 179.17 W DEPTH = 50.0 KM FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

28	ASD	EP	15 45 33.1	1.4	.1	2.30	117	298	-.7	
28	ASB	EP	15 45 33.8				122	295	-.5	
28	ASC	EP	15 45 36.1				132	299	.5	
		ES	15 45 50.5						-.0	
28	SSI	EP	15 45 36.4	10.5	.1	3.24	140	322	-.1	
28	RAT	EP	15 45 44.9				200	301	.9	

28 16 39 10.00 61.64 N 149.74 W DEPTH = 33.0 KM TELESEISMIC SOLUTION
SOUTHERN ALASKA

28 17 40 6.99 51.01 N 179.08 E DEPTH = 30.9 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

28	ASB	EP	17 40 15.3	2.6	.1	2.21	41	17	.0	
		IS	17 40 21.3						-.1	
28	ACE	IP C	17 40 15.7				44	8	-.0	
28	ASD	IP	17 40 15.9	2.4	.1	2.20	46	23	-.1	
28	ACD	IP D	17 40 16.2				47	5	.1	
28	ACB	IP D	17 40 16.6				51	1	.0	
28	ASC	EP	17 40 16.7				51	7	.1	
28	ACA	IP	17 40 16.9				53	3	.0	
28	ACC	IP D	17 40 17.0				53	357	.1	
		ES	17 40 24.1						-.0	
28	AND	EP	17 40 18.0				62	352	-.2	
28	ANA	EP	17 40 19.9				75	337	-.1	
28	SSI	EP	17 40 24.4	3.9	.1	2.68	104	20	.1	
		IS	17 40 36.9						-.1	

28 ADK EP 19 44 37.3

28 SSI EP 19 57 29.2

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		E	19 57 42.1							
28	ANA	EP	19 57 31.7							
28	AND	EP	19 57 33.4							
28	ASC	EP	19 57 36.1							
28	ASB	EP	19 57 36.5							
		ES	19 58 .3							
28	ASD	EP	19 57 37.0							
28	ADK	EP	19 58 14.5							
28	ADK	IP	21 44 28.7							
		IS	21 44 46.7							
28	SSI	EP	21 44 59.9	37.4	.2					
		ES	21 45 44.9							
28	ASD	EP	21 45 2.5	8.3	.1					
28	ASB	EP	21 45 3.5	24.4	.1					
		ES	21 45 51.4							
28	ASC	EP	21 45 4.2							
28	AND	EP	21 45 5.7							
28	ANA	EP	21 45 8.2							
28	RAT	EP	21 45 10.8							

28 21 44 28.29 51.15 N 177.95 E DEPTH = 22.3 KM MB = 4.7 FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

28	ANA	IP D	21 48 40.8				72	43	.3
28	RAT	IP D	21 48 40.8				76	20	-.3
28	AND	IP	21 48 42.1				83	57	-.1
28	ACF	EP	21 48 42.2				83	60	-.0
28	ACC	IP	21 48 42.5				84	64	.1
28	ACP	IP	21 48 42.8				86	67	.1
28	ACD	IP	21 48 43.1				88	70	.2
28	ACE	IP	21 48 43.1				89	72	-.0
28	ACA	IP C	21 48 43.2				89	66	.1
28	ASC	IP	21 48 43.4				91	68	-.0
28	ASB	IP C	21 48 43.6				93	76	-.1
		ES	21 48 54.6						-.4
28	ASD	IP	21 48 44.5				100	75	-.3
28	SSI	IP D	21 48 50.7				140	54	-.0
		IS	21 49 7.2						.1
28	ADK	EP	21 49 20.9				380	76	-.3
		ES	21 50 3.2						3.4

28 21 52 10.87 51.18 N 177.95 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

28	RAT	IP D	21 52 23.2	29.8	.1	3.44	74	21	-.3
28	ANA	EP	21 52 23.3				70	45	.3
		IS	21 52 32.2						.4
28	ASB	EP	21 52 26.2	3.3	.1	2.56	93	77	-.1
28	SSI	IP	21 52 33.3	8.8	.1	3.14	139	55	.1
		IS	21 52 48.9						-.5

28 ADK EP 22 25 50.1
ES 22 25 57.0

28 22 56 36.35 51.54 N 178.78 E DEPTH = 17.8 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

28	AND	IP D	22 56 39.9				12	76	-.2
		ES	22 56 42.8						.0
28	ANA	EP	22 56 40.2				13	321	.1
28	ASC	EP	22 56 42.1				28	107	.1
28	ASB	EP	22 56 43.3	1.4	.1	1.86	38	121	-.1
28	ASD	EP	22 56 44.0	2.0	.1	2.04	42	112	-.0

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
		ES	22 56 49.7						.1	
28	22 56 46.39		51.57 N 178.80 E				21.1			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	AND	IP D	22 56 50.2				10	92	-.2	
		ES	22 56 53.3						.0	
28	ANA	EP	22 56 50.5				12	305	.0	
28	ASC	EP	22 56 52.4				28	114	.2	
28	ASB	EP	22 56 53.6	1.4	.1	1.88	38	126	-.1	
28	ASD	EP	22 56 54.2	2.0	.1	2.05	42	117	-.0	
28	23 27 17.31		51.99 N 179.92 W							FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
28	SSI	IP C	23 27 36.1	24.4	.1	3.58	35	252	-.0	
28	ASD	EP	23 27 38.7	4.9	.1	2.93	84	218	.0	
28	ASC	EP	23 27 38.8				86	227	-.0	
28	ASB	EP	23 27 39.1	8.9	.1	3.20	91	220	-.1	
		ES	23 27 55.1						-.0	
28	AND	EP	23 27 39.4				91	239	.2	
28	ANA	EP	23 27 40.2				105	248	-.1	
28	23 44 53.20		51.49 N 179.70 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASD	EP	23 44 58.7	5.0	.1	2.32	27	247	-.1	
28	ASB	EP	23 44 59.7	3.7	.1	2.25	34	246	-.1	
		IS	23 45 4.6						-.0	
28	ASC	EP	23 45 .2				37	266	.0	
28	ACE	EP	23 45 .3				38	256	.0	
28	ACA	IP	23 45 .7				40	269	.1	
28	ACD	IP	23 45 .7				40	261	.1	
28	ACB	IP	23 45 1.1				42	267	.2	
28	ACC	EP	23 45 1.4				46	270	-.0	
28	SSI	IP	23 45 1.5	4.9	.1	2.47	46	350	.0	
		IS	23 45 7.5						-.0	
28	ACF	EP	23 45 2.0				49	275	.0	
28	AND	EP	23 45 2.3				52	280	-.1	
28	ANA	EP	23 45 5.6				74	283	-.0	
29	0 46 40.81		50.68 N 179.27 W							FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
29	ASD	IP	00 47 .6	3.5	.1	2.72	125	310	.0	
		E(S)	00 47 14.6						-.3	
29	ASB	EP	00 47 .8	3.0	.1	2.66	128	307	-.1	
29	ASC	EP	00 47 2.6				140	309	.3	
29	SSI	EP	00 47 4.1				157	370	-.3	
		ES	00 47 22.0						.4	
29	AND	EP	00 47 4.8				158	309	.2	
29	2 1 58.10		51.00 N 179.99 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
29	ASD	EP	02 02 9.1	9.8	.1	2.89	63	314	.0	
29	ASB	EP	02 02 9.7	8.4	.1	2.84	66	308	.2	
		ES	02 02 17.5						-.3	
29	ACE	EP	02 02 10.6				72	308	.1	

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	ACD	IP	02 02 11.2				76	309	.1	
29	ASC	EP	02 02 11.4				77	312	.2	
29	ACB	IP	02 02 11.4				81	310	-.4	
29	ACA	EP	02 02 11.8				81	312	.0	
29	AND	EP	02 02 14.0				96	311	.1	
29	SSI	IP C	02 02 14.8	31.7	.1	3.58	103	344	-.3	
		IS	02 02 27.7						.3	
29	ANA	EP	02 02 17.0				116	307	.0	
.....										
29	2	9	55.37	51.03 N	179.07 E	DEPTH = 30.2 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ASB	EP	02 10 3.4	3.3	.1	2.30	39	18	.1	
		ES	02 10 9.1						-.1	
29	ACE	EP	02 10 3.8				42	9	.1	
29	ASD	IP	02 10 3.9	3.2	.1	2.32	44	25	-.2	
29	ACD	EP	02 10 4.3				45	6	.2	
29	ASC	EP	02 10 4.7				49	7	.1	
29	ACB	EP	02 10 4.7				48	1	.1	
29	ACA	EP	02 10 4.9				50	4	.0	
29	ACF	EP	02 10 5.6				55	354	.0	
29	AND	EP	02 10 6.1				60	352	-.1	
29	ANA	EP	02 10 7.9				72	337	-.1	
29	SSI	EP	02 10 12.4	4.6	.1	2.75	102	20	.0	
		ES	02 10 24.8						.0	
.....										
29	ADK	EP	02 31 32.4							
		ES	02 31 40.6							
.....										
29	2	53	34.07	51.98 N	178.06 E	DEPTH = 78.4 KM	FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ANA	IP C	02 53 47.8				57	134	-.1	
29	AND	IP C	02 53 49.8				77	127	.1	
29	ASC	IP D	02 53 51.9				96	127	.4	
29	ASB	IP D	02 53 52.4	9.8	.1	3.16	107	130	-.4	
		ES	02 54 6.4						-.0	
29	SSI	EPN	02 53 52.5				105	95	-.1	
		IPG	02 53 55.4	18.1	.1	3.42				
29	ASD	IP D	02 53 53.2	12.7	.1	3.28	110	126	.1	
.....										
29	ADK	EP	03 09 23.0							
29	ADK	EP	04 01 49.2							
		ES	04 01 57.2							
29	ADK	EP	04 13 42.6							
		ES	04 13 51.8							
.....										
29	7	5	47.18	51.12 N	179.00 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ASB	EP	07 05 53.8	2.6	.1	2.12	32	33	-.1	
		ES	07 05 58.6						-.1	
29	ACE	EP	07 05 54.1				33	21	.0	
		ES	07 05 59.2						.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	PES (SEC)	REMARKS
29	ADK	IP C	07 36 31.0							
		IS	07 36 53.0							
29	SSI	EP	07 37 2.1	16.6	.1					
		IS	07 37 48.7							
29	ASD	EP	07 37 6.0							
29	ASR	EP	07 37 6.7							
		ES	07 37 55.9							
29	ASC	EP	07 37 7.4							
29	AND	EP	07 37 8.9							
29	ANA	EP	07 37 11.2							

