ALEUTIAN SEISMIC PROGRAM
SEISMOLOGICAL BULLETIN
MAY 1971

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

FEBRUARY 1972

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

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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
SHY	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

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
01	2 51	8.52	51.50 N 178.53 E	DEPTH = 24.1 KM			FREE DEPTH SOLUTION			RAT ISLANDS, ALEUTIAN ISLANDS
01	ANA	IP	02 51 13.5				16	34	.1	
01	RAT	IP D	02 51 15.4				36	337	-.2	
01	ASC	IP	02 51 17.2				44	96	.4	
01	ASB	IP D	02 51 17.9	29.6	.1	3.31	52	107	-.1	
01	ASD	IP C	02 51 18.7	16.2	.1	3.09	58	102	-.0	
		ES	02 51 25.6						-.6	
01	SSI	IP C	02 51 22.8				85	59	.1	
1	6 49	54.70	64.86 N 147.97 W	DEPTH = 26.0 KM			TELESEISMIC SOLUTION			CENTRAL ALASKA
01	8 9	53.93	51.57 N 178.83 W	DEPTH = 153.5 KM			FREE DEPTH SOLUTION			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	ASD	EP	08 10 20.5	7.1	.2	2.89	128	262	-.0	
		IS	08 10 39.9						-.0	
01	ASB	E(P)	08 10 21.1				135	261	-.0	
01	ANA	E(P)	08 10 24.6				173	273	-.0	
1	8 28	50.40	57.83 N 154.16 W	DEPTH = 73.0 KM			TELESEISMIC SOLUTION			KODIAK ISLAND REGION
01	8 49	58.39	51.39 N 179.69 W	DEPTH = 56.4 KM			FREE DEPTH SOLUTION			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	ASD	IP D	08 50 12.1	3.5	.1	2.58	68	271	-.0	
01	ASB	IP C	08 50 13.0	2.5	.1	2.46	74	268	.2	
		IS	08 50 23.4						.0	
01	SSI	IP C	08 50 13.0				75	319	.1	
01	AND	IP C	08 50 14.7				96	282	-.5	
01	ANA	EP	08 50 18.0				118	284	.3	
01	14 15	36.20	22.31 S 171.61 E	DEPTH = 148.0 KM			TELESEISMIC SOLUTION			LOYALTY ISLANDS REGION
01	ADK	EP	14 26 59.7				8293	7	5.6MS	
01	15 17	12.24	51.15 N 179.95 E	DEPTH = 37.5 KM			FREE DEPTH SOLUTION			RAT ISLANDS, ALEUTIAN ISLANDS
01	ASD	IP D	15 17 22.2	1.8	.1	2.13	50	302	-.1	
01	ASB	IP C	15 17 22.8				54	296	-.0	
		ES	15 17 30.5						-.0	
01	ASC	IP C	15 17 24.4				65	303	.2	
01	SSI	EP D	15 17 27.2				86	343	-.0	
01	ANA	EP	15 17 29.6				104	301	-.1	
01	RAT	EP	15 17 33.5				134	303	.1	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
01	21 54	1.73	51.65 N 179.21 E	DEPTH = 15.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
01	AND	IP C	21 54	6.1			20	241	-.1	
01	ASC	IP C	21 54	6.4			21	188	.1	
01	ASD	EP	21 54	7.5	6.7	.1 2.46	30	162	-.1	
01	ASB	EP	21 54	7.9	9.4	.1 2.63	32	175	-.0	
		IS	21 54	12.6					.2	
01	SSI	EP	21 54	8.7			37	44	.0	
01	ANA	IP D	21 54	8.8			38	266	.1	
.....										
1	23 1	27.40	62.90 N 150.86 W	DEPTH = 97.0 KM MB = 3.7			TELESEISMIC SOLUTION			
CENTRAL ALASKA										
.....										
01	ADK	EP D	23 39	15.1						
		ES	23 39	24.1						
01	ASD	EP	23 39	38.5	8.5	.2				
01	ASB	EP	23 39	39.4	3.0	.1				
		E(S)	23 40	21.3						
01	ASC	IP C	23 39	40.9						
01	AND	E(P)	23 39	43.5						
01	ANA	E(P)	23 39	46.3						
02	ADK	EP	00 00	37.6						
		ES	00 00	49.3						
02	ADK	EP	00 18	27.1						
		ES	00 18	38.8						
.....										
02	2 24	35.72	51.52 N 179.24 E	DEPTH = 59.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ASB	EPG	02 24	44.8	10.8	.1 2.90	17	179	-.2	
		IS	02 24	51.7					-.1	
02	ASC	EPG	02 24	44.8			8	223	.1	
02	ASD	EPG	02 24	44.9	4.9	.1 2.55	15	153	-.0	
		IS	02 24	51.8					.2	
02	AND	EPG	02 24	45.2			21	285	.1	
02	ANA	EPG	02 24	46.7			42	287	.1	
02	SSI	IPGD	02 24	47.3			48	30	.2	
		ES	02 24	55.2					-.2	
02	RAT	IPGD	02 24	49.2			70	297	-.1	
.....										
02	3 47	55.97	51.02 N 179.45 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IP D	03 48	3.9	265.3	.2 3.90	42	350	-.1	
		ES	03 48	9.4					-.4	
02	ASB	IP D	03 48	4.0	239.0	.2 3.84	40	340	.2	
		ES	03 48	9.9					.4	
02	ASC	IP D	03 48	5.7			53	338	.1	
02	AND	IP D	03 48	7.9			70	330	-.0	
02	ANA	EP	03 48	10.3			87	321	-.2	
.....										
02	6 8	27.30	51.43 N 177.21 W	DEPTH = 43.0 KM MB = 6.0 MS = 7.1			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
02	ADK	IP D	06 08	39.8			62	36	.6	FELT. 7.1MS
02	SSI	IP C	06 09	.4			227	284	.9	
02	ASD	IP C	06 09	1.3			239	270	.2	MAIN SHOCK
02	ASB	IP C	06 09	2.0			246	270	.1	MAGNITUDE 7.1

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 02	ASC	EP	06 09 3.1				251	272	.5	ALL TRACES O.L.
. 02	AND	EP	06 09 5.5				266	275	1.1	
. 02	ANA	EP	06 09 8.0				286	276	1.1	
. 02	RAT	EP	06 09 11.0				311	279	1.1	
. 02	SMY	EP	06 09 48.2				611	287	1.2	
. 02	CSA	EP	06 10 25.2				897	62	2.9	
. 02	GMA	EP	06 12 16.4				1811	24	1.3	
.....										
. 02	6 14 43.40	51.33 N 177.11 W	DEPTH = 44.0 KM	MB = 5.2	TELESEISMIC SOLUTION					
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
. 02	ADK	EP	06 14 56.2				69	25	.1	
		ES	06 15 6.1						.7	
. 02	SSI	EP	06 15 17.5				237	287	.6	QP
. 02	ASD	IP	06 15 18.6				247	273	.5	AFTERSHOCK
. 02	ASB	EP	06 15 19.4				253	272	.5	ALL TRACES O.L.
		E	06 15 54.2							
. 02	ASC	EP	06 15 20.3				259	275	.7	
. 02	AND	EP	06 15 21.6				274	277	.1	
. 02	RAT	EP	06 15 27.8				320	281	.7	
.....										
. 02	SSI	IP	06 21 10.4	17.7	.1					
. 02	ASD	EP	06 21 12.6	6.3	.1					
. 02	ASB	EP	06 21 13.9	16.1	.2					AFTERSHOCK
		E(S)	06 21 42.7							
		E(L)	06 21 47.2							
. 02	ASC	EP	06 21 15.6							
. 02	AND	EP	06 21 17.4							
. 02	ANA	EP	06 21 19.9							
. 02	RAT	EP	06 21 21.3	32.7	.2					
.....										
. 02	SSI	IP	06 23 20.7	10.6	.1					
. 02	ASD	EP	06 23 21.2	5.2	.1					
. 02	ASB	EP	06 23 22.2	15.9	.2					AFTERSHOCK
		E(S)	06 23 52.5							
. 02	ASC	EP	06 23 23.2							
. 02	AND	EP	06 23 26.6							
. 02	ANA	EP	06 23 28.0							
. 02	RAT	EP	06 23 31.1	36.8	.2					
.....										
. 02	6 24 37.70	51.39 N 177.02 W	DEPTH = 49.0 KM	MB = 4.6	TELESEISMIC SOLUTION					
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
. 02	ADK	EP	06 24 49.8				60	23	.2	
		ES	06 24 59.4						1.2	
. 02	SSI	EP	06 25 12.0	67.4	.1		241	285	.3	
		E(S)	06 25 40.7						4.2	
. 02	ASD	EP	06 25 13.2	61.5	.2		252	272	.1	AFTERSHOCK
. 02	ASB	EP	06 25 14.1	36.0	.1		259	271	.2	
		E(S)	06 25 43.8						3.4	
. 02	ASC	EP	06 25 15.4				265	273	.8	
. 02	AND	EP	06 25 17.2				280	276	.7	
. 02	ANA	EP	06 25 19.6				300	277	.6	
. 02	RAT	EP	06 25 23.4	95.0	.2		325	280	1.4	
.....										
. 02	ADK	EP	06 26 11.3							
		ES	06 26 20.9							
.....										
. 02	ADK	EP	06 27 44.4							
		ES	06 27 53.8							
. 02	SSI	IP	06 28 6.1	56.3	.1					
. 02	ASD	EP	06 28 6.4	51.2	.2					
. 02	ASB	EP	06 28 7.7	55.4	.2					AFTERSHOCK
		E(S)	06 28 39.0							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	ASC	EP	06 28 8.5							
02	AND	EP	06 28 11.5							
02	ANA	EP	06 28 13.2							
02	RAT	EP	06 28 16.5	74.4	.2					
02	ADK	EP	06 39 17.4							
		ES	06 39 26.5							
02	SSI	IP	06 39 39.0							WHITE OUT
02	ASD	EP	06 39 39.5							AFTERSHOCK
02	ASB	EP	06 39 40.4	232.1	.2					
		E(S)	06 40 11.0							
02	ASC	EP	06 39 41.7							
02	AND	EP	06 39 43.8							
02	ANA	EP	06 39 46.3							
02	RAT	EP	06 39 49.7							
.....										
02	6 55 55.77		51.60 N 179.75 E	DEPTH = 25.0 KM					FIXED DEPTH SOLUTION	
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	ASD	EPGD	06 56 2.8	1.7	.1	1.96	36	231	-.2	LOCAL
		ES	06 56 8.3						-.0	
02	ASB	EPGC	06 56 3.9	3.2	.1	2.29	44	233	-.1	QDIR
		ES	06 56 10.0						-.0	
02	ASC	EPG	06 56 5.0				43	250	1.0	
02	AND	EPG	06 56 5.2				55	266	-.5	QP
.....										
02	SSI	EP	07 04 29.5	30.6	.1					
02	ASD	EP	07 04 30.9	25.3	.2					AFTERSHOCK
02	ASB	EP	07 04 31.8	30.1	.1					
		E(S)	07 05 3.7							
02	ASC	EP	07 04 32.7							
02	AND	EP	07 04 34.9							
02	ANA	EP	07 04 36.9							
02	RAT	EP	07 04 40.0	46.3	.2					
02	SSI	EP	07 10 10.5	76.0	.2					
02	ASD	EP	07 10 11.5	24.2	.2					AFTERSHOCK
02	ASB	EP	07 10 13.2	34.0	.2					
		ES	07 10 42.4							
02	ASC	EP	07 10 14.3							
02	AND	EP	07 10 15.5							
02	ANA	EP	07 10 18.4							
02	RAT	EP	07 10 22.3	93.0	.3					
.....										
02	7 29 33.70		51.33 N 176.90 W	DEPTH = 46.0 KM MB = 4.3					TELESEISMIC SOLUTION	
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
02	ADK	EP	07 29 45.8				63	13	-.0	
		ES	07 29 54.9						.3	
02	SSI	IP D	07 30 9.4	125.4	.2		251	286	.5	
02	ASD	EP	07 30 10.5	95.3	.3		262	273	.3	AFTERSHOCK
02	ASB	EP	07 30 11.1	139.9	.3		268	272	.0	
02	ASC	EP	07 30 12.6				274	275	.8	
		E	07 30 48.2							
02	AND	EP	07 30 14.7				289	277	1.1	
02	ANA	EP	07 30 17.2				310	278	1.0	
02	RAT	EP	07 30 20.3	179.7	.3		334	281	1.1	
.....										
02	ASD	EP	07 40 34.6	3.4	.1					AFTERSHOCK
02	SSI	EP	07 40 34.9	24.4	.1					
02	ASB	EP	07 40 35.5	8.8	.2					
		E(S)	07 41 12.5							
02	ASC	EP	07 40 36.7							
02	RAT	EP	07 40 47.5	56.5	.3					QP

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
. 02	8	4	42.51	51.50 N	178.65 W	DEPTH = 50.0 KM				FIXED DEPTH SOLUTION
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
. 02	SSI	IP	08 05 2.7	16.7	.1	3.41	129	290	-.0	
		ES	08 05 17.5						-.0	
. 02	ASD	EP	08 05 3.9	2.4	.1	2.59	140	266	-.2	LOCAL
		IS	08 05 19.9						.1	
. 02	ASB	EP	08 05 4.9	3.4	.1	2.77	147	265	-.0	
		IS	08 05 21.2						-.1	
. 02	ASC	EP	08 05 5.7				152	269	.2	
. 02	ANA	EP	08 05 9.9				187	275	.1	
.....										
. 02	8	18	32.90	51.39 N	176.86 W	DEPTH = 39.0 KM MB = 4.4				TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
. 02	SSI	EP	08 19 8.7	84.1	.2		252	284	.2	
		E(S)	08 19 38.5						4.1	
. 02	ASD	EPN	08 19 9.8				264	271	-.2	IP PROB.P STAR
		IP	08 19 11.0	26.9	.1					
. 02	ASB	EPN	08 19 11.0				271	271	.2	
		IP	08 19 11.9	84.5	.2					
		E(S)	08 19 41.3						2.8	
. 02	ASC	EPN	08 19 11.9				276	273	.4	
		IP	08 19 12.9							
. 02	AND	EP	08 19 13.9				291	275	.6	
. 02	ANA	EP	08 19 16.4				311	277	.6	
. 02	RAT	EP	08 19 19.7	92.6	.2		336	280	.9	
.....										
. 02	8	31	50.40	51.21 N	176.85 W	DEPTH = 54.0 KM MB = 4.3				TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
. 02	ADK	EP	08 32 4.4				76	9	.1	
		ES	08 32 14.6						.1	
. 02	ASD	EP	08 32 27.3	32.3	.2		266	276	-.2	AFTERSHOCK
. 02	SSI	IP	08 32 27.7				258	289	1.2	
. 02	ASB	EP	08 32 28.3	39.8	.2		272	275	.0	
		E	08 33 8.8							
. 02	ASC	EP	08 32 29.2				279	277	.1	
. 02	AND	EP	08 32 31.7				294	279	.7	
. 02	ANA	EP	08 32 34.5				315	280	.9	
. 02	RAT	EP	08 32 37.7	130.1	.3		340	283	1.0	
.....										
. 02	SSI	IP	08 41 51.9	19.1	.1					
. 02	ASD	EP	08 41 52.8	19.9	.2					
		E(S)	08 42 23.5							
. 02	ASB	EP	08 41 53.6	10.3	.1					
. 02	ASC	EP	08 41 55.1							
. 02	RAT	EP	08 42 3.0	22.3	.2					
. 02	ADK	EP	08 42 7.5							4.2 ML
		ES	08 42 17.3							
. 02	GMA	EP	08 45 47.2							
.....										
. 02	9	8	59.20	51.54 N	177.21 W	DEPTH = 47.0 KM MB = 5.3				TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIANS ISLANDS						
. 02	ADK	IP D	09 09 11.2				52	44	1.1	FELT 5.0 ML
		ES	09 09 20.9						2.8	
. 02	SSI	IP	09 09 31.8				224	281	.7	WHITE OUT
. 02	ASD	EP	09 09 32.9				240	267	-.1	
. 02	ASB	EP	09 09 33.9	996.1	.3		247	267	.0	
. 02	ASC	EP	09 09 34.7				251	269	.2	
. 02	AND	EP	09 09 36.8				265	272	.6	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	ANA	EP	09 09 39.8				286	273	1.1	
02	RAT	EP	09 09 42.8				309	277	1.2	
02	SMY	E(P)	09 10 19.0				608	286	.5	
02	CSA	E(P)	09 10 56.5				891	63	3.0	
02	GMA	EP	09 12 47.0				1800	24	1.4	

02 9 43 49.99 51.05 N 177.81 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

02	RAT	IP C	09 44 4.7	25.8	.1	3.45	90	23	-.4	
		IS	09 44 15.5						-.5	
02	ANA	EP	09 44 5.1				87	43	.6	
		ES	09 44 15.9						.8	
02	AND	IP	09 44 6.1				97	54	-.0	
02	ASB	IP	09 44 7.3	16.2	.1	3.30	106	71	-.0	
		ES	09 44 19.4						-.6	
02	ASC	EP	09 44 7.5				105	64	.3	
02	ASD	EP	09 44 8.2				113	70	-.2	
02	SSI	IP	09 44 14.6	19.1	.1	3.52	154	52	-.1	