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FREE DEPTH SOLUTION										
29	8 18 37.12	51.34 N 179.90 E	DEPTH = 25.2 KM							
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ACE	EP	08 18 46.4				51	277	.0	
29	ACD	EP	08 18 46.8				54	280	.0	
29	ACA	EP	08 18 47.3				56	286	.2	
29	ACR	EP	08 18 47.3				57	284	-.0	
29	ACC	EP	08 18 47.9				61	285	.0	
29	SSI	EP	08 18 48.4	2.2	.1	2.26	65	341	.0	
		IS	08 18 56.6						-.0	

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FREE DEPTH SOLUTION										
29	9 50 17.47	51.57 N 178.80 E	DEPTH = 22.9 KM							
RAT ISLANDS, ALEUTIAN ISLANDS										
29	AND	IP D	09 50 21.5				11	92	-.2	
29	ANA	EP	09 50 21.7				12	305	-.1	
29	ACC	EP	09 50 22.8				19	118	.3	
29	ACR	IP	09 50 23.0				23	119	.1	
29	ACA	EP	09 50 23.1				24	113	.1	
29	ACD	IP	09 50 23.5				28	123	.0	
29	ASC	IP	09 50 23.6				28	114	.1	
29	ACE	IP	09 50 23.9				32	125	-.1	
29	ASB	IP	09 50 24.7	3.3	.1	2.25	39	126	-.2	
		ES	09 50 30.1						-.2	
29	ASD	EP	09 50 25.4	5.2	.1	2.48	42	117	-.0	
29	SSI	EP	09 50 28.8	3.4	.1	2.45	65	56	.0	
		IS	09 50 37.0						-.0	

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FREE DEPTH SOLUTION										
29	9 57 16.56	51.19 N 178.10 E	DEPTH = 31.9 KM							
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ANA	EP	09 57 27.9				63	38	-.0	
29	ASB	EP	09 57 30.7	1.8	.1	2.27	82	76	-.0	
		ES	09 57 41.0						-.0	
29	SSI	EP	09 57 37.7	8.8	.1	3.12	130	52	-.0	
		IS	09 57 55.7						2.6	

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FREE DEPTH SOLUTION										
29	10 23 35.62	51.27 N 178.81 E	DEPTH = 47.5 KM							
RAT ISLANDS, ALEUTIAN ISLANDS										
29	ACR	IP	10 23 44.3				29	42	.1	
29	ACC	IP	10 23 44.3				28	34	.1	
29	ACD	IP	10 23 44.3				28	52	.1	
29	ACE	IP	10 23 44.3				29	60	.1	
29	ASB	IP D	10 23 44.4	1.5	.1	2.01	32	72	-.1	
		IS	10 23 50.6						-.4	
29	ACA	IP	10 23 44.5				31	42	.0	
29	ACF	IP	10 23 44.5				31	24	.1	
29	ASC	IP D	10 23 44.6				32	49	.1	
29	AND	IP D	10 23 44.6				34	17	-.1	
29	ASD	IP	10 23 45.1				39	70	-.1	

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	47I (DFG)	RES (SEC)	REMARKS
. 29	ANA	IP D	10 23 45.4				41	345	.1	
. 29	RAT	EP	10 23 48.2				68	330	-.1	
.		IS	10 23 57.4						-.1	
. 29	SSI	IP C	10 23 50.6				87	38	-.1	
.		IS	10 24 1.8						.1	
.....										
. 29	14	3	19.10	54.68 N	161.59 W	DEPTH =	24.0 KM	MB = 5.1	MS = 3.4	TELESEISMIC SOLUTION
ALASKA PENINSULA										
. 29	ADK	EP	14 05 36.0				1053	259		
. 29	SSI	IP	14 06 6.6				1290	264		
. 29	ASD	EPN	14 06 8.9				1327	262		
.		IPG	14 06 10.6	14.8	.2					
. 29	ASB	EPN	14 06 9.7				1335	262		
.		IPG	14 06 11.3	23.8	.2					
. 29	ASC	EP	14 06 10.7				1336	262		
. 29	AND	EP	14 06 11.4				1345	263		
. 29	RAT	IP	14 06 11.7				1375	265		
. 29	ANA	EP	14 06 13.8				1361	264		
.....										
. 29	SSI	IP	15 11 15.8	35.6	.1	3.57				
.		IS	15 11 25.8							
. 29	ASD	IPN	15 11 17.6							
.		IPG	15 11 18.0	2.4	.1					
. 29	ASB	IP	15 11 18.2							
.		EP	15 11 30.4							
. 29	ASC	IP	15 11 18.4							
. 29	AND	EP	15 11 19.2							
. 29	ANA	EP	15 11 21.4							
. 29	ADK	EP	15 16 21.5							
. 29	ASD	EP	15 40 53.8	10.5	.1	3.13				
. 29	ASB	EP	15 40 54.8	12.6	.1	3.24				
.		ES	15 41 8.1							
. 29	ASC	EP	15 40 56.1							
. 29	AND	EP	15 40 58.4							
. 29	ANA	EP	15 41 1.9							
.		ES	15 41 10.2							
.....										
. 29	17	28	32.08	51.31 N	178.59 E	DEPTH =	34.8 KM			FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
. 29	ANA	IP	17 28 40.1				36	8	-.1	
. 29	AND	IP	17 28 40.4				38	41	-.0	
.		ES	17 28 46.3						-.2	
. 29	ACC	EP	17 28 40.4				37	58	.1	
. 29	ACF	EP	17 28 40.4				37	49	.1	
. 29	ACB	EP	17 28 40.5				39	63	-.0	
. 29	ACA	EP	17 28 40.8				42	62	-.0	
. 29	ACD	EP	17 28 40.8				40	70	.1	
. 29	ACE	EP	17 28 40.8				42	75	-.1	
. 29	ASC	EP	17 28 41.1				44	66	.0	
. 29	ASB	EP	17 28 41.2	1.2	.1	1.92	46	82	-.2	
. 29	SSI	EP	17 28 48.1	6.8	.1	2.90	95	46	-.1	
.		IS	17 29 0.0						.1	
.....										
. 29	18	19	18.58	51.56 N	178.80 E	DEPTH =	20.6 KM			FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
. 29	AND	IP D	18 19 22.4				11	87	-.1	
. 29	ANA	IP	18 19 22.6				12	308	-.0	
. 29	ACF	EP	18 19 22.7				14	105	-.1	

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JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
29	ACC	IP	18 19 23.3				19	116	.0	
29	ACA	IP	18 19 23.9				24	111	.0	
29	ACB	IP	18 19 23.9				23	118	.1	
29	ACD	IP	18 19 24.4				27	122	.1	
29	ASC	IP C	18 19 24.5				27	113	.2	
29	ACE	IP	18 19 24.8				31	124	-.1	
29	ASB	IP C	18 19 25.6	10.5	.1	2.75	38	125	-.2	
		ES	18 19 30.9						-.2	
29	ASD	IP C	18 19 26.3	13.6	.1	2.89	42	116	-.1	
29	SSI	IP	18 19 29.9	5.9	.1	2.68	66	55	.0	
		IS	18 19 38.1						-.0	
.....										
29	20 5 13.90	11.05 S 165.92 E DEPTH = 48.0 KM MB = 4.9 MS = 5.3 TELESEISMIC SOLUTION								
	SANTA CRUZ ISLANDS									
29	ADK	EP	20 15 46.5				7168	12		
.....										
29	ADK	EP	20 42 44.8							
29	ADK	EP	21 02 3.3							
		ES	21 02 19.0							
.....										
29	21 10 38.86	50.79 N 179.34 E DEPTH = 50.0 KM								FIXED DEPTH SOLUTION
	RAT ISLANDS, ALEUTIAN ISLANDS									
29	ASB	IP	21 10 50.9	4.7	.1	2.65	64	354	-.3	
		ES	21 10 57.8						-2.4	
29	ASD	IP	21 10 51.0	5.0	.1	2.69	67	0	-.5	
29	ACE	IP C	21 10 51.6				69	350	-.2	
29	ACD	EP	21 10 52.1				72	349	-.1	
29	ASC	IP	21 10 52.5				76	351	-.1	
29	ACB	EP	21 10 52.7				77	347	-.0	
29	ACA	EP	21 10 52.9				78	349	.0	
29	ACC	EP	21 10 53.2				80	345	.1	
29	ACF	EP	21 10 54.0				85	344	.3	
29	AND	IP	21 10 54.5				90	343	.2	
29	SSI	EP	21 10 59.1	8.5	.1	3.10	124	8	.7	
		IS	21 11 12.6						-.1	
.....										
29	23 17 5.31	51.91 N 177.64 E DEPTH = 69.1 KM								FREE DEPTH SOLUTION
	RAT ISLANDS, ALEUTIAN ISLANDS									
29	RAT	IP	23 17 17.5	7.9	.1	2.89	49	104	-.1	
		IS	23 17 26.6						.0	
29	ANA	EP	23 17 20.5				77	114	.2	
29	AND	EP	23 17 22.5				99	113	-.0	
29	ASC	EP	23 17 24.6				117	115	.0	
29	ASB	EP	23 17 25.6	2.3	.1	2.57	127	118	-.2	
		ES	23 17 40.7						-.0	
29	ASD	EP	23 17 26.4	2.9	.1	2.68	131	115	.1	
.....										
29	23 25 43.92	50.66 N 176.81 E DEPTH = 0.0 KM								FIXED DEPTH SOLUTION
	RAT ISLANDS, ALEUTIAN ISLANDS									
29	RAT	IP	23 26 11.0	7.1	.1	3.11	166	39	-.4	
29	ANA	EP	23 26 12.0							

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	ADK	EP	23 59 42.2							
30	ADK	EP	00 27 46.5							
		ES	00 27 57.5							
30	1 39	29.37	51.13 N 178.53 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			PAT ISLANDS, ALEUTIAN ISLANDS							
30	ACE	EPG	01 39 39.0				54	56	-.0	
30	AND	IPG	01 39 39.3				56	31	-.1	
30	ACB	IPG	01 39 39.3				53	47	.3	
30	ACF	EPG	01 39 39.3				54	36	.2	
30	ASB	IPG	01 39 39.4	6.9	.2	2.40	56	63	.0	
		ES	01 39 46.0						-.6	
30	ANA	IPG	01 39 39.5				56	9	.2	
30	ASC	EPG	01 39 39.7				57	50	.1	
30	ACA	EPG	01 39 39.7				56	46	.3	
30	ASD	EPG	01 39 40.0				63	63	-.4	
30	RAT	EPG	01 39 41.7	2.5	.1	2.37	75	349	-.5	
30	SSI	EP	01 39 48.0	1.7	.1	2.34	112	41	.3	
30	ADK	EP	01 46 17.2							
		ES	01 46 24.5							
30	2 15	19.97	51.20 N 178.44 E	DEPTH = 28.1 KM			FREE DEPTH SOLUTION			
			PAT ISLANDS, ALEUTIAN ISLANDS							
30	ANA	IPG	02 15 29.3				50	18	.0	
30	AND	EPG	02 15 29.6				54	41	-.2	
30	ACB	EPG	02 15 30.0				54	57	.1	
30	ACE	EPG	02 15 30.1				56	66	-.0	
30	ASB	EPG	02 15 30.5	.6	.1	1.67	59	72	-.1	QP
		E(S)	02 15 38.2						-.1	
30	ACA	EPG	02 15 30.5				57	56	.3	
30	SSI	EPG	02 15 38.1	6.3	.1	2.91	111	46	-.1	
		ES	02 15 51.5						.1	
30	ADK	EP	02 19 22.5							
30	2 31	9.28	51.58 N 178.80 E	DEPTH = 20.0 KM			FREE DEPTH SOLUTION			
			PAT ISLANDS, ALEUTIAN ISLANDS							
30	AND	IPGD	02 31 12.9				11	98	-.2	VERY LOCAL
		ES	02 31 15.8						-.2	
30	ANA	EPG	02 31 13.3				11	301	.2	
30	ACF	EPG	02 31 13.4				15	112	-.1	
30	ACB	EPG	02 31 14.6				24	122	.1	
30	ACD	E(P)	02 31 15.0				29	125	-.2	
30	ACA	EPG	02 31 15.1				25	115	.5	QP
30	ASC	EPG	02 31 15.2				29	116	.1	
30	ACE	EPG	02 31 15.5				33	127	-.2	
30	ASB	EPG	02 31 16.4	1.7	.1	1.96	39	127	-.3	
		ES	02 31 22.6						.6	
30	ASD	EPG	02 31 17.0	1.7	.1	1.99	43	118	-.2	
30	SSI	EPG	02 31 20.5	1.1	.1	1.95	65	57	.1	
30	2 50	30.75	51.54 N 178.79 E	DEPTH = 19.3 KM			FREE DEPTH SOLUTION			
			PAT ISLANDS, ALEUTIAN ISLANDS							
30	AND	IPGD	02 50 34.4				12	77	-.2	VERY LOCAL
30	ANA	EPG	02 50 34.7				13	318	-.0	
30	ACF	IPG	02 50 34.9				14	96	.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 30	ACB	EPG	02 50 35.9				23	112	.1	
. 30	ACA	IPG	02 50 36.0				24	105	.0	
. 30	ASC	EPG	02 50 36.6				28	108	.2	
. 30	ACE	EPG	02 50 36.9				31	120	.0	
. 30	ASB	EPG	02 50 37.7	1.0	.1	1.72	38	122	-.1	
		IS	02 50 42.9						-.1	
. 30	ASD	EPG	02 50 38.4	1.3	.1	1.85	42	113	-.1	VQP
.....										
. 30	3 13 40.21	51.52 N 177.47 E DEPTH = 75.0 KM RAT ISLANDS, ALEUTIAN ISLANDS						FIXED DEPTH SOLUTION		
. 30	ANA	EP	03 13 55.9				83	82	-.3	
		E(S)	03 14 7.0						-.8	
. 30	AND	EP	03 13 58.1				103	87	-.1	
. 30	ASC	EP	03 14 .1				118	93	.2	QP
. 30	ASB	EP	03 14 .9	1.2	.1	2.29	125	98	.2	QP
. 30	SSI	EP	03 14 4.0	4.1	.1	2.88	152	74	.2	
		FS	03 14 21.6						.5	
.....										
. 30	4 1 12.06	51.46 N 178.86 E DEPTH = 40.3 KM RAT ISLANDS, ALEUTIAN ISLANDS						FREE DEPTH SOLUTION		
. 30	ACF	EPG	04 01 18.8				12	51	-.0	
. 30	AND	IPG	04 01 18.9				13	29	.0	VERY LOCAL
. 30	ACB	IPG	04 01 19.1				16	88	.1	
. 30	ACD	EPG	04 01 19.2				20	99	-.0	
. 30	ACA	IPG	04 01 19.3				18	82	.1	
. 30	ANA	EPG	04 01 19.4				23	324	-.1	
. 30	ACE	EPG	04 01 19.4				23	106	-.1	
. 30	ASC	EPG	04 01 19.6				21	88	.2	QP
. 30	ASB	EPG	04 01 19.9	1.1	.1	1.82	29	112	-.1	QP
		ES	04 01 25.7						-.1	
. 30	ASD	EPG	04 01 20.5	1.5	.1	1.99	34	102	-.0	
		ES	04 01 26.7						-.0	
. 30	SSI	EPG	04 01 24.9	4.3	.1	2.61	70	46	-.0	
		FS	04 01 34.2						-.1	
.....										
. 30	3 56 57.20	49.97 N 79.07 E DEPTH = 0.0 KM MB = 5.3 EASTERN KAZAKH SSR						TELESEISMIC SOLUTION		
. 30	ANA	EP	04 06 52.7				6449	46		TELE
. 30	AND	EP	04 06 54.0				6469	46		
. 30	ASC	EP	04 06 55.3				6487	46		
. 30	ASB	EP	04 06 55.8	30.6	.4		6499	46		
. 30	ASD	EP	04 06 55.9	31.9	.4		6502	46		
. 30	SSI	EP	04 06 56.0	21.4	.4		6477	46		
.....										
. 30	4 23 26.51	51.48 N 179.07 E DEPTH = 26.6 KM RAT ISLANDS, ALEUTIAN ISLANDS						FREE DEPTH SOLUTION		
. 30	ACA	IPG	04 23 31.0				3	94	.1	VERY LOCAL
. 30	ACB	IPG	04 23 31.0				3	153	.1	
. 30	ASC	IPG	04 23 31.1				7	110	.1	
. 30	ACD	EPG	04 23 31.1				7	144	.0	
. 30	ACF	IPG	04 23 31.1				7	311	.0	
. 30	AND	EPG	04 23 31.2				12	317	-.1	
. 30	ACE	IPG	04 23 31.2				11	143	-.1	
. 30	ASB	EPG	04 23 31.8	3.5	.1	2.15	18	138	-.0	
		IS	04 23 35.6						-.1	
. 30	ASD	EPG	04 23 32.1				21	119	-.0	
		IS	04 23 36.1						-.1	