02	ADK	EP D	10 22 29.8							
		ES	10 22 40.7							
02	ASD	EP	10 22 52.1	23.7	.1					
		E(L)	10 23 28.5							
02	SSI	IP	10 22 52.4							
		I	10 22 54.3	56.3	.1					
02	ASB	EP	10 22 53.2	53.3	.2					
02	ASC	EP	10 22 54.5							
02	AND	EP	10 22 56.4							
02	ANA	EP	10 22 59.0							
02	RAT	EP	10 23 2.2	11.0	.3					

QP

02 10 54 49.90 51.41 N 177.27 W DEPTH = 44.0 KM MB = 3.7 TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIANS ISLANDS

02	SSI	EP	10 55 21.8	14.6	.1		223	285	.1	
02	ASD	EP	10 55 23.6	13.3	.2		235	271	.4	
02	ASB	EP	10 55 24.3	17.4	.2		242	270	.3	
		E(S)	10 55 53.9						5.0	
02	ASC	EP	10 55 25.4				247	273	.7	
02	ANA	EP	10 55 29.5				283	276	.5	
02	RAT	EP	10 55 32.9	13.3	.1		307	280	.9	

02 11 16 4.10 51.27 N 179.85 E DEPTH = 27.0 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

02	ASD	IPGD	11 16 11.6	6.4	.1	2.56	38	291	-.1	LOCAL
		ES	11 16 17.0						-.3	
02	ASB	IPGD	11 16 12.6	9.4	.1	2.76	43	284	.2	
		ES	11 16 18.7						.2	
02	ASO	IPGD	11 16 13.9				52	294	.2	
02	AND	EPG	11 16 16.3				70	298	.0	
02	SSI	IPGD	11 16 16.4	8.4	.1	2.88	72	345	-.1	
		ES	11 16 25.7						.2	
02	ANA	EPG	11 16 19.5				92	296	.1	
02	RAT	EP	11 16 23.6	7.5	.1	3.02	121	300	-.2	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PÉR (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	11 30 55.14		51.68 N 177.81 E	DEPTH = 66.2 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	RAT	IP D	11 31 6.3	9.0	.1	2.91	38	69	-.0	
		ES	11 31 14.2						-.3	
02	ANA	IP	11 31 8.2				59	95	.2	
		ES	11 31 17.7						.2	
02	AND	EP	11 31 10.3				80	99	.1	
02	ASB	EP	11 31 12.7	1.7	.1	2.38	105	109	-.3	
02	ASD	EP	11 31 13.6	.8	.1	2.08	111	106	-.0	
02	SSI	IP D	11 31 15.3	5.7	.1	2.95	125	78	.1	
		ES	11 31 29.8						-.1	
02	11 42 10.90		51.43 N 178.82 E	DEPTH = 41.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	AND	EPG	11 42 18.1				17	32	-.1	
02	ANA	IPGC	11 42 18.6				25	333	-.1	
02	ASC	EPG	11 42 19.0				24	81	.4	
02	ASB	EPG	11 42 19.1	1.2	.1	1.87	31	104	-.1	
		ES	11 42 25.1						-.1	
02	ASD	EPG	11 42 19.8	1.1	.1	1.87	36	96	.0	LOCAL
		ES	11 42 26.1						-.1	
02	SSI	IPG	11 42 24.2	5.4	.1	2.73	74	46	-.1	
		ES	11 42 34.1						.1	
02	12 1 37.20		51.20 N 177.24 W	DEPTH = 33.0 KM			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
02	SSI	EP	12 02 10.6	17.6	.1		233	291	-.4	
02	ASD	EP	12 02 11.2	3.6	.1		239	276	-.5	
02	ASB	EP	12 02 12.5	4.6	.1		245	276	-.0	
		E(S)	12 02 40.4						2.1	
02	ANA	EP	12 02 17.9				289	281	.0	
02	RAT	EP	12 02 21.3	15.3	.1		314	284	.3	QP
02	ADK	EP	12 41 55.1							
		ES	12 42 4.8							
02	ASD	EP	12 42 18.6	5.5	.1					
02	SSI	EP	12 42 18.6	42.6	.2					
02	ASB	EP	12 42 19.3	17.3	.2					
		E(S)	12 42 59.5							
02	ASC	EP	12 42 20.8							
02	AND	EP	12 42 22.6							
02	ANA	EP	12 42 25.1							
02	RAT	EP	12 42 28.6	43.4	.3					
02	13 16 11.07		51.69 N 179.33 E	DEPTH = 83.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
02	AND	EPG	13 16 23.5				30	242	-.2	
02	SSI	IP D	13 16 23.6	119.7	.1	4.09	29	38	-.0	
		ES	13 16 32.8						.0	
02	ASC	EPG	13 16 23.7				28	204	.1	
02	ASD	IPG	13 16 23.8	12.6	.1	3.12	33	179	-.0	LOCAL
		ES								

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RAT ISLANDS, ALEUTIAN ISLANDS										FREE DEPTH SOLUTION
02			14 14 22.97	52.15 N	178.15 E	DEPTH = 178.3 KM				
02	RAT	EP	14 14 46.9	10.7	.1	3.33	41	162	-2	
02	ANA	IP	14 14 48.2				68	148	.0	
		ES	14 15 7.0						.5	
02	AND	EP	14 14 48.9				86	139	-2	
02	SSI	EP	14 14 50.1	12.2	.2	3.13	103	105	-0	
02	ASC	EP	14 14 50.5				104	137	.3	
02	ASB	EP	14 14 51.0	3.0	.1	2.83	116	139	.0	
		ES	14 15 11.0						-5	
02	ASD	EP	14 14 51.2	2.7	.1	2.78	118	135	.1	

TELESEISMIC SOLUTION									
G2	14 22 4.00	51.34 N	177.18 W	DEPTH = 35.0 KM	MB = 4.3				
ANDREANOF ISLANDS, ALEUTIANS ISLANDS									
G2	ADK	EP D	14 22 16.8			70	29	.3	
		ES	14 22 26.7					1.1	
G2	SSI	IP	14 22 37.4	117.3	.2	232	287	-1.1	
		E(S)	14 23 4.8					2.9	
G2	ASD	IPN	14 22 38.2			242	273	-1.5	
		EPG	14 22 41.7	73.6	.2				
		E(S)	14 23 8.1					4.1	
G2	ASB	IP	14 22 39.0	89.8	.2	248	272	-1.5	
G2	ASC	IP	14 22 40.1			254	275	-1.1	
G2	AND	EP	14 22 42.6			269	277	.5	
G2	ANA	IP	14 22 44.9			290	278	.2	
G2	RAT	EP	14 22 48.0	109.9	.2	315	281	.3	

02	ADK	EP	15	41	26.0		
		ES	15	41	36.4		
02	SSI	EP	15	41	47.6	39.8	.2
02	ASD	EPN	15	41	48.1		
		EPG)	15	41	51.8	9.8	.1
		E(S)	15	42	15.5		
02	ASB	EPN	15	41	48.8		
		IPG)	15	41	53.0	49.2	.2
02	ASC	EP	15	41	50.3		
02	AND	EP	15	41	52.3		
02	ANA	EP	15	41	55.1		
02	RAT	EP	15	41	58.3	55.4	.2

FREE DEPTH SOLUTION										
02	16 45 10.28	51.48 N 179.44 E	DEPTH = 16.7 KM							
RAT ISLANDS, ALEUTIAN ISLANDS										
02	ASD	IPGC	16 45 13.7	7.0	.1	2.26	11	215	-.1	LOCAL
02	ASB	IPGC	16 45 14.6	9.1	.1	2.46	18	226	.0	
		IS	16 45 17.7						.0	
02	ASC	EPG	16 45 14.7				19	266	.1	
02	SSI	IPG	16 45 18.8	3.3	.1	2.31	48	13	.0	
		IS	16 45 24.9						-.0	
02	ANA	EPG	16 45 20.0				56	288	-.1	

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. 02      17 19 47.43  51.53 N 179.70 E DEPTH = 2.3 KM      FREE DEPTH SOLUTION
.      RAT ISLANDS, ALEUTIAN ISLANDS
.
. 02      ASD  EPG  17 19 52.9      1.5  .1  1.76      29 238      .1      LOCAL
. 02      ASB  EPG  17 19 53.9      1.4  .1  1.81      37 239      -.2
.      IS      17 19 58.9                      .1
. 02      ASC  EPG  17 19 54.4                      38 259      .1      QP
. 02      SSI  EPG  17 19 54.9      2.4  .1  2.09      41 349      .0
.      ES      17 20   .3                      -.0

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	17 30	24.29	52.25 N 178.54 E	DEPTH = 126.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	RAT	IP	17 30 42.7	7.2	.1	3.04	52	196	-.1	
02	ANA	IP	17 30 43.9				69	173	.1	
		ES	17 30 58.0						-.0	
02	ASB	EP	17 30 46.8				110	153	-.1	
02	ASD	EP	17 30 46.9	.7	.1	2.11	110	149	.0	
02	ASD	EP	17 53 41.7	3.2	.1					
02	SSI	IP D	17 53 41.9	14.2	.1					
02	ASB	EP	17 53 42.6	16.7	.2					
		E(S)	17 54 19.1							
02	ASC	EP	17 53 43.7							
02	ANA	EP	17 53 48.5							
02	RAT	EP	17 53 51.8	26.6	.2					
02	ADK	EP D	18 01 5.5							
		ES	18 01 15.3							
02	SSI	IP C	18 01 25.1	47.4	.1					
		E(S)	18 01 52.7							
02	ASD	EP	18 01 26.1	19.6	.1					
02	ASB	EP	18 01 27.2	36.5	.2					
		E(S)	18 01 56.7							
02	ASC	EP	18 01 28.3							
02	AND	EP	18 01 30.2							
02	ANA	EP	18 01 33.7							
02	RAT	EP	18 01 35.5							
02	18 29	49.83	50.90 N 179.90 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
02	ASD	IPGD	18 30 3.0	4.3	.1	2.61	76	316	.2	LOCAL
		ES	18 30 12.7						.4	
02	ASB	IPGC	18 30 3.0	3.1	.2	2.18	79	311	-.2	
		ES	18 30 12.5						-.4	
02	ASC	EPG	18 30 5.1				91	314	.1	
02	SSI	IP	18 30 8.7	14.1	.1	3.28	116	342	-.1	
		ES	18 30 22.6						.0	
02	18 38	25.68	50.30 N 178.29 E	DEPTH = 18.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
02	ASB	EP	18 38 47.6	7.2	.2	2.74	136	29	.1	
		ES	18 39 3.3						-.2	
02	ASD	EP	18 38 48.3	2.5	.1	2.60	142	31	-.2	
02	ASC	EP	18 38 48.9				143	25	.2	
02	AND	EP	18 38 49.4				148	18	.0	
02	ANA	EP	18 38 49.9				150	10	.2	
02	RAT	EP	18 38 51.9	2.5	.1	2.66	167	1	-.3	QP
		ES	18 39 11.7						.1	
02	SSI	EP	18 38 56.6	16.8	.1	3.56	199	27	.0	
02	ADK	EP	21 08 59.8							
		ES	21 09 7.9							
02	SSI	IP	21 09 25.1	25.8	.2					
02	ASD	EP	21 09 25.3	14.8	.2					
02	ASB	EP	21 09 26.1	19.9	.2					
		E(S)	21 10 10.8							
02	ASC	EP	21 09 27.1							
02	AND	EP	21 09 29.4							
02	ANA	EP	21 09 31.8							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
02	SSI	EP	21 59 44.4	10.4	.1					
		E(S)	22 00 22.3							
02	ASD	EP	21 59 44.6	2.5	.1					QP
		E(S)	22 00 28.1							
02	ASB	EP	21 59 45.4	6.6	.2					QP
02	ASC	EP	21 59 46.4							QP
02	AND	EP	21 59 48.8							QP
02	ANA	EP	21 59 51.3							QP
02	SSI	IP	22 13 43.5	24.4	.1					
02	ASD	IP	22 13 44.3	6.7	.1					
02	ASB	EP	22 13 45.0	37.3	.2					
		ES	22 14 13.3							
02	ASC	EP	22 13 46.3							
02	AND	EP	22 13 49.0							
02	ANA	EP	22 13 50.9							
02	ASD	EP	22 48 6.4	1.7	.1	2.40				
		IS	22 48 21.0							
02	SSI	IP D	22 48 7.1	18.2	.1	3.44				
		ES	22 48 21.8							
02	ASB	EP	22 48 7.7	2.3	.1	2.56				
		ES	22 48 23.3							
02	ASC	EP	22 48 8.9							QP
02	AND	EP	22 48 11.0							QP
02	ANA	EP	22 48 13.5							QP
.....										
02	22 56 44.15	51.87 N 177.04 E DEPTH = 175.0 KM							FIXED DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
02	ANA	EP	22 57 11.7				115	103	-.1	
02	AND	EP	22 57 13.5				136	104	.1	
02	ASC	EP	22 57 14.8				154	106	-.0	
02	ASB	EP	22 57 15.7	6.1	.4	2.59	163	110	.1	
02	ASD	EP	22 57 15.9	9.1	.3	2.89	168	108	-.1	TELE
02	SSI	EP	22 57 16.7	14.8	.3	3.11	175	88	.0	
.....										
03	ADK	EP D	00 04 48.3							
		ES	00 04 57.4							
03	ASD	EP	00 05 13.8							
03	SSI	IP	00 05 14.0	57.2	.2					
		E(S)	00 05 53.1							
03	ASB	EP	00 05 14.8							
		ES	00 05 58.8							
03	ASC	EP	00 05 16.0							
03	ANA	EP	00 05 20.0							
03	RAT	EP	00 05 24.0	74.4	.4					
.....										
03	0 12 13.39	51.42 N 179.87 W DEPTH = 25.0 KM							FIXED DEPTH SOLUTION	
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
03	ASD	IP	00 12 23.0				55	267	-.2	
		I(S)	00 12 30.4						-.0	
03	ASB	IP	00 12 24.4				62	265	.2	
03	ASC	IP	00 12 25.1				67	275	.1	
.....										
03	ANA	EP	00 44 6.6							
		IS	00 44 15.6							
03	SSI	IP D	00 44 7.3	7.3	.1	2.85				
		IS	00 44 16.5							
03	RAT	EP	00 44 8.4							
03	ASB	EP	00 44 16.0							
03	ASD	EP	00 44 16.1							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
03	1 54	30.70	51.42 N 178.78 E	DEPTH = 46.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	AND	IP	01 54 38.7				20	37	.1	
03	ANA	IP	01 54 39.1				25	341	.2	
03	ASC	EP	01 54 39.4				27	79	.3	
03	ASB	EP	01 54 39.6	2.7	.1	2.27	33	101	.0	
		ES	01 54 45.5						-.6	
03	ASD	IP	01 54 40.2	3.6	.1	2.42	39	94	.0	
03	RAT	IP D	01 54 41.3				53	324	-.3	
03	SSI	EP	01 54 44.5				77	46	.0	
		IS	01 54 54.5						-.0	
.....										
03	SSI	IP	03 10 18.0							
03	ASD	EP	03 10 19.9							
03	ASB	EP	03 10 20.1							INTERFERENCE ON DEVELOPORDER.
		ES	03 10 51.0							
03	ASC	EP	03 10 22.2							
03	AND	EP	03 10 22.7							
03	ANA	EP	03 10 25.4							
03	RAT	EP	03 10 28.5							
03	SSI	EP	04 17 0.0	5.9	.1					
03	ASD	EP	04 17 1.8	4.9	.1					
03	ASB	EP	04 17 1.8							
		ES	04 17 29.4							
03	ASC	EP	04 17 2.8							
03	AND	EP	04 17 6.4							
03	ANA	EP	04 17 7.3							
03	RAT	EP	04 17 10.5	7.7	.1					
.....										
03	4 32	13.33	51.22 N 178.82 E	DEPTH = 23.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
03	ASB	EP	04 32 20.2	2.3	.1	2.07	34	62	.0	
		ES	04 32 25.3						.2	
03	ASC	EP	04 32 20.6				37	41	.1	
03	AND	EP	04 32 20.6				40	14	-.3	
03	ASD	EP	04 32 21.3				41	62	.1	
03	ANA	IP	04 32 21.5				47	347	-.5	
03	RAT	EP	04 32 26.5	7.7	.1	2.84	73	333	.7	
03	SSI	IP C	04 32 28.3	6.1	.1	2.83	92	35	-.3	
		IS	04 32 40.2						.4	
.....										
03	ADK	EP	04 48 45.0							
		ES	04 48 53.5							
03	ASD	EP	04 49 10.3							
		ES	04 49 54.3							
03	SSI	EP	04 49 10.3							
03	ASB	EP	04 49 11.3							
03	ASC	EP	04 49 12.5							
03	AND	EP	04 49 14.6							
03	ANA	EP	04 49 17.0							
03	RAT	EP	04 49 20.3							
03	ADK	EP D	04 55 9.7							
		ES	04 55 19.0							
03	ASD	EP	04 55 34.6							
		ES	04 56 14.7							
03	SSI	EP	04 55 34.6							
03	ASB	EP	04 55 35.8							
03	ASC	EP	04 55 36.8							
03	AND	EP	04 55 39.3							
03	ANA	EP	04 55 40.8							
03	RAT	EP	04 55 44.6							

INTERFERENCE ON
DEVELOPORDER.