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JUN	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	ANA	IPG	04 23 33.4				33	299	-.0	
30	5	8	54.82	51.45 N	178.83 E	DEPTH = 41.0 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	AND	IPG	05 09 1.7				15	33	-.1	LOCAL
30	ACC	EPG	05 09 1.9				15	75	.1	
30	ACF	EPG	05 09 1.9				14	53	.1	
30	ACB	EPG	05 09 2.1				18	85	.1	
30	ANA	IPG	05 09 2.2				23	329	-.2	
30	ACD	EPG	05 09 2.2				21	96	-.0	
30	ACA	EPG	05 09 2.3				20	80	.2	
30	ACE	IPG	05 09 2.3				24	103	-.1	
30	ASC	EPG	05 09 2.5				23	86	.2	
30	ASB	EPG	05 09 2.9	2.4	.1	2.17	30	109	-.1	
		ES	05 09 8.7						-.2	
30	ASD	EPG	05 09 3.5	2.4	.1	2.20	36	100	-.0	
30	SSI	IPG	05 09 7.9	4.6	.1	2.65	72	46	-.0	
30	ADK	IP D	05 11 26.3							
		IS	05 11 33.2							
30	SSI	EP	05 11 54.4	13.9	.1					
30	ASD	EP	05 11 57.3	10.8	.2					OP
30	ASB	EP	05 11 57.6	22.3	.2					
		E(S)	05 12 30.0							
30	ASC	IP	05 11 58.5							
30	AND	EP	05 12 .8							
30	ANA	EP	05 12 2.8							
30	RAT	EP	05 12 5.4	22.1	.2					POOR TAMP
30	ADK	IP	05 56 35.6							
		IS	05 56 45.5							
30	6	10	50.47	51.36 N	179.70 E	DEPTH = 7.7 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	ASD	IPGD	06 10 55.4	6.9	.1	2.37	25	279	.1	LOCAL
30	ASB	IPG	06 10 56.4	6.4	.1	2.42	31	271	.0	
		IS	06 11 .8						.1	
30	ACF	IPG	06 10 57.3				37	278	-.0	
30	ASC	IPG	06 10 57.6				39	288	-.1	
		TS	06 11 3.0						.0	
30	ACD	EPG	06 10 58.1				40	282	.2	
30	ACA	IPG	06 10 58.2				43	289	-.1	
30	ACB	EPG	06 10 58.4				44	286	-.2	
30	ACF	EPG	06 11 0.0				52	291	-.1	
30	AND	EPG	06 11 .8				57	294	.1	OP
30	SSI	IPG	06 11 1.3	13.7	.1	3.00	60	353	.1	
30	RAT	IPG	06 19 58.1	12.8	.1	3.11				
		IS	06 20 7.7							
30	ANA	EP	06 20 1.3							
		ES	06 20 12.6							
30	AND	EP	06 20 2.8							
30	ASC	EP	06 20 5.2							
		ES	06 20 20.2							
30	6	30	.70	62.75 N	156.23 W	DEPTH = 33.0 KM MB = 3.9				TELESEISMIC SOLUTION
				CENTRAL ALASKA						

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DFG)	RES (SEC)	REMARKS
30	7 8	56.23	51.22 N 178.04 E	DEPTH = 27.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
30	ANA	IPGD	07 09 7.6				63	43	.3	
30	RAT	IPGD	07 09 7.7	198.7	.1	4.23	68	17	-.4	
		ES	07 09 16.7						.0	
30	AND	IPG	07 09 9.0				74	59	-.0	
30	ACB	EPG	07 09 9.8				78	69	.2	
30	ACE	EPG	07 09 10.0				82	75	-.1	
30	ACA	EPG	07 09 10.2				81	68	.2	
30	ASB	IPG	07 09 10.5	11.0	.1	3.06	86	79	-.2	
		ES	07 09 20.9						-.3	
30	ASC	EPG	07 09 10.6				83	70	.3	
30	ASD	EPG	07 09 11.4	3.9	.1	2.64	93	78	-.3	
30	SSI	EP	07 09 17.5	47.4	.1	3.85	131	54	.0	
30	8 35	54.33	51.28 N 179.24 W	DEPTH = 65.7 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
30	ASD	EP	08 36 11.3	1.5	.1	2.32	100	278	-.2	
30	ASB	EP	08 36 12.4	5.6	.2	2.59	106	275	.2	
		ES	08 36 25.4						.1	
30	SSI	IP	08 36 12.4	6.2	.1	2.94	106	310	.2	
		IS	08 36 25.2						-.1	
30	ASC	EP	08 36 12.9				113	281	-.1	
30	9 6	51.84	51.43 N 178.76 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
30	AND	EPG	09 07 0.0				20	42	-.2	
30	ACF	EPG	09 07 .1				20	56	-.0	OP
30	ANA	EPG	09 07 .4				23	343	.1	
30	ACB	EPG	09 07 .4				23	80	.1	
30	ACA	EPG	09 07 .5				26	76	-.0	
30	ACE	EPG	09 07 .6				29	96	-.1	OP
30	ASC	EPG	09 07 .8				29	82	.1	
30	ASB	EPG	09 07 1.1	1.7	.1	2.09	35	102	-.1	
30	ASD	EPG	09 07 1.8	1.0	.1	1.88	41	95	.1	
30	RAT	EPG	09 07 2.7	3.8	.1	2.51	51	125	-.1	
30	SSI	EPG	09 07 6.1	3.5	.1	2.57	77	48	.3	OS
		ES	09 07 15.6						-.3	
30	9 32	40.21	51.57 N 178.80 E	DEPTH = 20.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
30	AND	IPGD	09 32 44.1				11	95	-.0	VERY LOCAL
		ES	09 32 46.9						-.1	
30	ACF	IPGD	09 32 44.1				14	110	-.3	ODIP. LARGE
30	ANA	IPGC	09 32 44.3				11	303	.1	
30	ACC	EPG	09 32 45.1				19	120	.1	
30	ACB	IPG	09 32 45.6				23	121	.1	
30	ACA	IPGC	09 32 45.7				24	114	.1	
30	ASC	IPGD	09 32 46.2				28	115	.2	ODIP
30	ACD	IPG	09 32 46.2				28	124	.1	
30	ACE	IPGD	09 32 46.6				32	126	.0	
30	ASB	IPGC	09 32 47.4	30.4	.1	3.22	39	127	-.1	
		ES	09 32 52.7						-.2	
30	RAT	IPGC	09 32 47.7	133.1	.1	3.88	41	308	-.2	
30	ASD	IPGC	09 32 48.0	35.7	.1	3.31	43	118	-.1	
		ES	09 32 53.5						-.3	
30	SSI	IPG	09 32 51.4	22.2	.1	3.25	65	56	.0	
		ES	09 32 59.6						.1	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
30	10	2	45.71	51.29 N 178.77 E DEPTH = 45.3 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	ACD	EPG	10 02 54.3				30	58	.1	
30	ACE	EPG	10 02 54.3				31	65	-.0	
30	ACB	EPG	10 02 54.4				30	48	.2	
30	AND	EPG	10 02 54.5				33	22	-.0	
30	ACA	EPG	10 02 54.5				33	48	.0	
30	ASB	EPG	10 02 54.6	1.5	.1	2.01	34	76	-.0	
	ES		10 03 .8						-.3	
30	ASC	EPG	10 02 54.6				34	54	.0	
30	ANA	EPG	10 02 55.2				39	349	.1	
30	ASD	EPG	10 02 55.3	2.7	.1	2.29	41	73	-.0	
30	RAT	EP	10 02 57.8	8.5	.1	2.90	65	332	-.2	
30	SSI	EP	10 03 .9	3.0	.1	2.53	88	40	.1	
.....										
30	10	12	9.08	51.47 N 179.45 E DEPTH = 22.3 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	ASD	EPG	10 12 13.2	3.4	.1	2.04	11	219	-.1	VERY LOCAL
30	ASB	EPG	10 12 13.9	3.0	.1	2.04	18	228	-.0	
	IS		10 12 17.3						-.2	
30	ASC	EPG	10 12 14.2				20	267	.2	
30	ACF	IPG	10 12 14.2				21	248	.1	
	ES		10 12 17.8						-.0	
30	ACA	IPG	10 12 14.4				23	273	.0	
30	ACB	IPG	10 12 14.8				25	268	.2	
30	AND	EPG	10 12 15.8				36	287	-.3	
.....										
30	ASD	EP	12 57 29.3	5.0	.2	2.62				
30	ASB	EP	12 57 30.4	8.9	.2	2.88				
	ES		12 57 47.5							
30	ASC	EP	12 57 31.1							
30	SSI	EP	12 57 35.0	4.9	.1					
30	ANA	EP	12 57 35.3							
.....										
30	16	8	36.42	51.78 N 179.90 E DEPTH = 96.6 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	SSI	EP	16 08 50.4	4.1	.1	2.67	25	302	.1	
	ES		16 09 .4						-.1	
30	ASD	EP	16 08 52.0	1.0	.1	2.10	58	222	-.0	
30	ASC	EP	16 08 52.4				62	236	.1	
30	ASB	EP	16 08 52.5	1.4	.1	2.26	65	225	-.1	QS
	ES		16 09 4.4						.1	
30	AND	EP	16 08 52.9				69	250	-.0	
.....										
30	17	1	42.48	51.57 N 178.80 E DEPTH = 21.1 KM			FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	AND	IPGD	17 01 46.3				11	95	-.2	VERY LOCAL
	ES		17 01 49.3						-.1	
30	ANA	IPGC	17 01 46.6				11	303	.1	
30	ACF	IPG	17 01 46.8				14	110	.0	
30	ACC	IPGC	17 01 47.3				19	120	-.0	
30	ACB	IPGC	17 01 47.8				24	121	.0	
30	ACA	IPGC	17 01 47.9				24	114	.0	
30	ASC	IPG	17 01 48.6				28	115	.2	
30	ACD	IPG	17 01 48.6				28	124	.2	
30	ACE	IPG	17 01 48.9				32	126	-.0	
30	ASB	IPG	17 01 49.6	7.0	.1	2.58	39	127	-.2	
	ES		17 01 54.9						-.3	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	RAT	IPGC	17 01 50.0	24.9	.1	3.15	41	308	-.2	
30	ASD	IPGD	17 01 50.3	7.7	.1	2.65	43	118	-.1	
30	SSI	EPG	17 01 53.8	68.7	.1	3.75	65	56	.1	
		IS	17 02 1.7						-.1	
.....										
30	17	3 45.76	51.62 N 178.84 E	DEPTH = 21.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	AND	IPGD	17 03 49.6				10	129	-.1	VERY LOCAL
30	ANA	IPG	17 03 49.9				12	273	.0	
30	ACF	EPG	17 03 50.1				15	135	-.0	
30	ACR	IPG	17 03 51.2				25	135	-.0	
30	ACA	IPG	17 03 51.3				25	129	.1	
30	ASC	IPG	17 03 51.8				29	128	.1	
30	ACD	EPG	17 03 51.8				30	136	-.1	
30	ACE	EPG	17 03 52.2				34	137	-.2	
30	RAT	EPG	17 03 53.3	17.1	.1	2.98	40	300	-.0	
.....										
30	17	18 20.42	51.12 N 179.03 E	DEPTH = 26.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ASB	EPG	17 18 27.1				31	29	.0	QP
		ES	17 18 31.9						-.0	
30	ACE	EPG	17 18 27.4				33	17	.1	
30	ACD	EPG	17 18 27.7				35	12	.1	
30	ASD	EPG	17 18 27.8	1.4	.1	1.89	37	35	-.1	
30	ACB	EPG	17 18 28.0				39	6	-.1	
30	ASC	EPG	17 18 28.3				39	13	.1	
30	ACA	EPG	17 18 28.5				41	8	.1	
30	AND	EPG	17 18 29.5				50	353	-.1	QP
.....										
30	18	48 4.10	51.35 N 178.79 E	DEPTH = 48.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ACB	EPG	18 48 12.5				25	58	-.0	
30	ACC	EPG	18 48 12.5				24	49	.1	
30	AND	IPGC	18 48 12.6				27	26	-.1	
30	ACD	IPGC	18 48 12.6				26	69	-.0	
30	ACF	IPGD	18 48 12.6				25	36	.1	
30	ACA	EPG	18 48 12.7				28	57	-.0	
30	ACE	IPG	18 48 12.7				28	77	-.0	
30	ASB	IPGD	18 48 13.0	20.9	.1	3.16	32	87	-.1	
		ES	18 48 19.3						-.3	
30	ASC	EPG	18 48 13.1				29	64	.2	
30	ANA	IPGD	18 48 13.3				32	345	.2	
30	ASD	IPG	18 48 13.6	41.3	.1	3.49	39	82	-.1	
30	RAT	EPG	18 48 15.7	31.3	.1	3.45	59	328	-.2	
		ES	18 48 24.3						-.2	
30	SSI	EPG	18 48 18.6	99.7	.1	4.04	82	42	.0	
.....										
30	18	49 55.24	50.69 N 177.22 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	RAT	EP	18 50 19.4	6.8	.1	3.04	146	32	-.3	QP
30	ANA	EP	18 50 20.2				145	43	.6	
30	AND	EP	18 50 21.1				155	51	-.1	
30	ASB	EP	18 50 21.8	9.9	.2	2.94	160	61	-.1	
		E(S)	18 50 41.3						-.1	
30	ASC	EP	18 50 22.4				161	57	.4	QP
30	ASD	EP	18 50 22.8	4.3	.2	2.60	168	61	-.2	
30	SSI	IP	18 50 29.6	19.3	.1		212	50	-.2	

JUN 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	20 10	48.91	50.97 N 179.36 W	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
30	ASD	EP	20 11 6.5	9.4	.1	3.13	102	298	-.4	
30	ASB	EP	20 11 7.1	5.1	.1	2.87	107	294	-.3	
		ES	20 11 21.1						.3	
30	ASC	EP	20 11 8.4				117	298	-.1	
30	SSI	IP C	20 11 9.8	14.6	.1	3.38	126	325	.3	
		E(S)	20 11 24.2						-.4	
30	AND	EP	20 11 11.0				135	300	.4	QP
30	20 54	52.58	51.43 N 179.33 E	DEPTH = 61.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ASD	IPGC	20 55 1.7				5	168	-.0	WHITE OUT
		IS	20 55 8.5						.1	
30	ASB	IPGC	20 55 1.8	137.4	.1	4.01	10	216	-.0	LOCAL
		IS	20 55 8.5						-.1	
30	ACE	IPGD	20 55 1.8				11	253	-.1	
30	ASC	IPGD	20 55 2.0				12	287	.1	
30	ACA	IPGD	20 55 2.0				16	291	.0	
30	ACD	IPG	20 55 2.0				13	269	.1	
30	ACB	IPG	20 55 2.1				17	282	.1	
30	ACF	IPGD	20 55 2.4				25	295	-.0	
30	AND	IPG	20 55 2.5				30	299	-.2	
30	ANA	IPGC	20 55 4.5				51	295	.1	
30	SSI	EPG	20 55 4.7				54	19	.0	
30	22 18	1.44	51.72 N 179.59 W	DEPTH = 90.9 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
30	SSI	EP	22 18 16.6	12.8	.1	3.20	60	289	-.1	
		ES	22 18 27.8						.0	
30	ASD	IP	22 18 18.5	4.5	.1	2.79	83	244	-.1	
		ES	22 18 31.1						.0	
30	ASB	EP	22 18 19.3	4.7	.1	2.83	90	244	.0	
		ES	22 18 32.2						-.1	
30	ASC	EP	22 18 19.5				91	252	.2	
30	AND	EP	22 18 20.4				102	260	-.1	QP
30	ANA	EP	22 18 22.4				121	266	-.0	
30	23 17	51.63	51.67 N 178.91 E	DEPTH = 17.3 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ANA	EPG	23 17 55.8				18	255	-.1	
30	ACA	EPG	23 17 56.9				25	146	.0	V. EMERGENT
30	ACB	EPG	23 17 57.1				26	152	.1	VERY LOCAL
30	ASC	EPG	23 17 57.7				29	143	.3	QP
30	ACE	EPG	23 17 58.1				35	149	-.1	
		E(S)	23 18 2.8						-.3	
30	ASB	EPG	23 17 58.9	2.3	.1	2.10	41	146	-.3	QP
		ES	23 18 5.3						.6	
30	ASD	EPG	23 17 59.6	2.8	.1	2.20	43	136	.2	
		ES	23 18 4.2						-.9	

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	0 37 15.43	52.14 N	178.83 E	144.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	0 44 31.63	51.52 N	177.78 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
01	3 33 46.07	51.41 N	179.23 W	23.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
1	3 42 7.40	60.14 N	151.27 W	114.0 T			KENAI PENINSULA, ALASKA
01	4 18 .85	52.03 N	179.40 E	184.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	6 31 36.50	51.57 N	179.05 E	63.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	6 58 9.20	51.71 N	178.28 E	82.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	7 32 39.94	51.98 N	178.30 E	125.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	9 51 58.41	51.12 N	178.08 E	26.5 F	4.0		RAT ISLANDS, ALEUTIAN ISLANDS
01	16 10 15.79	52.08 N	179.60 E	171.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	17 6 5.80	50.67 N	178.16 E	24.7 F	3.8		RAT ISLANDS, ALEUTIAN ISLANDS
01	19 49 35.89	51.43 N	178.77 E	45.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
1	23 34 31.70	60.89 N	150.17 W	66.0 T			KENAI PENINSULA, ALASKA
02	1 5 37.28	52.01 N	179.27 E	181.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	1 30 5.13	51.26 N	179.96 E	40.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	4 8 15.39	51.54 N	179.58 W	28.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
2	4 44 2.40	63.54 N	151.38 W	33.0 T			CENTRAL ALASKA
02	6 52 1.26	51.03 N	179.41 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	7 47 27.39	51.53 N	176.09 W	75.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	8 46 37.32	51.79 N	177.53 W	75.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	8 52 20.61	51.56 N	178.95 E	20.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	10 0 32.25	51.58 N	178.50 E	63.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	11 53 25.47	52.05 N	178.63 E	148.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	12 10 52.60	51.24 N	177.76 W	35.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	12 41 37.84	51.32 N	179.85 E	18.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	12 47 34.96	51.75 N	179.35 W	88.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 19 7.20	51.09 N	179.61 W	22.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	13 23 19.73	52.05 N	179.43 E	164.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	15 33 53.81	51.19 N	178.67 E	22.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	15 56 16.71	51.74 N	178.73 E	15.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	16 4 56.47	52.10 N	179.59 E	100.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