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	ADK	EP	05 06 6.0							
		ES	05 06 13.6							
03	SSI	EP	05 06 31.4							
		ES	05 07 11.3							
03	ASD	EP	05 06 31.5							
		ES	05 07 12.6							
03	ASB	EP	05 06 32.4							
03	ASC	EP	05 06 33.7							
03	AND	EP	05 06 36.4							
03	ANA	EP	05 06 38.9							
03	RAT	EP	05 06 41.5							
03	ASD	EP	05 28 4.4	8.8	.1	3.14				
		IS	05 28 19.9							
03	SSI	IP	05 28 4.6							
		IS	05 28 18.8							
03	ASB	EP	05 28 5.3	11.0	.1	3.25				
		ES	05 28 21.3							
03	ASC	IP	05 28 6.5							
03	AND	EP	05 28 8.6							
03	ANA	EP	05 28 11.2							
03	ADK	EP	05 32 32.2							
		ES	05 32 41.7							
03	ASD	EP	05 32 57.9							
03	SSI	IP	05 32 58.1							
		ES	05 33 36.3							
03	ASB	EP	05 32 59.1							
		ES	05 33 42.4							
03	ASC	EP	05 33 0.0							
03	AND	EP	05 33 1.8							
03	ANA	EP	05 33 4.8							

.....

03	5 49 34.80	51.09 N 178.60 E	DEPTH = 28.0 KM	MB = 4.2	TELESEISMIC SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS					
03	ASB	IP C	05 49 44.9	54 56	.2
		ES	05 49 50.2		-1.7
03	ASC	IP D	05 49 45.4	57 44	.3
03	AND	IP D	05 49 45.4	58 25	.2
03	ASD	IP C	05 49 45.7	62 57	-1.1
03	ANA	IP D	05 49 46.0	60 4	.5
03	RAT	IP D	05 49 48.7	81 347	.1
03	SSI	IP D	05 49 53.3	112 37	.1

.....

03	RAT	IP D	06 19 26.6	3.8	.1	2.64
		IS	06 19 37.5			
03	ANA	IP	06 19 30.3			
03	AND	EP	06 19 33.2			
		I	06 19 34.4			
03	ASC	EP	06 19 35.7			
03	ASB	EP	06 19 36.5			
		ES	06 19 54.4			
03	ASD	EP	06 19 37.2			
03	SSI	EP	06 19 38.6			

.....

03	6 22 22.71	51.57 N 178.79 E	DEPTH = 21.4 KM	FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS				
03	AND	IP	06 22 26.7	11 94 -1
		IS	06 22 29.6	-1
03	ANA	EP	06 22 26.9	11 305 .1
03	ASC	EP	06 22 28.9	28 114 .2
03	ASB	EP	06 22 30.0	39 126 -1
03	RAT	IP	06 22 30.3	41 309 -1

.....

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 03	ASD	EP	06 22 30.7				43	117	.0	
. 03	SSI	IP	06 22 33.9	2.4	.1	2.29	66	57	-.1	
.		IS	06 22 42.4						.2	
.....										
. 03	6 36	1.00	51.59 N 177.58 E	DEPTH = 63.4 KM			FREE DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 03	RAT	IP	06 36 13.3	24.8	.1	3.39	57	66	-.2	
.		ES	06 36 22.7						.1	
. 03	ANA	IP	06 36 15.5				75	87	.2	
. 03	AND	EP	06 36 17.4				95	92	-.2	
. 03	ASB	EP	06 36 20.2				119	102	-.1	
.		ES	06 36 34.2						-.2	
. 03	ASD	EP	06 36 21.2				124	100	.2	
.....										
03	SSI	IP	07 11 51.6	4.1	.1					
		IS	07 12 18.7							
03	ASD	EP	07 11 52.1							
03	ASB	EP	07 11 53.7							
		ES	07 12 24.8							
03	ASC	EP	07 11 54.6							
03	AND	EP	07 11 55.9							
03	ANA	EP	07 11 58.9							
.....										
. 03	8 8	41.52	52.05 N 179.59 E	DEPTH = 175.0 KM			FIXED DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 03	SSI	IP	08 09 4.8				18	181	.0	
. 03	ASD	EP	08 09 6.5				76	193	-.2	
. 03	ASC	EP	08 09 6.7				72	205	.2	
. 03	ASB	EP	08 09 7.0	1.9	.1	2.60	81	197	.0	
. 03	ANA	EP	08 09 7.0				80	234	.1	
. 03	RAT	IP	08 09 7.5				91	253	-.1	
.....										
03	RAT	IP	08 15 47.9	12.0	.1	3.22				
		IS	08 16 1.3							
03	ANA	IP	08 15 51.3							
03	AND	EP	08 15 53.7							
03	SSI	IP	08 15 59.8							
.....										
. 03	8 39	30.36	51.17 N 178.39 E	DEPTH = 27.4 KM			FREE DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 03	ANA	IP	08 39 40.5				54	21	.3	
. 03	AND	EP	08 39 40.8				59	42	-.1	
.		ES	08 39 48.4						-.1	
. 03	ASB	EP	08 39 41.5				63	71	-.1	
. 03	RAT	EP	08 39 42.3				70	357	-.2	
. 03	SSI	IP C	08 39 49.3	4.0	.1	2.73	115	46	.1	
.		IS	08 40 3.0						.0	
.....										
. 03	9 22	47.45	51.26 N 179.29 E	DEPTH = 46.7 KM			FREE DEPTH SOLUTION			
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 03	ASB	IP	09 22 54.9				11	346	-.1	
.		IS	09 23 .4						-.0	
. 03	ASD	IP C	09 22 55.1				15	15	-.0	
. 03	ASC	IP C	09 22 55.8				24	339	.2	
. 03	AND	IP	09 22 57.0				41	326	-.1	
.		IS	09 23 4.2						.1	
. 03	ANA	EP	09 22 59.3				59	313	.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	SSI	IP	09 23 .8	11.7	.1	3.07	73	16	-.0	
03	RAT	IP	09 23 2.7				89	312	-.0	
		ES	09 23 13.8						-.1	

03	RAT	IP C	09 34 18.6	39.7	.1					
03	ANA	IP	09 34 20.1							
03	AND	IP	09 34 21.2							
03	ASC	EP	09 34 22.6							
03	SSI	IP	09 34 23.1							
		IS	09 34 32.9							
03	ASB	EP	09 34 23.2	1.0	.1	2.24				
		ES	09 34 40.7							
03	ASD	EP	09 34 23.3	1.4	.1	2.39				

03 9 47 49.66 51.87 N 179.51 E DEPTH = 110.7 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

03	SSI	EP	09 48 4.9	7.8	.1	2.99	6	66	.0	
03	AND	EP	09 48 6.3				51	228	-.1	
03	ASC	EP	09 48 6.5				51	208	.1	
03	ASD	EP	09 48 6.5	3.6	.1	2.70	55	192	-.1	
03	ASB	EP	09 48 6.9	2.4	.1	2.53	60	198	.0	
		ES	09 48 19.4						-.1	
03	ANA	IP C	09 48 7.4				64	245	.2	
03	RAT	EP	09 48 8.3				81	265	-.2	
		ES	09 48 22.2						.0	

03 10 17 26.02 51.42 N 178.79 E DEPTH = 44.5 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

03	AND	EP	10 17 33.6				19	36	-.1	
03	ANA	EP	10 17 34.2				25	339	.2	
03	ASC	EP	10 17 34.4				26	80	.2	
03	ASB	EP	10 17 34.6				32	102	-.1	
		ES	10 17 40.9						-.1	
03	ASD	EP	10 17 35.3	2.8	.1	2.29	38	95	.0	
03	RAT	EP	10 17 36.7				53	323	-.1	
03	SSI	EP	10 17 39.8				76	46	.1	
		IS	10 17 49.5						-.1	

03	SSI	EP	10 48 17.5	5.4	.1					
		ES	10 48 45.4							
03	RAT	EP	10 48 28.6							

03	SSI	EP	13 06 17.6							
03	ASD	EP	13 06 18.2							
		ES	13 06 52.2							
03	ASB	EP	13 06 19.9							
03	ASC	EP	13 06 20.4							
03	AND	EP	13 06 22.7							
03	ANA	EP	13 06 25.4							
03	RAT	EP	13 06 28.5							

3 13 45 52.90 60.50 N 151.85 W DEPTH = 71.0 KM MB = 3.8 TELESEISMIC SOLUTION
KENAI PENINSULA, ALASKA

03	SSI	EP	14 42 5.2							
03	ASD	EP	14 42 5.7	1.5	.1					
03	ASB	EP	14 42 7.4							
		ES	14 42 34.7							
03	ASC	EP	14 42 8.3							
03	AND	EP	14 42 10.1							
03	ANA	EP	14 42 12.4							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
03	RAT	EP	14 42 15.7							
03	14 59 10.40	51.44 N 179.98 E	DEPTH = 52.2 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	ASD	EP	14 59 21.0	1.1	.1	1.96	45	264	.1	
03	ASB	EP	14 59 21.6				52	261	.0	
		ES	14 59 29.4						-.3	
03	SSI	IP	14 59 21.9	2.4	.1	2.34	57	332	-.3	
		IS	14 59 31.0						.3	
03	ASC	EP	14 59 22.2				57	273	.1	
03	ADK	EP	18 57 6.0							
		ES	18 57 16.0							
03	SSI	EP	18 57 27.1							
		ES	18 57 54.9							
03	ASD	EP	18 57 28.0							
		ES	18 57 57.0							
03	ASB	EP	18 57 29.6							
03	ASC	EP	18 57 30.2							
03	AND	EP	18 57 32.4							
03	ANA	EP	18 57 34.0							
03	RAT	EP	18 57 38.1							
03	ADK	EP D	20 59 22.9							
		ES	20 59 32.6							
03	ASD	EP	20 59 43.6	15.0	.2					
03	SSI	IP C	20 59 43.7							
		ES	21 00 11.7							
03	ASB	EP	20 59 45.5							
		ES	21 00 12.2							
03	AND	EP	20 59 48.3							
03	ADK	EP	21 06 50.9							
		ES	21 07 1.0							
03	SSI	IP C	21 07 10.4							
		ES	21 07 37.4							
03	ASD	IP	21 07 12.0	5.5	.1					
03	ASB	EP	21 07 12.0	9.2	.1					
		ES	21 07 41.5							
03	AND	EP	21 07 15.4							
03	21 24 2.10	51.68 N 177.01 W	DEPTH = 52.0 KM MB = 4.3							TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
03	ADK	IP D	21 24 11.5				32	43	.1	
		ES	21 24 20.3						2.1	
03	SSI	EP	21 24 36.6				236	277	1.1	
		E	21 25 6.9							
03	ASD	EP	21 24 37.8				255	264	-.0	
		I	21 25 13.3							
03	ASB	EP	21 24 38.6				262	264	-.1	
03	AND	EP	21 24 41.8				280	269	.9	
03	RAT	EP	21 24 47.3				322	274	1.2	
03	23 50 43.49	52.06 N 179.63 E	DEPTH = 162.0 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
03	AND	EP	23 51 7.0				72	221	-.1	
03	ASD	EP	23 51 7.2	5.9	.1	3.06	77	195	-.1	
03	ASC	EP	23 51 7.3				74	206	.2	
03	ANA	EP	23 51 7.6				82	235	-.0	
03	ASB	EP	23 51 7.6	8.3	.1	3.21	82	199	-.0	
		ES	23 51 25.2						-.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
04	1	4	24.67	51.42 N 179.49 W DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
04	ASD	E(P)	01 04 38.6	1.0	.1	2.03	81	268	-.4	
04	ASB	EP	01 04 40.0	2.4	.1	2.44	88	266	.2	
		ES	01 04 50.9						-.0	
04	ASC	EP	01 04 41.0				93	273	.5	
04	AND	E(P)	01 04 42.2				109	279	-.2	
.....										
04	ADK	EP D	01 21 46.0							
04	ASD	E(P)	01 22 7.1	1.4	.1					EMERGENT START
		ES	01 22 41.2							
04	SSI	IP C	01 22 7.2							
04	ASB	E(P)	01 22 7.8							
		I	01 22 10.9							
04	ASC	E(P)	01 22 9.1							
04	RAT	E(P)	01 22 17.0							
.....										
04	1	30	58.98	51.08 N 178.41 W DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
04	ADK	EP	01 31 24.9				149	52	.9	
		ES	01 31 41.8						-.4	
04	ASD	E(P)	01 31 25.6	13.6	.1	3.38	161	283	-.2	
		ES	01 31 45.3						.1	
04	SSI	IP C	01 31 26.5				166	304	-.0	
04	ASB	E(P)	01 31 26.6				167	282	-.0	
04	ASC	EPG	01 31 28.0				175	285	.2	
		IP	01 31 29.9							
04	AND	E(P)	01 31 30.8				191	287	.4	
04	ANA	E(P)	01 31 33.3				213	288	-.3	
		EP	01 31 35.3							
.....										
04	2	4	32.60	6.61 S 105.37 E DEPTH = 69.0 KM MB = 6.1			TELESEISMIC SOLUTION			
SUNDA STRAIT										
04	ADK	EP C	02 17 14.8				9760	37		6.3 MS
		EL	02 45 40.0							
		ER	02 50 35.0							
.....										
04	2	18	29.77	50.94 N 179.43 E DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	ASD	IP D	02 18 38.8	7.6	.2	2.41	50	353	-.2	WHITEOUT
04	ASB	IP D	02 18 38.9				48	345	.2	
		ES	02 18 45.2						-.0	
04	ASC	IP C	02 18 40.6				61	342	.1	
04	AND	IP D	02 18 42.8				77	334	-.0	
04	ANA	IP D	02 18 45.2				93	325	-.1	
.....										
04	3	56	20.81	51.41 N 177.98 E DEPTH = 47.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	RAT	IP D	03 56 31.3	29.8	.1	3.38	49	29	-.1	
04	ANA	IP C	03 56 31.9				53	63	.1	
04	AND	IP	03 56 33.6				69	76	-.1	
04	ASC	EP	03 56 35.4				82	86	.1	
04	ASB	EP	03 56 35.9	5.9	.1	2.83	88	93	-.1	
04	ASD	IP D	03 56 36.7	5.9	.1	2.85	94	91	-.0	
		IS	03 56 48.3						-.1	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	SSI	IP	03 56 40.3				123	64	.0	
04	SSI	E(P)	04 03 20.2							
04	ASD	EP	04 03 22.1							
04	ASB	EP	04 03 23.0	17.6	.3					NOT A LOCAL
04	ASC	EP	04 03 23.8							
04	AND	E(P)	04 03 25.2							
04	ANA	E(P)	04 03 28.2							
04	RAT	E(P)	04 03 30.2							
04	ASD	E(P)	04 51 39.7	1.4	.2					DOUBTFUL S
		E(S)	04 52 23.8							
04	SSI	IP C	04 51 40.1	6.5	.2					
04	ASB	EP	04 51 40.7	2.9	.2					
04	ASC	EP	04 51 42.2							
04	ADK	EP D	03 41 26.9							
04	SSI	IP D	12 44 54.9	8.3	.1					
04	ASD	EP	12 44 58.1							NOT A LOCAL
04	ASB	EP	12 44 58.9	20.9	.2					
		E(S)	12 45 44.3							
04	ASC	E(P)	12 44 59.4							
04	AND	E(P)	12 45 .8							
04	ANA	E(P)	12 45 2.5							
04	RAT	EP	12 45 4.1	18.2	.2					
04	14 17 37.77	51.57 N 179.43 E	DEPTH = 74.8 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
04	ASD	EP	14 17 48.7	3.2	.1	2.46	21	197	-.2	
04	ASB	EP	14 17 49.2	2.0	.1	2.27	26	209	.0	
		ES	14 17 57.4						-.1	
04	ASC	EP	14 17 49.3				22	237	.3	
04	SSI	EP	14 17 49.8				38	17	-.0	
04	RAT	E(P)	14 17 53.3				80	289	-.1	
04	16 7 22.23	51.40 N 178.77 E	DEPTH = 45.5 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
04	AND	IP D	16 07 30.2				22	35	.0	
04	ANA	IP	16 07 30.7				26	343	.2	
04	ASC	EP	16 07 31.0				28	76	.4	
04	ASB	IP	16 07 31.1				33	97	.0	
		ES	16 07 36.9						-.6	
04	ASD	IP D	16 07 31.7	10.2	.1	2.87	40	91	.0	
04	RAT	IP D	16 07 32.9				54	326	-.3	
04	SSI	IP D	16 07 36.2				79	46	-.0	
04	16 14 30.53	51.32 N 179.56 W	DEPTH = 50.0 KM							FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
04	ASD	IP D	16 14 44.0	5.6	.1	2.77	77	277	-.4	
		IS	16 14 54.3						-.2	
04	ASB	EP	16 14 45.0	8.8	.1	2.99	83	274	-.1	
04	SSI	IP	16 14 45.4				87	318	-.2	
04	ASC	IP C	16 14 46.1				90	281	.1	
04	AND	E(P)	16 14 48.4				107	285	.4	
04	RAT	EP	16 14 54.3				155	291	.3	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
04	17 14	51.18	51.74 N 179.39 E	DEPTH = 98.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	SSI	EP	17 15 5.2	1.0	.1	2.06	21	38	-.0	
04	AND	IP D	17 15 5.7				36	237	-.1	
04	ASD	EP	17 15 5.8	.7	.1	1.93	39	185	-.1	
04	ASC	EP	17 15 6.0				35	207	.3	
		ES	17 15 16.3						-.0	
04	ASB	EP	17 15 6.1	1.5	.1	2.26	44	194	-.1	
04	RAT	EP D	17 15 8.2	2.2	.1	2.48	74	275	-.0	
.....										
04	18 12	21.01	51.89 N 177.77 E	DEPTH = 94.5 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	RAT	IP D	18 12 35.2				40	105	-.1	
04	ANA	IP D	18 12 37.4				68	115	.2	
04	AND	IP D	18 12 39.1				90	114	.0	
		IS	18 12 52.2						-.0	
04	ASC	IP D	18 12 41.0				108	116	.2	
04	ASB	EP C	18 12 41.7	4.0	.1	2.82	118	119	-.2	
04	ASD	IP D	18 12 42.2				122	116	-.1	
04	SSI	IP D	18 12 42.6				125	89	-.0	
.....										
04	18 20	25.28	50.14 N 178.36 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	ASB	EP	18 20 47.8	5.0	.1	2.94	149	24	-.2	
		ES	18 21 4.5						-.0	
04	ASD	EP	18 20 48.3	3.5	.1	2.80	155	26	-.4	
04	ASC	EP	18 20 48.8				157	21	-.2	
04	AND	IP C	18 20 49.6				163	15	-.1	
04	RAT	E(P)	18 20 52.3				184	359	.0	
04	SSI	IP D	18 20 56.7				213	23	.9	
.....										
04	ADK	EP	18 46 23.0							
		ES	18 46 32.8							
.....										
04	19 11	29.17	50.44 N 177.02 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
04	RAT	EP	19 11 58.1				177	31	-.3	
04	ANA	EP	19 11 58.4				175	40	.3	
04	AND	EP	19 11 59.3				184	47	-.2	
04	ASB	IP D	19 11 59.8	20.2	.2	3.31	187	56	-.1	
		IS	19 12 22.4						.1	
04	ASC	IP D	19 12 .3				189	52	.2	
04	ASD	EP	19 12 .6	6.3	.2	2.82	194	56	-.4	
04	SSI	IP C	19 12 7.8	66.4	.2		241	47	.4	
.....										
04	ADK	EP	20 26 52.1							
		ES	20 27 2.4							
04	ASD	EP C	20 27 16.9	2.5	.1					
04	SSI	IP D	20 27 17.1							
04	ASB	EP	20 27 17.9	2.0	.1					
		ES	20 27 59.5							
04	ASC	EP	20 27 18.9							
		I	20 27 24.8							
04	RAT	E(P)	20 27 27.2							
.....										
04	ADK	EP	21 51 31.7							
		ES	21 51 42.9							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
04	ASD	EP	21 51 56.3	3.9	.1					
04	SSI	IP D	21 51 56.6							
04	ASB	IP D	21 51 57.3	3.0	.1					
		E(S)	21 52 38.4							
04	ASC	EP	21 51 58.3							
04	AND	E(P)	21 52 .7							
04	ADK	EP	22 00 49.4							
04	ASD	EP	22 01 14.2	2.1	.1					
04	SSI	IP C	22 01 14.2							
04	ASB	E(P)	22 01 15.2							
		E(S)	22 01 59.0							
04	ASC	EP	22 01 16.7							
04	ADK	EP	22 35 46.5							
		ES	22 35 57.7							
04	ASD	E(P)	22 36 11.4	1.4	.1					
04	SSI	IP C	22 36 11.4	8.9	.2					
04	ASB	E(P)	22 36 12.2							
		E(S)	22 36 57.4							
04	ASC	E(P)	22 36 13.8							
04	RAT	E(P)	22 36 24.1							MAY BE LATE
04	SSI	EP	23 01 31.9	27.6	.2					
04	ASD	EP	23 01 35.3	1.8	.1					
04	ASB	EP	23 01 36.1							
		E(S)	23 02 18.3							
04	ASC	E(P)	23 01 36.3							
04	AND	E(P)	23 01 36.9							
04	ANA	EP	23 01 39.3							
05	AND	IP	00 08 .6							
		IS	00 08 2.8							
05	ANA	IP	00 08 1.6							
05	ASC	EP	00 08 2.8							
05	ASD	EP	00 08 4.1							
05	ASB	IP	00 08 5.9							