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JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
02	16 6 11.57	52.00 N	178.40 E	132.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	16 18 8.52	51.44 N	178.82 E	41.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	16 24 17.09	52.00 N	179.34 E	157.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	16 36 17.92	51.21 N	179.00 E	36.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	18 27 .66	51.08 N	179.43 E	42.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
2	19 6 32.90	61.03 N	151.26 W	29.0 T	5.0		SOUTHERN ALASKA
02	19 46 42.39	51.44 N	178.78 E	44.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	22 6 40.58	51.82 N	177.04 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	22 54 19.30	53.86 N	177.33 E	33.0 T	4.1		RAT ISLANDS, ALEUTIAN ISLANDS
02	23 58 58.83	51.54 N	178.50 E	63.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	0 25 30.79	51.41 N	179.81 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	4 10 3.53	51.52 N	179.20 W	68.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	4 24 28.94	51.21 N	178.43 E	29.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	4 43 58.91	52.09 N	177.60 E	120.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	5 0 54.56	51.99 N	179.29 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	6 47 37.15	51.42 N	178.77 E	45.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	7 4 35.47	51.37 N	177.36 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	9 1 36.72	52.09 N	179.47 E	168.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	9 10 14.30	51.46 N	177.08 W	36.0 T	4.2		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
03	9 18 45.53	51.72 N	179.84 W	102.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	9 26 39.99	51.44 N	178.58 E	26.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	10 52 25.35	51.83 N	179.31 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	12 25 33.00	51.17 N	178.64 E	32.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	12 48 59.86	51.18 N	179.42 E	39.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	13 0 24.09	51.34 N	178.45 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	13 24 1.90	51.38 N	178.53 E	37.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	14 7 42.36	51.99 N	178.94 E	66.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	17 2 23.71	52.15 N	179.53 E	202.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	17 58 4.84	51.99 N	178.33 E	136.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	3 45 26.00	51.49 N	177.39 W	50.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
04	4 59 18.46	51.39 N	178.69 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
04	5 54 14.96	52.11 N	179.42 E	176.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	6 6 5.50	51.53 N	176.84 W	47.0 T	3.9		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
04	7 23 54.51	51.16 N	178.36 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
04	8 27 14.39	51.23 N	179.96 E	49.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	9 23 59.62	51.41 N	179.27 E	29.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	12 28 6.32	51.09 N	179.65 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
4	13 25 2.80	60.94 N	150.90 W	8.0 T			KENAI PENINSULA, ALASKA
04	22 0 38.12	51.45 N	179.53 E	66.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	23 22 50.30	51.62 N	171.26 W	33.0 T	4.9		FOX ISLANDS, ALEUTIAN ISLANDS
04	23 34 .86	51.12 N	179.01 E	25.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	1 30 24.00	51.69 N	171.54 W	63.0 T	3.8		FOX ISLANDS, ALEUTIAN ISLANDS
05	2 40 21.66	51.53 N	178.42 E	61.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
5	3 41 41.20	64.55 N	146.60 W	24.0 T			CENTRAL ALASKA
05	4 6 12.02	51.20 N	178.42 E	19.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
5	6 39 37.30	61.77 N	150.31 W	84.0 T			SOUTHERN ALASKA
05	7 4 18.70	51.34 N	179.95 E	33.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	7 22 39.69	51.49 N	179.43 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
05	8 23 49.57	52.21 N	179.66 W	172.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	9 18 25.84	51.12 N	179.07 E	29.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	9 20 54.00	6.05 N	126.16 E	67.0 T	5.5		MINDANAO, PHILIPPINE ISLANDS
05	11 26 36.33	51.56 N	179.89 W	76.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	11 57 57.12	51.28 N	179.91 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
5	13 34 46.00	61.18 N	147.37 W	33.0 T			SOUTHERN ALASKA
05	14 20 42.30	9.34 N	84.23 W	26.0 T	5.4	5.1	COSTA RICA
05	18 0 41.13	51.98 N	178.40 E	122.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	18 10 43.20	52.11 N	178.42 E	155.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	19 22 39.61	51.77 N	179.33 W	78.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	19 47 21.89	50.96 N	178.46 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	1 5 10.78	51.41 N	178.81 E	43.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	1 32 32.30	40.82 N	133.26 E	451.0 T	4.5		SEA OF JAPAN
06	2 55 9.19	51.41 N	178.78 E	44.9 F			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
06	4 0 21.70	53.88 N	171.96 W	273.0 T	5.2		ANDREANOF ISLANDS, ALEUTIAN IS.
06	4 2 57.10	49.98 N	77.77 E	0.0 T	5.5		EASTERN KAZAKH SSR
06	4 35 16.20	51.61 N	178.74 E	20.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	5 49 25.73	52.14 N	178.59 E	165.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	8 49 9.13	51.67 N	178.78 E	77.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	9 4 17.10	52.03 N	178.31 E	138.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	9 9 54.91	50.48 N	177.69 E	14.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	9 27 29.61	51.47 N	179.64 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	10 14 11.11	51.24 N	178.97 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	10 22 40.30	51.45 N	178.79 E	41.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	10 48 14.58	51.47 N	178.10 E	48.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	11 1 30.76	51.89 N	178.39 E	120.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	14 1 30.48	51.29 N	179.65 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	15 22 49.20	51.30 N	175.93 W	105.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
06	17 5 .76	51.97 N	177.82 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	18 21 4.10	52.96 N	170.86 W	97.0 T	4.7		FOX ISLANDS, ALEUTIAN ISLANDS
06	21 37 29.97	51.43 N	177.73 W	50.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
07	0 30 37.80	51.38 N	178.75 E	36.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	6 37 52.32	51.07 N	179.44 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	6 44 29.91	51.47 N	178.46 E	58.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	7 45 43.29	51.10 N	179.86 E	37.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	9 41 22.09	50.82 N	177.67 E	10.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	15 19 58.10	51.52 N	179.79 E	74.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	15 51 .50	51.22 N	180.00 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	16 2 4.10	51.53 N	176.92 W	49.0 T	4.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
07	17 42 13.13	51.64 N	178.67 E	75.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
7	18 1 46.50	61.96 N	149.44 W	77.0 T	3.5		CENTRAL ALASKA
07	18 44 5.03	51.94 N	179.72 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	20 36 3.20	51.99 N	178.37 W	33.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	0 45 16.64	51.53 N	178.94 E	71.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	1 17 20.19	51.11 N	179.45 E	37.5 F			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
08	1 19 47.85	51.66 N	179.86 E	87.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	2 23 40.47	50.98 N	179.18 E	23.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	5 20 35.27	50.31 N	178.69 E	81.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	8 45 32.29	51.56 N	178.83 E	74.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	10 41 15.18	50.68 N	178.95 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	12 54 22.75	51.55 N	179.68 E	78.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	13 22 46.67	51.40 N	178.78 E	45.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	16 7 12.92	51.17 N	178.67 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
08	16 28 48.03	51.38 N	178.32 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	18 48 40.90	51.56 N	177.19 W	56.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
08	22 2 45.33	50.29 N	178.63 E	23.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	22 7 48.29	51.40 N	178.74 E	45.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	22 42 35.84	51.12 N	179.44 E	34.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	0 26 56.93	51.18 N	178.71 E	24.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	4 15 20.19	51.44 N	179.52 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	10 14 17.39	51.02 N	178.48 E	41.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	10 52 37.05	50.93 N	178.56 E	32.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	11 58 27.71	49.97 N	177.70 W	50.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
09	14 25 22.83	51.47 N	179.43 W	80.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	16 7 52.60	23.98 S	179.75 E	520.0 T	4.6		SOUTH OF FIJI ISLANDS
09	17 34 29.17	51.15 N	179.63 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	17 38 31.46	51.80 N	179.67 E	99.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	17 42 38.53	51.34 N	179.55 W	63.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	18 56 16.00	55.88 N	158.35 W	27.0 T	3.9		ALASKA PENINSULA
09	21 9 48.30	56.67 N	156.53 W	56.0 T	5.2		ALASKA PENINSULA
09	23 8 2.26	51.10 N	178.60 E	36.0 F	4.3		RAT ISLANDS, ALEUTIAN ISLANDS
09	23 12 39.81	51.18 N	178.62 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
09	23 18 3.86	51.18 N	178.66 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
09	23 21 .83	51.13 N	178.60 E	27.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	4 29 35.22	51.43 N	178.95 E	62.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	5 11 32.17	51.57 N	179.24 W	38.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
10	5 45 37.13	51.84 N	178.25 E	120.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	6 19 26.91	51.19 N	179.69 E	37.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	9 28 40.78	50.28 N	177.21 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	11 20 31.70	11.10 N	86.77 W	60.0 T	4.9		NEAR COAST OF NICARAGUA
10	12 43 34.47	52.04 N	179.48 E	189.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	14 5 5.23	51.10 N	179.02 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	15 48 40.12	50.73 N	179.12 W	75.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	17 28 35.90	52.19 N	170.56 W	41.0 T	5.3		FOX ISLANDS, ALEUTIAN ISLANDS
10	18 20 42.52	51.46 N	178.47 E	37.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	19 57 55.18	51.64 N	179.40 E	16.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	19 59 52.50	41.13 N	138.42 E	226.0 T	5.7		EASTERN SEA OF JAPAN
10	20 28 40.01	51.45 N	178.81 E	46.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	6 40 10.51	51.10 N	179.90 E	31.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	6 46 26.92	51.17 N	178.83 E	24.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	8 19 54.81	51.10 N	179.97 E	28.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	8 50 22.50	49.86 N	179.98 W	33.0 T	4.0		DELAROF ISLANDS, ALEUTIAN ISLANDS
11	9 0 26.66	52.34 N	178.36 W	256.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	10 48 47.90	49.95 N	156.47 E	55.0 T	5.2		KURIL ISLANDS
11	11 57 3.09	50.94 N	178.91 E	22.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	12 32 39.58	51.40 N	178.73 E	47.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	12 56 4.30	17.97 N	69.78 W	57.0 T	6.1		DOMINICAN REPUBLIC REGION
11	13 35 2.53	51.57 N	179.49 W	72.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	13 58 37.70	51.49 N	176.08 E	32.0 T	5.9	6.5	RAT ISLANDS, ALEUTIAN ISLANDS
11	14 13 33.66	51.33 N	175.96 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
11	14 16 22.01	51.44 N	175.96 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
11	14 24 5.35	51.31 N	175.76 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
11	14 34 23.32	51.58 N	177.72 E	55.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	15 21 27.90	51.26 N	179.26 W	51.0 T	5.1		DELAROF ISLANDS, ALEUTIAN ISLANDS
11	15 25 6.10	51.13 N	179.24 W	34.0 T	4.5		DELAROF ISLANDS, ALEUTIAN ISLANDS
11	15 38 31.23	50.30 N	179.50 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
11	16 12 10.00	51.02 N	175.60 E	33.0 T			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
11	22 40 16.70	51.16 N	176.27 E	33.0 T	4.1		RAT ISLANDS, ALEUTIAN ISLANDS
12	1 35 8.61	51.06 N	178.36 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	2 29 53.22	51.02 N	179.87 E	33.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	3 10 58.52	51.06 N	178.54 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	4 15 31.97	51.47 N	174.90 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	5 45 59.10	51.55 N	179.74 E	78.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	6 14 4.78	51.45 N	178.79 E	56.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	18 16 56.78	52.07 N	176.04 E	150.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	19 37 18.53	51.97 N	176.48 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	22 25 59.10	45.38 N	147.76 E	120.0 T	5.1		KURIL ISLANDS
12	22 40 35.30	18.76 S	176.51 W	329.0 T	5.2		FIJI ISLANDS REGION
12	23 37 10.10	20.79 S	178.90 W	605.0 T	4.9		FIJI ISLANDS REGION
13	1 33 11.00	50.95 N	178.51 W	33.0 T			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	3 51 58.57	51.36 N	178.61 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	7 21 6.00	51.16 N	173.93 E	5.0 T	4.4		RAT ISLANDS, ALEUTIAN ISLANDS
13	12 33 36.97	51.25 N	179.90 E	44.6 F	4.2		RAT ISLANDS, ALEUTIAN ISLANDS
13	19 52 17.70	59.96 N	152.04 W	62.0 T	4.5		SOUTHERN ALASKA
14	4 31 38.19	51.51 N	179.46 E	18.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	15 48 39.87	51.42 N	178.79 E	44.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	16 26 13.77	51.82 N	178.76 W	102.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
14	22 25 30.39	51.46 N	178.80 E	40.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	2 29 6.77	51.49 N	179.87 W	66.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
15	8 3 49.77	51.67 N	178.60 E	58.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	13 21 37.02	51.57 N	178.78 E	22.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	14 4 8.50	52.84 N	160.79 E	55.0 T	5.1		OFF EAST COAST OF KAMCHATKA
15	16 1 5.35	51.17 N	179.34 E	39.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	16 19 2.63	52.18 N	178.76 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
15	18 0 59.50	51.14 N	177.97 W	46.0 T	4.8		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
15	18 33 29.94	51.43 N	178.76 E	45.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	19 9 4.69	51.40 N	178.77 E	47.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	1 29 3.44	51.92 N	178.62 E	118.2 F			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
16	4 56 35.08	52.16 N	176.82 E	100.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	6 41 20.01	52.04 N	177.96 W	125.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
16	11 4 13.08	51.53 N	178.70 E	19.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	11 15 22.80	51.28 N	179.93 E	40.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	12 21 34.90	51.16 N	179.92 E	35.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	13 33 15.09	51.18 N	178.74 E	78.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	18 21 22.00	62.65 N	152.30 W	33.0 T	3.9		CENTRAL ALASKA
16	18 55 5.06	51.43 N	177.68 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	20 19 59.36	51.74 N	178.71 E	90.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	21 47 38.72	52.03 N	179.54 E	163.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	22 52 4.74	50.58 N	177.72 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	0 1 12.63	51.58 N	179.98 E	91.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	0 41 49.74	51.15 N	179.26 E	34.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	1 26 20.74	51.66 N	179.01 E	74.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	2 3 25.18	52.07 N	178.40 E	162.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	4 50 46.65	51.31 N	178.99 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	5 0 35.78	50.09 N	177.72 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	8 20 48.60	54.57 N	162.08 E	59.0 T			NEAR EAST COAST OF KAMCHATKA
17	10 41 32.51	51.39 N	178.75 E	47.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	11 53 59.86	51.51 N	179.36 W	19.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
17	13 53 26.71	51.62 N	179.85 E	80.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	15 36 28.26	50.57 N	177.25 E	.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	20 31 39.32	51.95 N	177.89 E	125.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	21 0 40.90	25.48 S	69.15 W	93.0 T	6.3		NORTHERN CHILE
17	22 59 46.90	60.02 N	152.94 W	125.0 T			SOUTHERN ALASKA
18	8 20 23.22	51.57 N	179.72 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
18	8 58 42.60	51.81 N	179.46 W	100.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	10 46 9.69	50.99 N	178.52 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
18	16 32 37.78	51.66 N	179.35 E	85.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	17 21 45.87	51.39 N	179.28 W	48.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	17 40 33.40	68.51 N	147.69 W	33.0 T	4.7		ALASKA