05	1	6	20.76	51.16 N 179.19 E	DEPTH = 32.1 KM					FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
05	ASB	IP D	01 06 27.2	6.3	.1	2.49	23	9	.0	
		IS	01 06 31.8						-.0	
05	ASD	IP D	01 06 27.5	6.2	.1	2.51	28	22	-.2	
05	ASC	IP	01 06 28.5				34	357	.2	
05	SSI	IP D	01 06 35.5				86	18	.1	
		ES	01 06 46.1						-.0	
05	RAT	EP	01 06 36.4				93	320	-.1	

05	1	6	42.67	51.14 N 179.20 E	DEPTH = 31.4 KM					FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
05	ASB	IP D	01 06 49.2	68.3	.2	3.23	25	8	.0	
		IS	01 06 53.8						-.1	
05	ASD	IP D	01 06 49.5				29	20	-.2	
05	ASC	IP	01 06 50.6				36	356	.2	
05	AND	IP	01 06 52.3				50	340	.1	
05	ANA	EP	01 06 54.4				66	326	.0	
05	SSI	IP	01 06 57.6	7.8	.1	2.92	88	18	.0	
		IS	01 07 8.4						-.0	
05	RAT	EP	01 06 58.4				95	321	-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
05	1 26	9.06	51.17 N 179.13 E	DEPTH = 30.8 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
05	ASB	IP D	01 26 15.4	10.0	.1	2.67	23	20	.1	
		IS	01 26 20.0						.1	
05	ASD	IP D	01 26 15.7				29	30	-.2	
05	ASC	IP C	01 26 16.8				33	4	.4	
05	AND	IP D	01 26 17.0				46	344	-1.0	
05	SSI	IP C	01 26 23.8				86	21	.1	
		IS	01 26 34.5						.1	
05	RAT	EP	01 26 24.6				90	322	.4	
.....										
05	1 35	45.41	51.14 N 179.32 E	DEPTH = 31.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
05	ASB	IP	01 35 52.0				25	348	-.0	
		ES	01 35 56.8						-.0	
05	ASD	IP	01 35 52.3	1.5	.1	1.90	28	3	-.0	
05	ASC	IP	01 35 53.4				38	343	-.0	
.....										
05	ASB	IP D	01 37 0.0	6.8	.1	2.55				
		ES	01 37 4.6							
05	ASD	IP D	01 37 .3	6.2	.1	2.52				
05	ASC	IP	01 37 1.4							
05	AND	EP	01 37 3.0							
05	SSI	IP	01 37 8.3	4.4	.1	2.69				
		ES	01 37 19.0							
05	RAT	EP	01 37 9.1							
.....										
05	1 39	38.33	51.14 N 179.21 E	DEPTH = 33.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
05	ASB	IP	01 39 45.1	5.0	.1	2.41	25	6	.1	
		ES	01 39 49.8						-.1	
05	ASD	IP	01 39 45.3	4.1	.1	2.35	29	19	-.2	
05	ASC	IP	01 39 46.5				36	355	.3	
05	SSI	IP	01 39 53.3				88	17	.0	
		ES	01 40 4.2						.0	
05	RAT	EP	01 39 54.3				95	321	-.1	
.....										
05	RAT	IP	02 07 .8	9.3	.1					
05	SSI	IP	02 07 11.9							
		ES	02 07 45.8							
05	ASB	EP	03 07 41.4							
		ES	03 07 46.7							
05	ASD	EP	03 07 41.7	2.1	.1	2.11				
05	SSI	IP	03 07 49.8							
05	RAT	EP	03 25 13.4							
		ES	03 25 39.0							
05	SSI	EP	03 25 25.3							
05	ASD	EP	04 24 50.3							
05	ASB	EP	04 24 52.0							
05	ASC	EP	04 24 52.4							
		ES	04 25 7.6							
05	SSI	IP	04 24 53.1							
		IS	04 25 8.1							
05	AND	EP	04 24 55.0							
05	RAT	EP	04 25 2.0							
05	AOK	EP	05 36 52.8							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	05 37 12.6							
05	ASD	EP	05 37 17.0	6.0	.1					
05	SSI	IP	05 37 17.3							
05	ASB	EP	05 37 18.0	4.1	.1					
05	ASC	EP	05 37 19.0							
		ES	05 38 5.2							
05	AND	EP	05 37 21.3							
05	ANA	EP	05 37 25.0							
05	RAT	EP	05 37 27.0							
05	AOK	EP	06 05 4.8							
		ES	06 05 14.7							
05	ASD	EP	06 05 29.1							
		ES	06 06 11.1							
05	SSI	EP	06 05 29.4							
		ES	06 06 8.9							
05	ASB	EP	06 05 30.1							
05	ASC	EP	06 05 31.7							
05	AND	EP	06 05 33.7							
05	RAT	EP	06 05 39.8							
.....										
05	7 9 27.11	51.38 N 179.90 E DEPTH = 25.0 KM RAT ISLANDS, ALEUTIAN ISLANDS								FIXED DEPTH SOLUTION
05	ASD	IP	07 09 34.5	2.4	.1	2.13	39	272	-.2	
05	ASB	IP	07 09 35.6	4.9	.1	2.49	46	267	-.0	
		ES	07 09 41.9						.0	
05	ASC	IP	07 09 36.8				52	280	.3	
05	SSI	EP	07 09 37.9				61	339	.1	
		ES	07 09 45.5						-.1	
05	AND	EP	07 09 39.0				69	287	.0	
.....										
05	AND	EP	07 37 34.9							
05	ASB	EP	07 37 35.0	2.2	.1					
		ES	07 37 57.1							
05	ASC	EP	07 37 35.5							
05	ASD	EP	07 37 35.9							
05	SSI	IP	07 37 43.1							
		IS	07 38 11.9							
.....										
05	8 12 15.10	52.08 N 178.75 E DEPTH = 161.5 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
05	ANA	EP	08 12 37.6				50	187	.0	
05	AND	EP	08 12 37.8				59	166	-.1	
05	ASC	EP	08 12 39.0				74	157	-.3	
05	ASD	EP	08 12 39.3	1.7	.1	2.52	87	151	-.1	
05	ASB	EP	08 12 39.4	1.9	.1	2.58	87	156	-.0	
		ES	08 12 57.2						.0	
.....										
05	ASD	EP	10 49 22.0							
05	SSI	IP	10 49 23.0							
05	ASB	EP	10 49 23.2							
05	ASC	EP	10 49 25.0							
		ES	10 49 46.6							
05	AND	EP	10 49 26.7							
05	RAT	EP	10 49 33.0							
05	ASD	EP	11 35 7.6							
05	ASB	EP	11 35 8.6							
05	ASC	EP	11 35 9.7							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
05	12 13	31.59	51.73 N 179.29 W	DEPTH = 103.2 KM MB = 4.5			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
05	SSI	IP C	12 13 49.5				79	284	.0	
05	ASD	IP C	12 13 51.4				102	249	-.1	VERY LARGE
05	ASB	IP C	12 13 52.2				109	248	.0	
		ES	12 14 7.2						-.0	
05	ASC	IP D	12 13 52.4				111	255	.1	
05	AND	IP C	12 13 53.4				123	262	-.1	
05	ANA	IP D	12 13 55.7				142	266	.2	
05	RAT	IP	12 13 57.8				164	274	-.1	
05	ADK	EP D	12 14 1.9				180	84	2.2	
		ES	12 14 23.1						2.8	
05	GMA	EP	12 17 20.6				1845	27	-3.1	
.....										
05	12 19	53.71	50.54 N 177.53 E	DEPTH = 11.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
05	RAT	IP	12 20 17.8				151	21	-.0	
05	AND	EP	12 20 17.9				151	41	.0	
05	ASB	EP	12 20 18.0				151	52	.2	
05	ASC	EP	12 20 18.3				154	47	.1	
05	ASD	EP	12 20 18.7				158	52	-.2	
		ES	12 20 37.3						-.0	
05	SSI	EP	12 20 26.3				208	43	.0	
.....										
05	13 30	.19	51.27 N 179.54 W	DEPTH = 28.7 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
05	ASD	IP	13 30 13.5	13.6	.1	3.12	79	281	-.2	
05	ASB	EP	13 30 14.6	5.1	.1	2.72	85	278	.0	
		ES	13 30 25.0						-.0	
05	SSI	IP C	13 30 15.6				92	319	-.0	
		IS	13 30 26.9						.0	
05	ASC	EP	13 30 15.9				92	284	.2	
05	AND	EP	13 30 18.2				110	288	-.0	
05	RAT	EP	13 30 25.2				159	293	-.0	
.....										
05	ASC	EP	13 30 21.7							
.....										
05	13 55	9.64	51.49 N 179.80 W	DEPTH = 76.5 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
05	ASD	EP	13 55 23.6	1.7	.1	2.27	61	259	.0	
05	SSI	EP	13 55 23.6				61	316	-.0	
		IS	13 55 33.9						.0	
05	ASB	EP	13 55 24.1				68	258	-.1	
		ES	13 55 34.8						-.1	
05	ASC	IP	13 55 24.8				72	268	.2	
05	AND	EP	13 55 26.0				87	275	-.1	
05	ANA	EP	13 55 28.6				108	278	.3	
05	RAT	EP	13 55 31.0				134	285	-.2	
.....										
05	15 12	15.20	51.55 N 179.43 E	DEPTH = 17.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
05	ASD	IP C	15 12 19.6	.8	.1	1.44	19	199	.0	
05	ASC	IP D	15 12 20.0				21	242	.2	
05	ASB	IP C	15 12 20.3	1.9	.1	1.86	25	211	-.1	
		IS	15 12 24.1						-.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 05	AND	IP	15 12 21.3				33	272	-.2	
. 05	SSI	IP C	15 12 22.5				40	16	.0	
		ES	15 12 27.8						-.0	
. 05	ANA	EP	15 12 24.6				54	279	-.0	
. 05	RAT	IP D	15 12 28.8				81	290	.1	
.....										
. 05	15 23 16.03	52.05 N 178.10 E DEPTH = 145.7 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 05	RAT	EP	15 23 35.9				32	150	-.1	
		ES	15 23 50.8						.2	
. 05	AND	EP	15 23 38.3				80	132	.0	
		ES	15 23 54.3						-.2	
. 05	SSI	EP	15 23 39.9				103	99	.0	
. 05	ASB	EP	15 23 40.4				110	134	-.0	
. 05	ASD	EP	15 23 40.7				113	130	.1	
.....										
. 05	16 37 30.86	51.13 N 179.78 W DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
. 05	ASD	EP	16 37 42.6	3.4	.1	2.46	68	296	-.0	
. 05	ASB	EP	16 37 43.3				73	291	-.0	
		ES	16 37 52.4						-.0	
. 05	ASC	EP	16 37 44.9				83	297	.1	
. 05	AND	EP	16 37 47.4				101	299	-.1	
.....										
. 05	17 51 49.40	51.47 N 179.55 E DEPTH = 59.0 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 05	ASD	IP C	17 51 58.4	31.2	.1	3.36	17	237	-.2	
		IS	17 52 5.7						.4	
. 05	ASB	IP C	17 51 58.9				25	239	-.0	
. 05	ASC	IP D	17 51 59.2				27	267	.1	
. 05	AND	IP C	17 52 .2				42	284	-.0	
		IS	17 52 7.4						-.7	
. 05	SSI	IP	17 52 .2				47	3	-.4	
		IS	17 52 9.2						.5	
. 05	ANA	IP	17 52 2.5				64	286	.2	
. 05	RAT	IP	17 52 5.5				92	294	.1	
.....										
. 05	18 12 19.39	51.12 N 179.15 E DEPTH = 27.3 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 05	ASB	IP D	18 12 25.9	113.4	.1	3.74	28	14	.1	
		IS	18 12 30.2						-.2	
. 05	ASD	IP D	18 12 26.3	32.5	.1	3.23	33	23	-.1	
. 05	ASC	IP	18 12 27.3				38	1	.2	
. 05	AND	IP	18 12 28.8				51	344	-.0	
. 05	ANA	IP	18 12 30.9				66	329	-.0	
. 05	SSI	IP	18 12 34.5				91	19	-.1	
		ES	18 12 45.9						.2	
.....										
. 05	ADK	EP D	20 05 46.7							
		ES	20 05 54.0							
. 05	SSI	IP	20 06 13.2							
. 05	ASD	EP	20 06 14.2							
. 05	ASB	EP	20 06 15.3							
		ES	20 06 49.5							
. 05	ASC	EP	20 06 16.3							
. 05	ANA	EP	20 06 20.8							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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05	20 14	10.04	51.26 N 179.66 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
05	ASD	EP	20 14 22.1				71	283	-0.1	
05	ASB	EP	20 14 22.9	1.7	.1	2.21	77	279	-0.2	
05	ASC	EP	20 14 24.6				85	286	-0.3	
		ES	20 14 34.6						-0.0	
05	SSI	IP D	20 14 24.7	6.1	.1	2.81	88	324	-0.0	
		IS	20 14 35.4						-0.0	

05	23 29	42.70	52.07 N 170.64 W	DEPTH = 52.0 KM MB = 4.1			TELESEISMIC SOLUTION			
FOX ISLANDS, ALEUTIAN ISLANDS										
05	ADK	EP	23 30 39.7				416	269		
		ES	23 31 26.1							
05	SSI	IP	23 31 13.2				672	272		
05	ASD	EP	23 31 13.5	8.7	.2		696	268		
05	ASB	EP	23 31 14.6	19.0	.3		703	268		
		ES	23 32 27.8							
05	ASC	EP	23 31 15.5				707	268		
05	AND	EP	23 31 16.8				720	270		
05	ANA	EP	23 31 20.8				739	270		

06	ADK	EP D	01 45 41.9							
		ES	01 45 50.5							
06	ASD	EP	01 46 4.4	8.7	.1					
06	ASB	EP	01 46 5.5							
		ES	01 46 41.1							
06	ASC	EP	01 46 6.6							
06	AND	EP	01 46 8.3							
06	ANA	EP	01 46 12.3							

06	2 50	57.02	51.41 N 178.83 E	DEPTH = 44.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	AND	EP	02 51 4.5				19	28	-0.1	
06	ASC	EP	02 51 5.2				24	77	-0.2	
06	ASB	EP	02 51 5.3	2.4	.1	2.19	30	101	-0.1	
		ES	02 51 11.5						-0.1	
06	ASD	EP	02 51 6.0	2.7	.1	2.26	36	94	-0.0	
06	SSI	IP	02 51 10.5				75	44	-0.0	
		IS	02 51 20.3						-0.0	

06	2 59	58.90	51.51 N 177.28 W	DEPTH = 49.0 KM MB = 4.8			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIAN ISLANDS										
06	ADK	EP D	03 00 11.1				59	44	.5	
		ES	03 00 21.0						1.8	
06	SSI	IP	03 00 31.5				220	282	1.1	
06	ASD	IP	03 00 31.6				235	268	-0.5	
06	ASB	EP	03 00 32.7	522.5	.2		242	267	-0.3	
		E	03 01 7.3							
06	ASC	EP	03 00 33.9				247	270	.3	
06	AND	EP	03 00 36.1				261	273	.7	
06	ANA	EP	03 00 38.9				281	274	1.0	
06	RAT	IP	03 00 42.2				305	278	1.4	
06	SMY	EP	03 01 22.6				604	286	4.9	
06	CSA	EP	03 01 55.7				897	63	1.8	
06	GMA	EP	03 03 50.7				1805	24	4.7	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	3 26	13.00	51.21 N 176.18 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	RAT	IP	03 26 39.9				163	65	-.1	
06	ANA	IP	03 26 42.9				178	74	.5	
06	AND	IP	03 26 45.2				196	77	.0	
06	ASC	EP	03 26 47.1				209	81	-.0	
06	ASB	EP	03 26 47.6				214	84	-.2	
06	ASD	EP	03 26 48.9				221	84	.2	
		IS	03 27 14.7						-.1	
06	SSI	IP	03 26 51.8				248	71	-.2	
06	ASD	EP	04 35 56.9	6.4	.2					
06	ASB	EP	04 35 58.0	8.8	.2					
06	ASC	EP	04 35 58.7							
06	AND	EP	04 36 .2							
06	ADK	EP D	04 54 28.5							
		ES	04 54 34.9							
06	6 23	58.02	50.46 N 177.72 E	DEPTH = 0.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	ASB	EP	06 24 22.8				147	46	.1	
		ES	06 24 41.4						.7	
06	ANA	IP	06 24 23.0				146	27	.4	
06	AND	IP C	06 24 23.3				151	35	.1	
06	ASC	IP	06 24 23.5				151	42	.2	
06	ASD	IP	06 24 23.6	12.2	.1	3.32	154	47	-.2	
06	RAT	EP	06 24 23.9				155	16	-.1	
06	SSI	IP	06 24 31.3				206	39	-.4	
		ES	06 24 55.6						-.6	
06	6 44	21.87	51.51 N 178.63 E	DEPTH = 61.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	ANA	IP	06 44 31.3				14	9	.1	
06	AND	EP	06 44 31.6				23	74	.0	
		ES	06 44 38.7						.0	
06	RAT	IP	06 44 32.5				39	328	-.1	
06	ASC	EP	06 44 32.7				37	97	.2	
06	ASB	EP	06 44 32.9				46	110	-.3	
06	ASD	EP	06 44 33.7				51	104	.1	
06	SSI	EP	06 44 36.6				79	57	.1	
		ES	06 44 47.0						-.1	
06	6 53	54.48	51.41 N 178.78 E	DEPTH = 44.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
06	AND	IP D	06 54 2.3				21	36	.1	
06	ANA	IP	06 54 2.8				25	341	.2	
06	ASC	IP	06 54 2.9				27	78	.2	
06	ASB	EP	06 54 3.2				33	100	-.0	
		ES	06 54 9.0						-.6	
06	ASD	IP	06 54 3.9	14.8	.1	3.02	39	93	.1	
06	RAT	IP D	06 54 5.1				53	324	-.3	
		IS	06 54 13.2						-.1	
06	SSI	IP D	06 5							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
06	8 24	47.83	51.25 N 179.16 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
06	ASD	EP	08 25 5.0	1.5	.1	2.31	106	279	-.2	
		ES	08 25 17.5						-.3	
06	ASB	EP	08 25 5.9	1.5	.1	2.32	112	277	-.0	
		ES	08 25 19.4						.3	
06	SSI	IP	08 25 6.0				113	310	-.1	
		IS	08 25 19.4						.1	
06	ASC	EP	08 25 7.1				119	282	.3	
.....										
06	8 53	33.06	50.99 N 178.86 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	ASB	EP	08 53 42.0				49	33	-.1	
		ES	08 53 48.4						-.2	
06	ASD	EP	08 53 42.9	1.5	.1	2.05	55	37	-.1	
06	ASC	EP	08 53 43.0				56	22	-.1	
06	AND	EP	08 53 44.1				64	6	-.1	
06	SSI	IP	08 53 51.7				112	26	.3	
		IS	08 54 4.8						.1	
.....										
06	9 22	52.53	51.31 N 179.73 E	DEPTH = 40.0 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	ASD	IP	09 23 .3	6.2	.1	2.56	29	288	-.1	
		ES	09 23 6.0						-.2	
06	ASB	EP	09 23 .9	2.4	.1	2.18	34	279	-.1	
06	ASC	IP	09 23 2.2				43	293	.3	
06	AND	EP	09 23 4.3				61	298	.1	
06	SSI	IP C	09 23 4.8	2.9	.1	2.42	66	351	.0	
		IS	09 23 13.6						-.1	
06	RAT	IP C	09 23 10.6	3.8	.1	2.71	111	300	-.1	
.....										
06	SSI	IP C	11 50 21.9							
		IS	11 50 22.9							
.....										
06	14 7	41.12	52.03 N 177.85 E	DEPTH = 148.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	RAT	IP	14 08 2.0	16.4	.1	3.45	42	128	.2	
		IS	14 08 16.6						-.3	
06	AND	EP	14 08 4.9				92	124	.4	
		IS	14 08 21.3						-.3	
06	ASC	EP	14 08 6.1				111	124	.2	
06	SSI	IP	14 08 6.1	5.6	.1	3.06	120	97	-.5	
		IS	14 08 25.8						.6	
06	ASB	EP	14 08 6.6				122	127	-.2	
06	ASD	EP	14 08 6.9	2.8	.1	2.77	125	124	-.1	
.....										
06	SSI	IP	14 10 13.8	5.4	.1	2.87				
		IS	14 10 27.1							
06	RAT	EP	14 14 54.2	3.6	.1					
06	SSI	IP	14 14 57.9	5.1	.1	2.73				
		IS	14 15 7.8							
06	ADK	EP	18 47 45.1							
		ES	18 47 59.4							
06	SSI	IP	18 48 16.0							
		IS	18 49 6.5							

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
06	ASD	EP	18 48 16.9							
06	ASB	EP	18 48 18.4							
		ES	18 49 7.7							
06	ASC	EP	18 48 19.4							
06	AND	EP	18 48 21.1							
06	ADK	EP	20 33 37.0							
		ES	20 33 46.7							
06	20 38 18.16		51.52 N 178.52 E				26.6 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	ANA	IP	20 38 23.2				15	39	-0.0	
06	AND	IP	20 38 24.8				30	81	.0	
06	ASC	IP	20 38 26.9				45	98	.2	
06	ASB	EP	20 38 27.6				53	109	-0.3	
		ES	20 38 34.7						-0.2	
06	ASD	EP	20 38 28.9				59	104	.3	
06	SSI	IP	20 38 32.2				84	60	-0.2	
		IS	20 38 42.9						.1	
06	21 27 55.84		51.30 N 178.59 E				37.5 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
06	ANA	IP	21 28 4.4				37	8	.1	
06	AND	IP	21 28 4.4				39	40	-0.1	
06	ASB	EP	21 28 5.4				46	81	.0	
		ES	21 28 12.4						.0	
06	ASD	EP	21 28 6.3				53	78	.0	
06	SSI	IP C	21 28 12.2				96	46	.0	
6	22 15 6.10		63.40 N 151.27 W				33.0 KM			TELESEISMIC SOLUTION
			CENTRAL ALASKA							
07	0 9 38.50		23.45 S 179.95 W				574.0 KM		MB = 5.2	TELESEISMIC SOLUTION
			SOUTH OF FIJI ISLANDS							
07	ADK	EP	00 20 21.9				8347	2		
07	3 34 42.21		51.09 N 177.79 E				75.0 KM			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
07	ANA	IP	03 34 58.6				85	45	.2	
07	AND	IP	03 34 59.2				97	56	-0.4	
07	ASD	IP	03 35 1.5	6.7	.1	3.01	113	72	.1	
		IS	03 35 15.4						.0	
07	9 20 58.36		51.26 N 179.53 W				25.0 KM			FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
07	ASD	IP	09 21 11.6				80	281	-0.2	
07	ASB	IP	09 21 12.9				86	278	.2	
		ES	09 21 23.2						.0	
07	ASC	IP	09 21 13.9				93	285	.0	
07	AND	IP	09 21 16.5				110	288	.1	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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07	9 55	55.87	51.64 N 178.89 E	DEPTH = 70.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	AND	IP	09 56 6.2				9	150	-.0	
		IS	09 56 13.8						-.0	
07	ANA	IP	09 56 6.4				16	267	.0	
07	ASC	IP	09 56 7.0				27	135	.1	
07	ASB	IP	09 56 7.6				39	141	-.0	
07	ASD	IP	09 56 7.7				42	131	-.1	

07	17 3	40.17	51.50 N 178.06 E	DEPTH = 51.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
07	RAT	IP	17 03 49.8				38	29	-.2	
07	ANA	IP	17 03 50.8				44	71	.3	
07	AND	IP	17 03 52.3				62	83	-.1	
07	ASC	IP	17 03 54.2				76	93	.1	
07	ASB	IP	17 03 54.8	694.2	.2	4.59	84	100	-.1	
		IS	17 04 5.5						-.1	
07	ASD	IP	17 03 55.6				89	97	-.0	
07	SSI	IP	17 03 58.6				114	67	.0	
07	ADK	EP	17 04 30.2				365	81	.7	
		ES	17 05 9.1						3.6	

07	SSI	IP D	22 31 30.4	119.7	.1	3.81				
		IS	22 31 35.2							
07	ASD	IP D	22 31 33.5							
07	ASC	IP	22 31 34.5							
07	ASB	IP	22 31 34.6							
		IS	22 31 41.8							
07	AND	IP	22 31 35.8							
07	ANA	IP	22 31 38.4							
07	RAT	IP	22 31 42.1							
08	ADK	EP	01 11 46.8							
08	ADK	EP	01 18 .2							
		ES	01 18 12.0							

08	3 30	28.91	51.39 N 178.74 E	DEPTH = 53.1 KM MB = 4.0			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	IP C	03 30 37.6				25	37	-.2	
08	ACE	IP	03 30 37.8				30	87	-.4	
08	ACF	IP	03 30 37.8				23	48	.0	
08	ANA	IP	03 30 38.0				27	348	-.0	
08	ACC	IP	03 30 38.1				24	62	.3	
08	ACA	IP	03 30 38.1				28	68	.0	
08	ACB	IP	03 30 38.1				26	70	.2	
08	ASC	IP	03 30 38.3				31	74	.1	
08	ASB	IP	03 30 38.5				35	94	-.1	
08	ASD	IP	03 30 39.1				42	89	-.1	
08	RAT	IP D	03 30 40.3				54	328	-.1	
08	SSI	IP C	03 30 43.6				81	46	.2	
		IS	03 30 53.8						-.2	
08	ADK	IP	03 31 13.9				321	78	1.1	
		ES	03 31 42.4						-2.4	
08	SMY	EP	03 31 19.7				351	297	3.2	
08	GMA	EP	03 34 33.8				1944	29	.6	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
08	3 35	7.31	51.38 N 178.79 E	DEPTH = 48.1 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	IP	03 35 15.4				23	30	-.2	
08	ACF	IP	03 35 15.5				21	42	.0	
08	ACE	IP	03 35 15.5				27	86	-.3	
08	ACB	IP	03 35 15.8				23	67	.2	
		IS	03 35 21.7						.1	
08	ACA	IP	03 35 15.8				25	65	.1	
08	ACC	IP	03 35 15.8				21	58	.3	
08	ASC	IP	03 35 16.0				27	71	.1	
08	ASB	IP	03 35 16.2				32	95	-.1	
		IS	03 35 22.3						-.5	
08	ASD	IP	03 35 16.9				38	89	.1	
08	RAT	IP	03 35 18.5				56	326	-.2	
08	SSI	IP	03 35 21.5				79	44	.1	
		IS	03 35 31.5						-.1	
.....										
08	5 20	19.01	51.38 N 178.77 E	DEPTH = 49.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	IP	05 20 27.4				24	32	-.1	
08	ACE	IP	05 20 27.5				28	85	-.3	
08	ACF	IP	05 20 27.5				23	44	.1	
08	ACB	IP	05 20 27.7				24	67	.1	
08	ACA	IP	05 20 27.8				27	65	.1	
08	ACC	IP	05 20 27.8				22	58	.4	
		IS	05 20 33.8						.2	
08	ANA	IP	05 20 27.9				29	345	.1	
08	ASC	IP	05 20 28.0				29	71	.1	
08	ASB	IP	05 20 28.2				33	93	-.0	
		IS	05 20 34.3						-.7	
08	ASD	IP	05 20 28.8				40	88	-.0	
08	RAT	IP	05 20 30.1				56	327	-.3	
08	SSI	IP	05 20 33.6				80	45	.3	
		IS	05 20 43.4						-.3	
.....										
08	ASC	IP	06 56 59.9							
08	ASB	IP	06 57 .1							
		ES	06 58 6.2							
08	ASD	EP	06 57 .7							
		IS	06 58 7.7							
08	AND	EP	06 57 59.2							
.....										
08	8 16	47.25	51.35 N 178.73 E	DEPTH = 35.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	AND	IP	08 16 54.5				28	34	-.1	
08	ANA	IP	08 16 54.9				31	351	.0	
08	ASC	IP	08 16 55.2				33	68	.1	
08	ASB	IP	08 16 55.4	5.6	.1	2.54	36	88	-.0	
		ES	08 17 1.4						-.0	
08	ASD	IP	08 16 56.2	3.2	.1	2.33	43	84	-.0	
.....										
08	8 54	28.70	51.11 N 178.59 E	DEPTH = 31.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
08	ACA	IP	08 54 38.5				55	42	-.5	
08	ASB	IP	08 54 38.6				54	58	-.1	
		ES	08 54 45.5						-.5	
08	ACB	IP	08 54 38.6				52	41	.0	
08	ACE	IP	08 54 38.7				52	51	.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
08	ACF	IP	08 54 39.0				54	31	.2	
08	AND	IP	08 54 39.1				56	26	.0	
08	ASC	IP	08 54 39.2				56	45	.2	
08	ACC	IP	08 54 39.2				52	37	.7	
08	ASD	IP	08 54 39.4				61	59	-.3	
08	ANA	IP	08 54 39.4				58	5	.1	
08	RAT	IP D	08 54 41.8				79	347	-.5	
08	SSI	IP	08 54 47.1				111	38	.1	

08 9 45 16.16 51.13 N 178.59 E DEPTH = 31.7 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

08	ACA	EP	09 45 25.6				53	43	-.6	
08	ACB	IP	09 45 25.9				51	43	.1	
08	ACE	IP	09 45 25.9				50	53	.1	
08	ASB	IP	09 45 26.0				52	61	-.0	
08	IS		09 45 32.7						-.5	
08	ACF	IP	09 45 26.2				52	32	.2	
08	ACC	IP	09 45 26.3				50	38	.5	
08	AND	IP	09 45 26.4				54	27	.1	
08	ASC	IP	09 45 26.5				54	47	.2	
08	ANA	IP	09 45 26.7				55	5	.2	
08	ASD	IP	09 45 26.8				60	61	-.2	
08	RAT	IP	09 45 28.9				77	346	-.5	
08	SSI	IP	09 45 34.3	22.2	.1	3.46	109	39	.1	
08	ES		09 45 47.4						.0	