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
18	23 45 18.06	51.43 N	179.29 E	110.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	4 9 15.97	51.65 N	178.45 E	190.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	4 3 57.60	50.00 N	77.77 E	0.0 T	5.5		EASTERN KAZAKH SSR
19	7 59 20.22	51.38 N	180.00 E	24.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	9 8 59.33	51.20 N	178.52 E	26.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	10 48 40.24	51.55 N	180.00 W	71.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
19	13 20 49.90	51.40 N	179.35 W	42.0 T	3.9		DELAROF ISLANDS, ALEUTIAN ISLANDS
19	19 46 19.48	51.15 N	178.49 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
19	20 19 55.76	51.01 N	179.09 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
19	23 34 43.23	51.52 N	178.78 E	16.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	6 13 20.22	52.12 N	179.18 E	148.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	6 54 22.80	51.38 N	178.76 E	39.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	13 58 41.89	51.33 N	179.79 E	25.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	18 44 4.37	51.32 N	179.03 E	48.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	22 40 44.88	51.59 N	179.94 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
20	22 57 10.90	36.16 N	139.77 E	70.0 T	4.9		HONSHU, JAPAN
21	2 19 11.22	51.53 N	178.78 E	18.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	2 35 39.76	51.55 N	178.80 E	20.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	5 28 38.90	51.47 N	178.77 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
21	6 24 13.43	51.50 N	178.90 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
21	7 9 42.14	51.57 N	178.82 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	8 3 58.47	51.58 N	178.80 E	19.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	8 37 31.79	51.56 N	178.78 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
21	9 13 26.01	51.92 N	178.81 E	119.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	9 36 52.60	51.68 N	177.25 W	57.0 T	4.6		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
21	9 59 31.93	51.59 N	178.87 E	75.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	10 37 58.01	52.07 N	178.42 E	141.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	11 26 .43	50.90 N	178.39 E	28.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	13 47 58.73	51.58 N	178.79 E	24.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	16 39 32.66	51.57 N	178.79 E	22.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	16 54 49.97	51.57 N	178.79 E	21.6 F			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
21	17 24 36.55	51.58 N	178.80 E	25.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	18 36 15.76	51.42 N	178.80 E	44.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	19 40 14.42	51.99 N	179.99 W	191.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
21	20 0 19.94	51.58 N	178.91 E	22.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	20 23 40.48	51.57 N	178.79 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	20 49 1.09	51.57 N	178.79 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	20 54 14.52	50.65 N	177.42 E	13.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	23 31 26.28	51.57 N	178.81 E	18.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	4 24 7.11	51.60 N	178.83 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	4 44 45.59	51.17 N	178.54 E	16.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	4 56 .97	51.59 N	178.85 E	20.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	4 57 23.08	51.79 N	178.75 E	102.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	7 44 3.32	51.75 N	174.83 E	150.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	11 23 8.20	9.76 S	160.18 E	34.0 T	5.4		SOLOMON ISLANDS
22	13 17 48.70	63.66 N	149.97 W	132.0 T	3.8		CENTRAL ALASKA
22	14 34 9.29	50.86 N	177.87 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	16 21 33.47	51.57 N	178.81 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	17 11 25.79	51.56 N	178.80 E	19.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	17 12 40.24	51.60 N	178.81 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	17 34 9.71	51.46 N	178.73 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	18 1 51.20	51.56 N	178.80 E	19.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	18 43 38.49	51.44 N	177.41 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	18 56 45.01	51.83 N	179.86 W	84.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	20 43 56.42	51.13 N	179.00 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	20 47 17.30	52.03 N	178.54 E	140.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	22 47 6.61	51.62 N	178.83 E	23.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	23 38 26.41	51.57 N	178.81 E	19.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	0 15 44.68	51.02 N	179.15 E	34.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	0 25 27.49	50.96 N	179.24 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	0 58 38.00	51.31 N	178.18 E	50.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	1 40 39.04	50.97 N	178.72 E	24.6 F			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
23	1 46 57.51	51.54 N	178.83 E	19.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	2 0 1.91	51.16 N	179.48 E	32.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	2 22 34.60	58.34 N	151.82 W	33.0 T	4.2		KODIAK ISLAND REGION
23	2 40 50.97	51.35 N	179.53 E	65.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	2 46 33.38	50.66 N	176.93 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	4 23 22.33	51.57 N	178.80 E	21.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	6 27 23.40	51.48 N	178.84 E	42.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	10 2 35.33	51.29 N	179.84 W	27.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	10 54 43.74	52.15 N	173.94 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	10 59 10.07	51.71 N	179.71 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	11 47 2.10	51.48 N	178.72 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	12 49 54.79	50.93 N	179.89 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	13 20 52.07	52.41 N	178.29 E	141.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	14 56 56.82	51.44 N	178.79 E	44.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	15 19 44.03	51.61 N	178.84 E	23.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	15 29 59.60	37.00 N	116.01 W	0.0 T	4.9		SOUTHERN NEVADA
23	16 51 13.69	51.62 N	178.86 E	22.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	17 39 52.96	52.58 N	179.07 E	100.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	19 15 3.64	51.57 N	178.79 E	20.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	19 42 25.24	51.91 N	179.15 E	188.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	22 21 20.02	51.56 N	178.80 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	22 44 35.39	51.58 N	178.87 E	74.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	23 0 59.60	50.44 N	179.32 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
23	23 35 13.58	51.49 N	178.13 W	0.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
24	0 41 33.52	51.75 N	179.24 E	184.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	2 3 24.26	51.55 N	179.15 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
24	2 31 28.18	50.99 N	179.23 E	23.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	4 19 56.10	63.17 N	149.99 W	33.0 T			CENTRAL ALASKA
24	5 47 39.43	51.28 N	179.25 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	10 38 4.55	51.57 N	178.79 E	20.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	15 47 52.97	51.47 N	178.96 E	66.4 F			RAT ISLANDS, ALEUTIAN ISLANDS