08 ADK IP 10 02 27.5
IS 10 02 37.3

08 10 38 29.21 51.17 N 179.43 W DEPTH = 25.0 KM FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

08	ASD	IP	10 38 43.8	2.7	.1	2.45	89	286	-.2	
08	ASB	EP	10 38 45.0				94	283	.1	
08	ES		10 38 56.3						.0	
08	ASC	EP	10 38 46.3				103	289	.1	

08 ADK IP D 10 59 8.7
IS 10 59 18.6
08 SSI IP 10 59 30.1
IS 10 59 57.4
08 ASD EP 10 59 30.5
08 ASB EP 10 59 32.7
ES 11 00 5.7
08 ASC EP 10 59 33.2
08 AND EP 10 59 35.1
08 RAT IP 10 59 41.1

8 11 53 21.70 61.02 N 146.64 W DEPTH = 82.0 KM MB = 3.2 TELESEISMIC SOLUTION
SOUTHERN ALASKA

08 14 5 .30 51.92 N 179.05 W DEPTH = 50.0 KM FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

08	SSI	IP	14 05 15.0				94	269	-1.2	
08	IS		14 05 24.7						-3.1	
08	ASD	IP C	14 05 19.9	11.8	.1	3.25	126	243	-.2	
08	ASC	IP	14 05 20.9				133	248	-.2	
08	ASB	IP	14 05 21.1	3.9	.1	2.79	133	243	.1	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IS	14 05 35.7						-.4	
08	ACC	IP	14 05 21.3				140	251	-.6	
		IS	14 05 38.1						.4	
08	ACA	EP	14 05 21.6				136	250	.3	
08	ACE	IP	14 05 21.9				136	246	.6	
08	AND	IP	14 05 22.0				143	255	-.3	
08	ANA	IP	14 05 25.0				161	259	.5	
08	RAT	IP	14 05 27.8				181	267	.9	
08	ASD	IP C	14 16 56.4	3.1	.1	2.69				
08	ASB	IP	14 16 57.6							
		ES	14 17 14.2							
08	ASC	IP	14 16 58.8							
08	14 35 19.47	51.41 N 178.79 E DEPTH = 47.1 KM	FREE DEPTH SOLUTION							
		RAT ISLANDS, ALEUTIAN ISLANDS								
08	AND	EP	14 35 27.4				20	34	-.1	
08	ACE	EP	14 35 27.5				26	92	-.4	
08	ACC	IP	14 35 27.8				19	65	.4	
08	ACB	EP	14 35 27.8				22	74	.3	
08	ACA	EP	14 35 27.8				24	71	.1	
08	ASC	IP	14 35 28.0				27	77	.1	
08	ASB	EP	14 35 28.3	4.5	.1	2.49	32	100	-.0	
		ES	14 35 34.4						-.4	
08	ASD	EP	14 35 28.9	3.4	.1	2.39	38	93	-.0	
08	RAT	IP	14 35 30.3				54	324	-.2	
08	SSI	IP	14 35 33.4				77	46	.1	
		IS	14 35 43.1						-.2	
08	19 56 54.43	51.45 N 178.59 E DEPTH = 66.2 KM	FREE DEPTH SOLUTION							
		RAT ISLANDS, ALEUTIAN ISLANDS								
08	ACE	IP	19 57 5.2				41	97	-.6	
08	ACC	EP	19 57 5.5				32	82	.3	
08	ACA	IP	19 57 5.8				37	84	.3	
08	RAT	EP	19 57 5.9				43	335	-.1	
08	SSI	IP	19 57 10.1				85	54	.1	
		IS	19 57 21.2						-.1	
09	5 29 56.09	51.38 N 178.80 E DEPTH = 44.4 KM	FREE DEPTH SOLUTION							
		RAT ISLANDS, ALEUTIAN ISLANDS								
09	AND	EP	05 30 3.7				23	27	-.3	
09	ACE	IP	05 30 3.9				26	85	-.3	
09	ACC	IP	05 30 4.1				20	55	.3	
09	ACB	EP	05 30 4.1				22	65	.2	
09	ACA	IP	05 30 4.1				25	63	-.0	
09	ASC	EP	05 30 4.5				27	70	.2	
09	ASB	EP	05 30 4.6	1.2	.1	1.89	31	94	-.0	
		ES	05 30 10.8						-.1	
09	ASD	EP	05 30 5.3	1.7	.1	2.07	38	88	.0	
09	7 55 6.50	51.84 N 179.69 E DEPTH = 197.3 KM	FREE DEPTH SOLUTION							
		RAT ISLANDS, ALEUTIAN ISLANDS								
09	ASD	E(P)	07 55 33.2	1.7	.1	2.57	55	206	-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
09	8 23	27.53	51.39 N 178.80 E	DEPTH = 42.9 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	AND	EP	08 23 34.9				22	28	-.3	
09	ACE	IP	08 23 35.0				26	87	-.5	
09	ACC	IP	08 23 35.3				20	58	.3	
09	ACB	IP	08 23 35.4				21	68	.2	
09	ACA	EP	08 23 35.4				24	65	.0	
09	ASC	E(P)	08 23 35.7				26	72	.2	
09	ASB	EP	08 23 36.0	.9	.1	1.76	31	96	.1	
		ES	08 23 42.0						-.1	
09	ASD	EP	08 23 36.6	1.0	.1	1.82	37	90	.0	
.....										
09	8 26	8.76	51.19 N 177.81 E	DEPTH = 42.1 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	RAT	EP D	08 26 22.3				77	28	-.2	
09	ANA	IP	08 26 22.5				77	50	.0	
		ES	08 26 31.4						-1.0	
09	AND	EP	08 26 23.7				90	62	-.4	
09	ASB	E(P)	08 26 25.4				102	79	-.2	
09	ASD	E(P)	08 26 26.2				109	78	-.3	
09	SSI	EP	08 26 32.2				146	57	1.2	
		ES	08 26 48.1						.9	
.....										
09	9 3	2.88	50.72 N 177.57 E	DEPTH = 0.0 KM		FIXED DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	RAT	E(P)	09 03 25.0	2.2	.1	2.51	131	24	-.1	
09	AND	EP	09 03 25.9				134	46	.3	
09	ASB	EP	09 03 25.1	.9	.1	2.14	137	58	.0	
		ES	09 03 42.9						-.0	
09	ASC	EP	09 03 26.4				138	53	.1	
09	ASD	E(P)	09 03 26.9				144	58	-.3	
.....										
09	10 0	15.14	51.39 N 178.77 E	DEPTH = 47.6 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
09	AND	IP C	10 00 23.2				23	33	-.2	
09	ACE	IP D	10 00 23.4				28	87	-.3	
09	ACF	IP D	10 00 23.4				22	46	.1	
09	ACC	IP D	10 00 23.7				22	61	.4	
09	ACB	IP D	10 00 23.7				24	70	.3	
09	ACA	IP D	10 00 23.7				26	67	.1	
09	ANA	IP	10 00 23.8				28	344	.1	
09	ASC	IP D	10 00 23.9				29	73	.1	
09	ASB	IP C	10 00 24.2	31.1	.1	3.34	33	95	.0	
		ES	10 00 30.0						-.8	
09	ASD	IP C	10 00 24.8				40	89	.0	
09	RAT	IP D	10 00 25.0	34.8	.1	3.47	55	327	-.4	
09	SSI	IP	10 00 29.3				80	45	.0	
.....										
09	AND	EP	10 41 30.7							
09	ACE	IP C	10 41 30.8							
09	ACC	IP C	10 41 31.1							
09	ACB	IP C	10 41 31.1							
09	ACA	IP C	10 41 31.1							
09	ASC	IP C	10 41 31.3							
09	ASB	EP	10 41 31.6	2.4	.1	2.21				
		E(S)	10 41 37.7							
09	ASD	IP D	10 41 32.2	3.6	.1	2.42				

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MAY 1971	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	RAT	EP	10 41 33.7							
09	SSI	EP	10 41 36.7	2.0	.1					
09	ADK	EP	10 42 .6							
		ES	10 42 25.3							
09	SSI	IP C	10 42 30.5	29.2	.2					
09	ASD	EP D	10 42 34.1	9.1	.2					
09	ASB	IP D	10 42 35.0							
		ES	10 43 23.7							
09	ASC	IP C	10 42 35.6							
09	ACC	EP	10 42 35.7							
09	ACE	EP	10 42 36.4							
09	ACA	EP	10 42 36.6							
09	AND	EP	10 42 36.8							
09	ANA	E(P)	10 42 38.9							
09	RAT	IP C	10 42 41.1							
09	ASD	EP	10 49 26.7	9.1	.2	2.80				
09	SSI	IP	10 49 28.0							
09	ASB	EP	10 49 28.2	13.2	.2	2.99				
		IS	10 49 42.9							
09	ASC	EP	10 49 29.4							
09	AND	E(P)	10 49 31.5							
09	RAT	EP	10 49 38.0							
09	10 58 8.12		51.33 N 179.38 E	DEPTH = 35.0 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	ASD	IP C	10 58 13.9	2.1	.1	1.96	7	336	-.0	
		IS	10 58 18.1						-.0	
09	ASB	EP	10 58 14.0				10	288	-.0	
		IS	10 58 18.3						-.0	
09	AND	EP	10 58 16.6				39	311	-.0	
09	11 4 3.28		50.46 N 177.76 E	DEPTH = 0.0 KM						FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	ASB	EP	11 04 27.8				145	46	.2	
		E(S)	11 04 45.4						.0	
09	AND	EP	11 04 28.3				149	34	.1	
09	ASD	EP C	11 04 28.7	1.3	.1	2.33	152	47	-.0	
09	RAT	EP	11 04 29.1				154	15	.0	
09	SSI	EP	11 04 36.4				204	38	-.2	
09	12 17 39.57		51.42 N 178.85 E	DEPTH = 45.9 KM						FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	AND	EP C	12 17 47.0				18	24	-.3	
09	ACE	IP	12 17 47.2				22	95	-.4	
09	ACF	IP	12 17 47.2				16	40	.0	
09	ACC	IP	12 17 47.4				15	61	.2	
09	ACB	IP	12 17 47.4				17	73	.1	
09	ACA	EP	12 17 47.5				20	69	.1	
09	ASC	E(P)	12 17 47.7				22	77	.1	
09	ASB	EP	12 17 48.0				28	103	-.0	
09	ASD	EP D	12							

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	16 26	15.07	51.38 N 178.75 E	DEPTH = 47.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	AND	IP D	16 26 23.3				25	35	-.1	
09	ACE	IP C	16 26 23.4				30	85	-.4	
09	ACF	IP C	16 26 23.4				24	46	.1	
09	ANA	IP	16 26 23.7				28	348	.0	
09	ACC	IP C	16 26 23.7				23	60	.4	
09	ACB	IP C	16 26 23.7				25	69	.2	
09	ACA	IP C	16 26 23.8				28	66	.1	
09	ASC	IP	16 26 24.0				30	72	.2	
09	ASB	IP	16 26 24.2	13.3	.1	2.97	35	93	-.0	
	ES		16 26 30.2						-.7	
09	ASD	IP C	16 26 24.9	13.3	.1	3.00	41	88	.1	
09	RAT	IP D	16 26 26.0				55	328	-.3	
09	SSI	IP D	16 26 29.4				81	45	-.0	
09	ADK	EP	18 13 3.6							
	ES		18 13 11.0							
09	ASD	EP	18 20 27.9	.7	.1	1.87				
09	ASB	E(P)	18 20 30.0							
		E(S)	18 20 41.7							
09	ASC	EP	18 20 30.8							
09	SSI	EP	18 20 31.2	6.3	.1					
09	SSI	IP C	18 40 3.6	12.2	.1					
09	ASD	EP	18 40 5.2	1.3	.1					
09	ASB	E(P)	18 40 5.4							
		E(S)	18 40 37.3							
09	ASC	EP	18 40 7.0							
09	RAT	EP	18 40 14.8							
9	18 59	58.50	59.94 N 152.48 W	DEPTH = 134.0 KM			TELESEISMIC SOLUTION			
SOUTHERN ALASKA										
09	ASD	EP	20 10 54.9	1.7	.1	2.49				
09	ASC	EP	20 10 55.0							
09	ASB	EP	20 10 55.2	2.8	.1	2.72				
		E(S)	20 11 14.0							
09	20 23	32.59	52.07 N 179.59 E	DEPTH = 171.0 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
09	SSI	EP	20 23 55.4	9.3	.1	3.24	19	180	.0	
09	AND	EP	20 23 57.0				71	218	-.1	
09	ASD	IP	20 23 57.3	5.2	.1	3.02	77	193	-.1	
09	ASC	EP	20 23 57.4				73	204	.2	
09	ANA	IP	20 23 57.6				80	233	.0	
09	ASB	IP C	20 23 57.7				82	197	.0	
	ES		20 24 16.0						.0	
09	21 15	38.05	51.39 N 179.33 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
09	ASD	EP	21 15 53.7	1.3	.1	2.18	92	271	-.0	
09	ASB	IP C	21 15 54.6	3.8	.1	2.68	99	269	.0	
		E(S)	21 16 6.6						.0	
0										

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
09	21 22 56.63		51.59 N 179.80 E			DEPTH = 98.0 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	ASD	IP C	21 23 11.2	10.8	.1	3.11	39	235	-.1	
09	SSI	IP	21 23 11.2				37	336	.0	
09	ASC	EP	21 23 11.7				46	252	.0	
		IS	21 23 22.7						.0	
09	ASB	EP	21 23 11.8				46	237	-.1	
09	AND	EP	21 23 12.4				59	267	-.1	
09	ANA	IP	21 23 14.1				79	273	.0	
09	23 4 52.30		51.25 N 175.29 W			DEPTH = 50.0 KM MB = 3.8				TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIAN ISLANDS							
09	ADK	EP C	23 05 11.2				120	306	-.2	
		ES	23 05 26.8						1.5	
09	SSI	EP	23 05 42.3				362	283	1.1	
09	ASD	EP	23 05 43.2	6.6	.2		374	274	.5	
		EPG	23 05 50.4							
09	ASB	EP	23 05 44.1	14.3	.3		380	274	.6	
		E	23 06 35.0							
09	ASC	EP	23 05 45.3				386	276	1.1	
09	AND	EP	23 05 47.0				401	277	.9	
09	ANA	EP	23 05 50.1				422	278	1.5	
9	23 10 28.20		61.96 N 148.76 W			DEPTH = 33.0 KM				TELESEISMIC SOLUTION
			CENTRAL ALASKA							
09	23 16 7.97		51.59 N 178.93 E			DEPTH = 74.1 KM				FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	AND	EP	23 16 18.6				3	153	-.1	
09	ACE	IP	23 16 18.8				26	141	-.5	
09	ACF	IP	23 16 18.8				8	148	.1	
09	ANA	IP	23 16 18.9				19	283	-.1	
09	ACC	EP	23 16 18.9				14	146	.1	
09	ACB	IP	23 16 19.1				18	142	.1	
09	ASC	IP	23 16 19.2				21	131	.1	
09	ACA	IP	23 16 19.2				17	132	.3	
09	ASB	IP	23 16 19.7	8.1	.1	2.89	33	139	.0	
		IS	23 16 28.1						-.1	
09	ASD	IP C	23 16 19.8	5.6	.1	2.73	36	127	-.0	
09	SSI	IP D	23 16 21.3				57	53	-.0	
09	23 53 .83		51.22 N 178.77 E			DEPTH = 25.0 KM				FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
09	ASB	IP	23 53 8.0				37	65	-.2	
		IS	23 53 13.1						-.4	
09	ACB	IP	23 53 8.1				35	40	.2	
09	ACA	E(P)	23 53 8.1				38	40	-.2	
09	AND	IP	23 53 8.2				40	19	-.4	
09	ACE	IP	23 53 8.2				35	55	.3	
09	ACC	IP C	23 53 8.5				35	33	.6	
09</										

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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 10 0 1 16.30 52.16 N 171.01 W DEPTH = 48.0 KM MB = 5.3 MS = 5.1 TELESEISMIC SOLUTION
 FOX ISLANDS, ALEUTIAN ISLANDS

10	ADK	EP	00 02 9.5				391	268		
		ES	00 02 51.0							
10	CSA	EP	00 02 24.1				490	54		
10	SSI	E(P)	00 02 42.0				647	271		
10	ASD	E(P)	00 02 44.5	2.9	.1		672	266		
		I	00 02 47.4							
10	ASB	IP C	00 02 45.8	5.2	.1		679	266		
		E(S)	00 03 56.4							
10	ASC	EP D	00 02 46.5				683	267		
10	ACA	EP	00 02 46.5				685	268		
10	AND	E(P)	00 02 47.9				695	268		
10	ANA	E(P)	00 02 51.6				714	269		
10	RAT	E(P)	00 02 53.2				734	271		
10	SMY	EP	00 03 28.7				1014	279		
10	GMA	EP	00 04 41.7				1580	17		

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 10 1 28 31.84 50.72 N 177.46 E DEPTH = 0.0 KM FIXED DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

10	ANA	EP	01 28 54.4				131	39	.3	
10	RAT	IP	01 28 54.4				134	26	-.2	
10	AND	EP	01 28 55.3				140	48	-.2	
10	ACE	EP	01 28 55.6				142	57	-.1	
10	ACA	EP	01 28 55.8				143	53	-.2	
10	ACB	EP	01 28 55.8				141	54	.2	
10	ASB	EP	01 28 56.0	4.7	.1	2.88	144	60	-.0	
10	ACC	IP	01 28 56.0				139	52	.6	
10	ASC	EP	01 28 56.2				145	55	-.0	
10	ASD	EP	01 28 56.9				151	60	-.3	
10	SSI	EP	01 29 4.0				197	48	-.1	
		IS	01 29 27.6						-.1	

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.....
 10 1 50 36.87 51.29 N 177.95 E DEPTH = 0.0 KM FIXED DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

10	RAT	IP D	01 50 48.2	5.2	.1	2.59	62	25	.0	
		IS	01 50 56.1						-.3	
10	ANA	IP	01 50 48.8				62	53	.7	
10	AND	EP	01 50 50.2				76	66	-.4	
		ES	01 51 .3						-.4	
10	ACE	EP	01 50 51.6				86	82	-.7	
10	ACB	EP	01 50 51.8				81	76	.2	
10	ASB	EP	01 50 52.2				90	85	-.8	
10	ACA	EP	01 50 52.3				84	75	.3	
10	ACC	EP	01 50 52.7				79	74	1.5	
10	ASC	EP	01 50 53.2				86	77	.8	
10	ASD	EP	01 50 53.7				97	83	-.3	
10	SSI	IP	01 50 58.5				131	59	-.7	

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.....
 10 4 6 17.66 51.71 N 179.25 W DEPTH = 90.8 KM FREE DEPTH SOLUTION
 DELAROF ISLANDS, ALEUTIAN ISLANDS

10	SSI	IP	04 06 34.8				83	285	.0	
		ES	04 06 47.3						.0	
10	ASD	EP	04 06 36.7				104	251	-.1	
10	ASB	EP	04 06 37.6	7.9	.1	3.10	111	250	.0	
		ES	04 06 52.1						-.0	
10	ASC	EP	04 06 37.9				113	257	.1	
10	AND	EP	04 06 39.0				125	263	-.1	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	ANA	EP	04 06 41.4				145	267	.2	
10	RAT	IP	04 06 43.6				167	274	-.1	
.....										
10	4 15	1.20	51.90 N 178.93 E	DEPTH = 101.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	AND	EP	04 15 16.1				38	178	-.1	
10	RAT	IP	04 15 16.5				43	255	.0	
		ES	04 15 27.6						-.0	
10	SSI	IP	04 15 16.6				45	91	.0	
10	ASC	EP	04 15 17.0				51	162	.1	
10	ASD	EP	04 15 17.6	2.9	.1	2.60	63	153	-.1	
10	ASB	EP	04 15 17.9				64	160	.1	
		ES	04 15 29.9						.0	
.....										
10	ASD	EP	04 19 54.1							
		ES	04 20 10.7							
.....										
10	4 59	41.80	52.17 N 179.25 E	DEPTH = 156.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	SSI	EP	05 00 3.3				38	143	.0	
10	AND	EP	05 00 4.6				70	197	-.0	
10	ACC	EP	05 00 4.9				77	191	-.1	
10	ACF	EP	05 00 5.0				74	194	.2	
10	ASC	IP	05 00 5.1				79	185	-.0	
10	ANA	IP	05 00 5.1				73	214	.3	
10	ACE	IP	05 00 5.1				86	184	-.4	
10	ASD	IP	05 00 5.2	11.8	.1	3.36	87	176	-.4	
10	ACB	EP	05 00 5.2				79	188	.1	
10	RAT	IP	05 00 5.3	3.6	.1	2.83	75	238	.4	
		IS	05 00 21.1						-.7	
10	ACA	IP	05 00 5.3				77	187	.3	
10	ASB	IP	05 00 5.6	7.7	.1	3.18	90	180	-.2	
		ES	05 00 24.0						.7	
.....										
10	8 25	54.20	51.70 N 178.35 W	DEPTH = 80.0 KM			TELESEISMIC SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	SSI	IP D	08 26 17.2				144	279	.1	
10	ASD	IP C	08 26 19.4	36.4	.1	3.86	164	259	-.0	
		ES	08 26 37.1						-.7	
10	ASB	IP	08 26 20.4				171	258	.1	
		ES	08 26 39.0						-.3	
10	ASC	IP	08 26 21.1				174	262	.5	
10	AND	EP	08 26 22.5				187	266	.3	
10	ANA	EP	08 26 25.0				207	269	.5	
10	RAT	IP	08 26 27.3				229	274	.1	
		ES	08 26 51.1						-.3	
.....										
10	10 49	42.59	51.82 N 179.45 W	DEPTH = 112.9 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
10	SSI	IP D	10 50 .1	7.3	.1	3.03	66	277	-.4	
		IS	10 50 14.0						.4	
10	ASD	IP	10 50 2.8	3.6	.1	2.77	96	241	.0	
10	ASB	IP	10 50 3.6				103	241	.2	
		ES	10 50 18.2						-.5	
10	ASC	IP	10 50 3.6				103	248	.2	
10	AND	EP	10 50 4.4				114	256	.0	
10	ANA	EP	10 50 6.5				132	261	.4	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	RAT	EP	10 50 8.0				153	270	-.3	
10	AND	EP	11 32 25.7							
10	ASB	EP	11 32 26.1							
		ES	11 32 47.4							
10	ASC	EP	11 32 26.7							
10	ASD	EP	11 32 26.8							
10	SSI	IP	11 32 34.1							
10	12 12 31.06		51.51 N 179.04 E DEPTH = 25.4 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	AND	IP	12 12 35.2				9	317	-.3	
10	ACF	IP	12 12 35.2				4	307	-.1	
10	ACE	IP	12 12 35.2				15	141	-.7	
10	ACC	IP	12 12 35.3				2	171	.0	
10	ASC	IP	12 12 35.5				10	118	-.1	
10	ACB	IP	12 12 35.8				6	142	.4	
10	ACA	IP	12 12 36.1				6	115	.7	
10	ASB	IP	12 12 36.8	25.6	.1	3.03	22	138	.2	
		IS	12 12 40.5						-.1	
10	ASD	IP	12 12 36.8	15.7	.1	2.84	25	121	-.1	
10	ANA	IP	12 12 37.5				29	298	.0	
10	SSI	IP C	12 12 41.4	97.5	.1	3.86	57	41	.1	
		IS	12 12 48.6						-.2	
10	RAT	IP	12 12 41.5				59	304	.0	
10	ASC	EP	12 38 0.0							
10	AND	EP	12 38 1.7							
10	ASB	IP	12 38 58.6	6.5	.1	2.57				
		IS	12 39 3.7							
10	ASD	IP	12 38 59.0	2.5	.1	2.18				
10	13 2 26.20		51.07 N 179.21 E DEPTH = 33.0 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	ASB	IP D	13 02 33.6	180.0	.1	4.00	32	4	-.1	
		IS	13 02 39.1						-.1	
10	ASD	IP D	13 02 33.8				37	14	-.4	
10	ACA	IP	13 02 34.3				46	352	-1.1	
10	ACB	IP	13 02 34.8				45	349	-.3	
10	ASC	IP C	13 02 35.2				44	356	.1	
10	ACC	IP	13 02 35.6				48	346	.1	
10	ACE	IP	13 02 35.8				37	356	1.6	
10	ACF	IP	13 02 36.5				53	343	.2	
10	AND	IP	13 02 37.0				58	342	.1	
10	ANA	IP	13 02 39.1				73	328	.1	
10	SSI	IP D	13 02 42.4	106.4	.1	4.09	95	16	.1	
10	RAT	IP	13 02 43.0				102	323	-.2	
10	15 29 18.97		52.01 N 179.64 E DEPTH = 138.7 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
10	SSI	IP D	15 29 37.7				14	195	-.0	
10	AND	EP	15 29 39.8				69	224	.0	
10	ACC	EP	15 29 39.8				72	215	-.2	
		IS	15 29 55.5						.2	
10	ASC	IP	15 29 39.9				70	208	.1	
10	ASD	IP	15 29 40.0				72	197	.0	
10	ACE	EP	15 29 40.0				76	206	-.2	
10	ACF	EP	15 29 40.0				70	220	.1	
10	ASB	IP	15 29 40.1				78	201	-.2	
		IS	15 29 55.7						-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 10	ACA	EP	15 29 40.1				69	212	.3	
. 10	ACB	EP	15 29 40.2				72	212	.2	
. 10	ANA	IP	15 29 40.6				80	238	.1	
. 10	RAT	IP	15 29 41.2				93	256	-.2	
.....										
10	RAT	IP	19 52 5.2	39.7	.1	3.76				
		IS	19 52 19.4							
10	ANA	IP	19 52 10.4							
10	AND	EP	19 52 11.7							
10	ASC	EP	19 52 13.8							
10	ASB	EP	19 52 14.6							
10	ASD	EP	19 52 15.8							
		ES	19 52 35.4							
10	SSI	IP	19 52 16.3	8.8	.1					
.....										
. 10	20 21 12.66	51.13 N 178.62 E DEPTH = 25.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 10	ACA	EP	20 21 21.7				52	42	-.5	
. 10	ASB	EP	20 21 21.8				51	60	-.1	
		ES	20 21 27.9						-.8	
. 10	ACE	EP	20 21 21.9				49	52	.2	
. 10	ACB	EP	20 21 22.2				50	42	.4	
. 10	ACF	EP	20 21 22.2				51	31	.2	
. 10	AND	IP	20 21 22.3				54	26	-.0	
. 10	ACC	EP	20 21 22.3				49	37	.6	
. 10	ASC	EP	20 21 22.4				53	46	.1	
. 10	ANA	IP	20 21 22.7				55	3	.1	
. 10	ASD	IP	20 21 22.8	3.2	.1	2.39	58	60	-.2	
. 10	RAT	IP	20 21 25.2				77	345	-.6	
. 10	SSI	EP	20 21 30.3				108	38	-.1	
		IS	20 21 43.5						.2	
.....										
. 10	20 40 33.43	51.48 N 179.40 E DEPTH = 57.4 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 10	ASD	IP	20 40 42.0	4.9	.1	2.53	11	202	-.2	
. 10	ASB	IP	20 40 42.3	4.1	.1	2.47	17	219	-.1	
		IS	20 40 49.4						.4	
. 10	ACC	EP	20 40 42.4				25	271	-.4	
		ES	00 00 0.0						.2	
. 10	ACA	EP	20 40 42.5				19	271	-.0	
. 10	ASC	IP	20 40 42.6				16	264	.2	
. 10	ACB	EP	20 40 42.8				21	265	.2	
. 10	ACF	EP	20 40 43.1				29	281	.1	
. 10	AND	IP	20 40 43.2				32	287	-.1	
. 10	SSI	IP	20 40 44.9				48	16	.3	
		IS	20 40 52.4						-.3	
. 10	RAT	IP	20 40 48.3				82	296	.1	
.....										
. 10	22 58 5.20	51.42 N 177.24 W DEPTH = 50.0 KM MB = 5.3						TELESEISMIC SOLUTION		
		ANDREANOF ISLANDS, ALEUTIANS ISLANDS								
. 10	ADK	IP D	22 58 17.5				64	36	-.1	FELT. 5.1 ML
		ES	22 58 28.0						1.3	
. 10	SSI	IP	22 58 38.1				226	285	.8	
. 10	ASD	IP	22 58 38.8				238	271	-.0	VERY LARGE.
. 10	ASB	EP	22 58 39.8				244	270	.2	
. 10	ASC	EP	22 58 40.9				250	273	.6	
. 10	AND	IP	22 58 43.2				265	275	1.1	
. 10	ANA	IP	22 58 45.8				285	276	1.1	
. 10	RAT	IP	22 58 48.8				310	280	1.1	
		E	22 59 6.2							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
10	SMY	EP	22 59 26.0				610	287	1.2	
11	1 0 18.20		51.54 N 178.94 E							DEPTH = 30.8 KM RAT ISLANDS, ALEUTIAN ISLANDS FREE DEPTH SOLUTION
11	AND	EP	01 00 23.3				3	18	.1	
11	ACF	IP	01 00 23.4				4	115	.1	
11	ACC	IP	01 00 23.6				9	132	.1	
		IS	01 00 26.7						-.6	
11	ASC	IP	01 00 23.8				18	119	-.2	
11	ACB	IP	01 00 24.1				14	130	.4	
11	ACA	IP	01 00 24.4				14	118	.7	
11	ASB	IP	01 00 25.1	3.7	.1	2.28	29	133	-.0	
		ES	01 00 29.0						-1.1	
11	ASD	EP	01 00 25.4	1.3	.1	1.84	32	121	-.1	
11	ANA	IP	01 00 25.5				22	296	1.2	
11	RAT	IP	01 00 25.7				51	304	-2.2	
11	SSI	IP	01 00 29.4				59	49	.4	
		IS	01 00 36.3						-.5	
11	ASC	EP	01 13 47.9							
11	ASD	EP	01 13 48.1	2.7	.1					
		ES	01 14 24.8							
11	ASB	EP	01 13 48.4							
11	5 36 50.20		51.54 N 179.98 E							DEPTH = 61.8 KM RAT ISLANDS, ALEUTIAN ISLANDS FREE DEPTH SOLUTION
11	ASD	IP	05 37 1.6	3.9	.1	2.55	47	250	-.1	
		ES	05 37 10.1						.1	
11	ASB	IP	05 37 2.4				54	249	.1	
		ES	05 37 11.1						-.1	
11	AND	EP	05 37 4.0				71	273	.0	
11	9 39 31.57		51.76 N 179.28 E							DEPTH = 174.6 KM RAT ISLANDS, ALEUTIAN ISLANDS FREE DEPTH SOLUTION
11	ASC	IP	09 39 55.1				34	194	-.0	
11	ASD	EP	09 39 55.3	4.5	.1	2.94	41	174	-.0	
11	ASB	EP	09 39 55.4	1.8	.1	2.55	45	183	-.0	
		ES	09 40 12.8						.0	
11	ADK	EP D	11 10 1.0							
		ES	11 10 10.3							
11	SSI	EP	11 10 22.2							
11	ASD	EP	11 10 23.1							
11	ASB	EP	11 10 24.2							VERY EMERG. S
		ES	11 10 52.0							
11	ASC	EP	11 10 25.2							
11	AND	EP	11 10 27.0							
11	ANA	EP	11 10 31.2							
11	SSI	IP D	13 53 4.1							
		IS	13 53 8.9							
11	ASD	IP D	13 53 8.1	12.5	.1	3.04				
11	ASC	IP	13 53 9.1							
11	ASB	IP C	13 53 9.2							
		IS	13 53 18.3							
11	ACC	IP	13 53 9.3							
11	ACB	EP	13 53 9.7							
11	ACE	IP	13 53 9.9							
11	AND	EP	13 53 10.1							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
11	ACF	IP	13 53 10.2							
11	ANA	IP	13 53 13.1							
11	RAT	IP	13 53 16.2							
		IS	13 53 30.8							
.....										
11	14 11 42.29	51.61 N 179.46 E DEPTH = 72.1 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
11	ASC	EP	14 11 53.3				27	231	-.1	
11	ASD	EP	14 11 53.4	5.0	.1	2.66	26	199	.0	
11	ASB	EP	14 11 53.6	3.7	.1	2.53	32	208	-.1	
		ES	14 12 2.0						-.0	
11	SSI	IP	14 11 53.7				32	15	-.0	
11	ACC	IP	14 11 53.7				33	244	-.0	
		IS	14 12 2.1						.0	
11	ACB	IP	14 11 53.7				31	237	.1	
11	AND	EP	14 11 53.8				36	261	-.1	
11	ACA	EP	14 11 53.8				28	239	.3	
11	ACF	IP	14 11 53.9				34	254	.1	
11	ANA	IP	14 11 55.4				56	272	.0	
.....										
11	ASB	EP	14 59 38.7							
		IS	14 59 52.9							
11	ASD	EP	14 59 39.1	8.4	.1	3.09				
		E(T)	15 00 52.7							
11	ASC	EP	14 59 40.0							
11	AND	EP	14 59 41.1							
11	ANA	EP	14 59 42.2							
11	RAT	IP	14 59 46.8							
11	SSI	IP	14 59 47.7							
		IS	15 00 11.1							
11	ASB	IP	15 02 49.1	11.8	.1	3.23				
		ES	15 03 3.2							
11	ASD	EP	15 02 49.6	7.4	.1	3.04				
11	ASC	EP	15 02 50.7							
11	AND	EP	15 02 51.5							
11	ANA	EP	15 02 52.8							
11	RAT	IP	15 03 53.7							
11	SSI	IP	15 03 58.1							
.....										
11	15 46 53.16	51.39 N 178.81 E DEPTH = 48.7 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
11	AND	EP	15 47 1.0				21	28	-.4	
11	ACC	EP	15 47 1.5				19	58	.2	
		ES	15 47 7.5						.3	
11	ASC	EP	15 47 1.8				26	73	.1	
11	ASB	IP C	15 47 2.1				31	97	.0	
		ES	15 47 8.1						-.5	
11	ASD	EP	15 47 2.8	1.3	.1	1.96	37	90	.2	
		IS	15 47 9.5						-.0	
11	SSI	IP	15 47 7.0				78	44	-.1	
		IS	15 47 17.3						.1	
.....										
11	16 21 33.39	51.34 N 179.68 E DEPTH = 53.5 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
11	ASD	IP C	16 21 42.4	51.9	.1	3.56	24	283	.1	
11	ASB	IP C	16 21 42.8	35.3	.1	3.41	30	274	.1	
		IS	16 21 49.9						.4	
11	ACA	IP	16 21 43.2				42	292	-.5	
11	ASC	IP	16 21 43.6				38	291	.2	
11	ACB	IP	16 21 43.6				43	289	-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 11	ACC	IP	16 21 43.8				47	290	-.4	
.		IS	16 21 51.8						-.2	
. 11	ACF	EP	16 21 44.8				52	294	.2	
. 11	AND	EP	16 21 44.9				56	296	-.2	
. 11	SSI	IP	16 21 45.7				62	354	.0	
.		IS	16 21 54.7						.1	
. 11	ANA	EP	16 21 48.0				77	295	.5	