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JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
24	16 42 11.21	51.05 N	176.43 E	1.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	17 1 30.47	51.56 N	178.79 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	18 23 23.43	51.66 N	178.89 E	21.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	21 53 17.87	51.58 N	177.79 E	54.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	22 41 40.22	51.37 N	178.30 E	40.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	23 22 51.23	51.06 N	179.98 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	2 13 17.13	52.19 N	178.54 W	179.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	2 16 6.04	52.05 N	179.74 E	173.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	4 7 28.19	51.09 N	179.65 E	35.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	5 55 32.10	61.49 N	149.97 W	48.0 T			SOUTHERN ALASKA
25	6 22 58.47	50.58 N	177.29 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
25	9 37 30.48	50.97 N	179.44 E	52.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	10 13 .96	51.53 N	178.75 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
25	10 41 23.27	51.78 N	179.95 W	97.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	10 53 27.51	51.56 N	178.25 W	24.1 F			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
25	13 6 40.99	51.56 N	178.79 E	19.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	13 11 16.79	51.45 N	179.74 W	48.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	13 31 33.94	50.65 N	177.17 E	3.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	19 26 18.22	51.57 N	178.80 E	22.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	19 33 27.94	52.22 N	179.86 W	195.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	20 26 47.86	50.69 N	177.48 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
25	22 36 30.02	51.89 N	178.69 E	106.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	23 34 54.39	51.57 N	178.81 E	20.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	1 40 20.39	49.96 N	178.99 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	3 20 16.39	50.92 N	179.96 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	3 34 59.66	51.19 N	178.34 E	20.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	5 20 54.75	51.49 N	179.40 E	65.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	11 28 34.39	52.14 N	179.66 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	11 30 9.35	50.19 N	177.49 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	13 24 26.69	51.57 N	178.79 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	14 27 9.62	51.42 N	179.02 W	25.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
26	16 8 55.57	51.52 N	178.74 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	19 27 12.60	5.21 S	96.89 E	15.0 T	5.9	6.3	SOUTHWEST OF SUMATRA
26	20 4 29.00	60.30 N	152.48 W	86.0 T	4.2		SOUTHERN ALASKA
27	0 37 47.10	60.13 N	153.27 W	101.0 T	3.4		SOUTHERN ALASKA
27	3 43 20.05	52.43 N	178.05 W	200.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
27	3 51 55.72	51.44 N	178.77 E	44.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	4 20 26.47	51.20 N	177.67 W	25.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
27	5 30 31.29	51.55 N	179.48 E	20.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	7 49 59.59	51.53 N	179.22 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	8 32 32.47	51.80 N	179.72 E	114.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	9 2 12.10	51.85 N	177.08 E	73.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	9 58 27.44	51.46 N	179.81 E	64.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	11 14 58.63	50.77 N	179.69 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	11 37 1.93	52.15 N	179.22 W	160.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	11 58 48.10	18.77 N	145.27 E	226.0 T	5.2		MARIANA ISLANDS
27	12 18 45.37	51.51 N	179.70 E	19.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	13 20 52.95	51.38 N	179.51 E	25.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	14 22 53.10	25.19 S	178.23 E	607.0 T	5.3		SOUTH OF FIJI ISLANDS
27	15 10 44.34	51.27 N	179.54 W	12.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	15 28 6.58	51.72 N	179.28 E	94.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	15 41 23.53	50.85 N	179.78 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	15 49 19.48	51.10 N	179.39 E	25.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	17 15 39.20	52.01 N	170.45 W	18.0 T	5.2		FOX ISLANDS, ALEUTIAN ISLANDS
27	18 29 45.32	52.18 N	179.24 E	192.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	19 22 12.00	51.58 N	178.83 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	23 11 54.19	51.58 N	178.82 E	20.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	2 26 8.40	51.12 N	179.88 W	15.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	4 8 35.48	52.10 N	179.57 W	185.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	4 14 10.82	51.56 N	178.57 E	65.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	5 35 17.72	51.57 N	178.79 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	6 28 51.00	52.12 N	170.41 W	53.0 T	3.9		FOX ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
28	8 7 36.87	52.00 N	179.62 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	8 25 12.40	52.17 N	170.54 W	42.0 T	4.2		FOX ISLANDS, ALEUTIAN ISLANDS
28	9 27 42.29	51.66 N	179.58 E	82.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	10 23 22.52	50.50 N	178.37 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	11 16 20.32	51.18 N	179.98 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	12 4 6.02	51.00 N	178.70 E	28.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	14 11 30.71	51.57 N	178.80 E	22.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	15 22 36.92	51.04 N	179.49 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	15 45 15.02	50.91 N	179.17 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	16 39 10.00	61.64 N	149.74 W	33.0 T			SOUTHERN ALASKA
28	17 40 6.99	51.01 N	179.08 E	30.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	21 48 28.29	51.16 N	177.95 E	22.3 F	4.7		RAT ISLANDS, ALEUTIAN ISLANDS
28	21 52 10.87	51.18 N	177.95 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	22 56 36.35	51.54 N	178.78 E	17.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	22 56 46.39	51.57 N	178.80 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	23 27 17.31	51.99 N	179.92 W	135.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	23 44 53.20	51.49 N	179.70 E	18.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	0 46 40.81	50.68 N	179.27 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
29	2 1 58.10	51.00 N	179.99 E	24.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	2 9 55.37	51.03 N	179.07 E	30.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	2 53 34.07	51.98 N	178.06 E	78.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	7 5 47.18	51.12 N	179.00 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
29	8 18 37.12	51.34 N	179.90 E	25.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	9 50 17.47	51.57 N	178.80 E	22.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	9 57 16.56	51.19 N	178.10 E	31.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	10 23 35.62	51.27 N	178.81 E	47.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	14 3 19.10	54.68 N	161.59 W	24.0 T	5.1	3.4	ALASKA PENINSULA
29	17 28 32.08	51.31 N	178.59 E	34.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	18 19 18.58	51.56 N	178.80 E	20.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	20 5 13.90	11.05 S	165.92 E	48.0 T	4.9	5.3	SANTA CRUZ ISLANDS
29	21 10 38.86	50.79 N	179.34 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

JUN 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
29	23 17 5.31	51.91 N	177.64 E	69.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	23 25 43.92	50.65 N	176.81 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	1 39 29.37	51.13 N	178.53 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	2 15 19.97	51.20 N	178.44 E	28.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	2 31 9.28	51.58 N	178.80 E	20.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	2 50 30.75	51.54 N	178.79 E	19.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	3 13 40.21	51.52 N	177.47 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	4 1 12.06	51.46 N	178.86 E	40.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	3 56 57.20	49.97 N	179.07 E	0.0 T	5.3		EASTERN KAZAKH SSR
30	4 23 26.51	51.48 N	179.07 E	26.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	5 9 54.82	51.45 N	178.83 E	41.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	6 10 50.47	51.36 N	179.70 E	7.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	6 30 .70	62.75 N	156.23 W	33.0 T	3.9		CENTRAL ALASKA
30	7 8 56.23	51.22 N	178.04 E	27.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	8 35 54.33	51.28 N	179.24 W	65.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	9 6 51.84	51.43 N	178.76 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	9 32 40.21	51.57 N	178.80 E	20.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	10 2 45.71	51.29 N	178.77 E	45.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	10 12 9.08	51.47 N	179.45 E	22.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	16 8 36.42	51.78 N	179.90 E	96.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	17 1 42.48	51.57 N	178.80 E	21.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	17 3 45.76	51.62 N	178.84 E	21.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	17 18 20.42	51.12 N	179.03 E	26.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	18 48 4.10	51.35 N	178.79 E	48.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	18 49 55.24	50.69 N	177.22 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
30	20 10 48.91	50.97 N	179.36 W	75.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	20 54 52.58	51.43 N	179.33 E	61.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	22 18 1.44	51.72 N	179.59 W	90.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	23 17 51.63	51.67 N	178.91 E	17.3 F			RAT ISLANDS, ALEUTIAN ISLANDS

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

SEISMICITY FIGURES

ALEUTIAN EARTHQUAKES WHICH WERE LOCATED DURING THE MONTH BY THE ALEUTIAN SEISMIC NETWORK AND BY THE WORLD NETWORK OF SEISMOLOGICAL STATIONS REPORTING TO THE ENVIRONMENTAL RESEARCH LABORATORIES (ERL) ARE PLOTTED ON SIX FIGURES COVERING THE ALEUTIAN ISLANDS FROM THE NEAR ISLANDS TO UNIMAK ISLAND (170 DEGREES EAST LONGITUDE TO 160 DEGREES WEST LONGITUDE). 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 PRODUCE THE FIGURES. 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 FIRST FIGURE.

DEPTH OF FOCUS (km)

0-50

50-100

100-150

150-200

200-250

$m_B = 3.0$

*

□

x

◇

+

$m_B = 4.0$

*

□

x

◇

+

$m_B = 5.0$

*

□

x

◇

+

$m_B = 6.0$

*

□

x

◇

+

$m_B = 7.0$

*

□

x

◇

+

55.0 ⁺	-170.0	-169.0 ⁺	-168.0 ⁺	-167.0 ⁺	-166.0 ⁺	-165.0 ⁺	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 ⁺							51.5 ⁺
51.0 ⁺							51.0 ⁺
50.5 ⁺							50.5 ⁺
50.0 ⁺	-170.0	-169.0 ⁺	-168.0 ⁺	-167.0 ⁺	-166.0 ⁺	-165.0 ⁺	50.0 ⁺

55.0 ⁺	-165.0	-164.0 ⁺	-163.0 ⁺	-162.0 ⁺	-161.0 ⁺	-160.0 ⁺	55.0 ⁺
54.5 ⁺							54.5 ⁺
54.0 ⁺							54.0 ⁺
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52.0 ⁺							52.0 ⁺
51.5 ⁺							51.5 ⁺
51.0 ⁺							51.0 ⁺
50.5 ⁺							50.5 ⁺
50.0 ⁺	-165.0	-164.0 ⁺	-163.0 ⁺	-162.0 ⁺	-161.0 ⁺	-160.0 ⁺	50.0 ⁺