. 11	16 38 41.36	51.41 N 178.78 E	DEPTH = 48.3 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
. 11	AND	IP C	16 38 49.4				21	34	-.1	
. 11	ACE	IP	16 38 49.6				27	91	-.4	
. 11	ACF	IP	16 38 49.6				20	48	.1	
. 11	ANA	IP	16 38 49.9				26	341	.0	
. 11	ACC	IP	16 38 49.9				20	64	.4	
. 11	ACB	IP	16 38 49.9				22	73	.3	
. 11	ACA	IP	16 38 49.9				25	70	.1	
. 11	ASC	IP	16 38 50.1				27	76	.1	
. 11	ASB	IP	16 38 50.3				33	99	-.1	
.		IS	16 38 56.5						-.5	
. 11	ASD	IP	16 38 50.9	2.0	.1	2.16	39	92	-.1	
. 11	RAT	IP	16 38 52.2				54	325	-.3	
. 11	SSI	IP	16 38 55.5				78	46	.2	
.		IS	16 39 5.2						-.2	

. 11	17 49 44.57	51.45 N 179.61 W	DEPTH = 80.7 KM					FREE DEPTH SOLUTION		
DELAROF ISLANDS, ALEUTIAN ISLANDS										
. 11	ASD	IP	17 49 59.9	14.3	.1	3.25	73	266	-.1	
. 11	SSI	IP	17 49 59.9				74	312	-.2	
.		IS	17 50 11.6						.2	
. 11	ASB	IP	17 50 .6				80	264	-.0	
.		IS	17 50 12.1						-.2	
. 11	ASC	IP	17 50 1.4				85	272	.3	
. 11	AND	EP	17 50 2.7				100	278	.0	
. 11	ANA	IP	17 50 5.2				121	280	.2	
. 11	RAT	IP	17 50 7.7				148	286	-.2	

. 11	RAT	IP	21 08 7.1	12.3	.1					
		ES	21 08 34.9							
. 11	SSI	IP	21 08 18.4							

.....										
. 12	0 29 53.14		51.73 N 179.24 E DEPTH = 72.2 KM					FREE DEPTH SOLUTION		
RAT ISLANDS, ALEUTIAN ISLANDS										
.....										
. 12	AND	EP	00 30	4.4			27	228	.1	
. 12	ASD	EP	00 30	4.8			38	170	-.1	
. 12	ANA	IP	00 30	5.1			42	255	-.1	
. 12	ASB	IP	00 30	5.2			41	180	.1	
.		ES	00 30	13.8					-.0	
.....										

. 12	0 33 19.32	51.38 N 178.75 E	DEPTH = 38.0 KM	FREE DEPTH SOLUTION						
.	RAT ISLANDS, ALEUTIAN ISLANDS									
. 12	AND	EP	00 33 26.5				25	35	-.1	
. 12	ANA	IP	00 33 26.9				28	348	.0	
. 12	ASC	IP	00 33 27.4				30	73	.3	
. 12	ASB	EP	00 33 27.6	2.3	.1	2.16	35	94	-.0	
.		ES	00 33 33.6						-.0	
. 12	ASD	EP	00 33 28.2	3.2	.1	2.34	41	88	-.1	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	ADK	IP	00 50 13.2							
		ES	00 50 36.0							
12	ASD	EP	00 50 48.3							
12	ASB	EP	00 50 49.4							
		ES	00 51 39.9							
12	ASC	EP	00 50 51.2							
12	AND	EP	00 50 52.3							
12	ANA	EP	00 50 56.3							

.....
 12 2 48 44.40 6.29 S 151.85 E DEPTH = 38.0 KM MB = 5.3 TELESEISMIC SOLUTION
 NEW BRITAIN REGION

12 ADK EP 02 59 15.0 7105 21

12	SSI	IP D	04 01 .5	6.1	.1	2.79				
		IS	04 01 10.0							
12	ASD	IP	04 01 5.4	2.4	.1					
12	ASB	EP	04 01 6.5	6.8	.1					
12	ASC	EP	04 01 7.1							
12	AND	EP	04 01 7.4							
		ES	04 01 23.4							
12	AND	EP	04 46 41.5							
12	ASD	EP	04 46 43.5							
12	ASB	EP	05 59 45.9	4.2	.1					
		ES	06 00 2.3							
12	ASD	IP	05 59 46.5	7.0	.1					
12	ASC	IP	05 59 46.9							
12	ACE	EP	05 59 46.9							
12	ACC	IP	05 59 47.1							
		IS	06 00 4.5							
12	AND	EP	05 59 47.5							
12	ANA	EP	05 59 48.1							
12	RAT	IP	05 59 50.0	5.7	.1					
		ES	06 00 10.4							
12	SSI	IP	05 59 54.9							
12	ADK	EP	06 21 40.7							
		ES	06 21 50.5							

.....
 12 6 22 56.65 51.37 N 179.61 E DEPTH = 26.0 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

12	ASD	IP D	06 23 1.7				19	276	-2	
12	ASB	IP C	06 23 2.3				25	267	-3	
12	ACA	IP	06 23 3.1				36	289	-8	
12	ACB	IP	06 23 3.7				37	286	-4	
12	ASC	IP	06 23 3.9				32	288	-4	
12	ACC	IP	06 23 4.3				41	288	-3	
12	ACE	IP	06 23 5.0				30	276	1.8	
12	ACF	IP	06 23 5.7				46	292	.4	
12	AND	IP	06 23 6.2				50	295	.3	
12	SSI	IP	06 23 7.0				58	359	.0	
12	ANA	EP	06 23 9.0				71	293	.1	
		ES	06 23 17.9						-0	
12	RAT	IP	06 23 13.0				100	299	-2	

.....
 12 ADK EP 06 38 5.0

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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12	6 44	48.89	51.37 N 179.01 E	DEPTH = 42.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

12	ACA	IP	06 44 55.7				14	32	-.4	
12	ASB	IP C	06 44 55.8				16	95	-.4	
		IS	06 45 1.5						.0	
12	ACB	IP	06 44 55.9				11	29	-.0	
12	ACE	IP	06 44 56.2				11	75	.3	
12	ACC	IP	06 44 56.2				12	10	.2	
12	ASD	IP C	06 44 56.3				23	85	-.3	
12	ASC	IP D	06 44 56.3				14	47	.2	
12	ACF	IP	06 44 56.6				17	356	.4	
12	AND	IP	06 44 56.7				21	349	.2	
12	ANA	IP	06 44 58.3				37	319	.4	
		IS	06 45 3.6						-.9	
12	RAT	IP	06 45 1.2				67	315	-.2	
12	SSI	IP C	06 45 1.8				70	34	.0	

12	7 28	5.29	51.42 N 179.68 E	DEPTH = 60.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

12	ASD	IP	07 28 14.7	3.8	.1	2.46	24	263	-.2	
		IS	07 28 22.3						.3	
12	ASB	IP	07 28 15.3	2.8	.1	2.35	31	258	-.1	
12	ACA	IP	07 28 15.7				40	280	-.3	
12	ASC	IP	07 28 15.8				36	278	.1	
12	ACB	IP	07 28 15.9				41	277	-.2	
12	ACC	EP	07 28 16.1				45	280	-.3	
		IS	07 28 24.4						-.2	
12	ACE	EP	07 28 16.5				35	267	.8	
12	SSI	IP	07 28 17.2				53	353	.0	
12	RAT	IP	07 28 22.8				103	295	.2	

12	9 12	47.74	51.30 N 178.17 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

12	RAT	IP C	09 12 57.6	8.5	.1	2.80	56	11	-.2	
12	AND	EP	09 12 58.6				62	62	.0	
12	ASC	EP	09 13 .6				71	75	.6	
12	ASB	EP	09 13 .6				75	85	.0	
		ES	09 13 9.2						-.7	
12	ASD	EP	09 13 1.4				82	83	-.2	
12	SSI	IP D	09 13 6.8				118	56	-.2	
		IS	09 13 21.3						.4	

12	9 55	22.40	49.90 N 179.12 E	DEPTH = 75.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

12	ASB	IP	09 55 46.8	2.6	.1	2.71	163	3	-.5	
		ES	09 56 2.8						-2.7	
12	ASD	IP	09 55 47.2	1.5	.1	2.49	166	5	-.6	
12	AND	EP	09 55 49.5				185	356	-.5	
12	RAT	IP	09 55 54.8				218	346	.8	
		IS	09 56 16.7						-.4	
12	SSI	EP	09 55 55.5	4.4	.1		224	8	.8	
		IS	09 56 18.6						.3	

12	ADK	EP	10 01 56.6							
12	SSI	IP	10 02 27.2	23.9	.1	3.31				
		IS	10 02 35.1							
12	ASD	EP	10 02 29.9	5.3	.1					

TELESEISMIC

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
12	ASB	EP	10 02 30.3	37.3	.2					
12	ACA	EP	10 02 31.3							
12	ASC	EP	10 02 31.5							
12	ACC	EP	10 02 31.6							
12	ACB	EP	10 02 31.9							
12	ACE	EP	10 02 32.2							
12	AND	EP	10 02 32.5							
12	RAT	EP	10 02 37.6							
.....										
12	10 33 35.73	51.46 N 178.75 E DEPTH = 46.4 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ACC	EP	10 33 43.8				21	81	.1	
12	ACB	EP	10 33 43.9				24	88	.0	
12	ACA	EP	10 33 43.9				26	83	-.2	
12	RAT	EP	10 33 46.1				48	323	-.0	
12	SSI	EP	10 33 49.4				76	50	.0	
		IS	10 33 59.3						-.0	
.....										
12	11 0 6.23	51.33 N 178.64 E DEPTH = 28.8 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
12	ANA	IP	11 00 13.4				33	2	-.0	
12	AND	IP	11 00 13.4				34	40	-.1	
12	ACE	IP	11 00 13.5				38	78	-.5	
12	ACF	EP	11 00 13.5				33	48	.1	
12	ACB	EP	11 00 13.9				35	64	.3	
12	ACA	EP	11 00 13.9				37	63	-.0	
12	ACC	EP	11 00 14.1				33	58	.7	
12	ASC	IP	11 00 14.5				39	67	.3	
12	ASB	EP	11 00 14.5	3.3	.1	2.31	42	85	-.1	
		ES	11 00 19.9						-.7	
12	ASD	EP	11 00 15.3	2.1	.1	2.16	49	82	-.2	
12	RAT	EP	11 00 16.1				57	338	-.4	
12	SSI	IP	11 00 21.7	31.0	.1	3.53	91	46	.2	
		IS	11 00 32.3						-.3	
.....										
12	11 59 14.10	53.27 N 173.81 W DEPTH = 33.0 KM MB = 3.9					TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIAN IS.										
12	ADK	EP	11 59 47.0				249	233		
		ES	12 00 15.7							
12	SSI	EP	12 00 18.5	62.9	.1		474	254		
		ES	12 01 12.4							
12	ASD	EP	12 00 22.2				512	249		
12	ASB	EP	12 00 23.1				519	249		
		ES	12 01 18.2							
12	ACA	EP	12 00 24.0				522	250		
12	ASC	EP	12 00 24.1				520	250		
12	ACB	EP	12 00 24.9				524	250		
12	ACE	EP	12 00 24.9				522	249		
12	AND	EP	12 00 25.3				528	252		
12	ACC	IP	12 00 25.3				526	251		
12	ACF	EP	12 00 26.							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
12	12 0	51.90	65.07 N 146.21 W	DEPTH = 10.0 KM		MB = 4.0	TELESEISMIC SOLUTION			
			ALASKA							
.....										
12	12 51	47.14	51.03 N 179.59 W	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASD	EP	12 52 1.3	5.3	.1	2.78	85	299	-.7	
		ES	12 52 12.0						-.8	
12	ASB	EP	12 52 2.0				89	295	-.5	
		ES	12 52 14.4						.7	
12	ASC	EP	12 52 3.6				99	299	-.1	
12	SSI	IP D	12 52 5.2				112	329	-.0	
12	AND	EP	12 52 6.1				118	301	.1	
12	ANA	EP	12 52 9.4				139	299	.8	
12	RAT	IP C	12 52 12.6				168	301	.4	
.....										
12	12 54	31.03	50.87 N 179.21 W	DEPTH = 50.0 KM		FIXED DEPTH SOLUTION				
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
12	ASD	EP	12 54 49.1	3.2	.1	2.66	117	300	-.7	
12	ASB	EP	12 54 50.5				121	298	.2	
		ES	12 55 2.1						-2.3	
12	ASC	EP	12 54 51.2				132	301	-.4	
12	SSI	IP C	12 54 52.8	17.1	.1	3.45	142	324	-.0	
12	RAT	IP	12 55 1.0				200	302	1.0	
		ES	12 55 21.2						-.0	
.....										
12	RAT	EP	15 29 21.6	50.4	.2					
		IS	15 29 56.0							
12	ANA	IP	15 29 24.4							
12	AND	EP	15 29 26.1							
12	ASB	EP	15 29 28.2	5.1	.1					
		ES	15 30 6.2							
12	ASC	EP	15 29 28.4							
12	ASD	EP	15 29 29.1	5.0	.1					
12	SSI	IP D	15 29 33.1							
.....										
12	21 12	25.98	51.15 N 177.59 W	DEPTH = 25.0 KM		FIXED DEPTH SOLUTION				
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
12	ADK	EP	21 12 44.1				103	37	1.2	
		ES	21 12 55.9						.6	
12	ASD	EP	21 12 57.4	37.1	.1		215	278	-.9	
		ES	21 13 22.4						.5	
12	SSI	IP C	21 12 57.7	11.4	.2		212	294	-.2	
12	ASB	EP	21 12 58.9				221	277	-.2	
12	ASC	EP	21 13 0.0				228	280	.1	
12	AND	EP	21 13 2.0				245	282	.1	
12	ANA	EP	21 13 5.0				266	283	.5	
.....										
12	ADK	EP	22 09 50.3							
		ES	22 09 59.4							
.....										
13	0 26	53.24	52.30 N 178.47 E	DEPTH = 133.6 KM		FREE DEPTH SOLUTION				
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ANA	IP	00 27 14.0				76	170	.0	
13	AND	EP	00 27 14.7				89	158	-.1	
13	ASC	IP D	00 27 16.3				105	153	.2	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	ASD	IP C	00 27 17.1	2.7	.1	2.71	118	149	-.1	
13	ASB	EP	00 27 17.1	1.9	.1	2.57	118	153	-.0	
		ES	00 27 34.6						.0	
.....										
13	4 53	1.88	51.41 N 178.80 E	DEPTH = 48.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	AND	EP	04 53 9.9				20	32	-.2	
13	ACE	IP	04 53 10.1				26	92	-.3	
13	ACF	EP	04 53 10.1				19	46	.1	
13	ACB	IP	04 53 10.3				21	74	.2	
13	ACA	IP	04 53 10.3				24	70	.0	
13	ACC	EP	04 53 10.4				19	64	.4	
		IS	04 53 16.2						.3	
13	ASC	IP	04 53 10.6				26	77	.2	
13	ASB	IP	04 53 10.8	3.1	.1	2.33	32	100	-.1	
		ES	04 53 16.9						-.5	
13	ASD	EP	04 53 11.5	6.6	.1	2.68	38	93	.1	
		ES	04 53 18.0						-.4	
13	RAT	EP	04 53 12.7				54	323	-.4	
13	SSI	IP	04 53 16.0				77	45	.3	
		IS	04 53 25.4						-.3	
.....										
13	5 5	34.01	51.44 N 179.55 E	DEPTH = 57.7 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASD	IP	05 05 42.7	4.8	.1	2.53	16	250	-.3	
13	ASB	IP	05 05 43.2				23	248	-.1	
		IS	05 05 50.5						.4	
13	ACA	EP	05 05 43.5				30	279	-.3	
13	ASC	IP	05 05 43.6				27	276	.0	
13	ACB	EP	05 05 43.8				32	275	-.1	
13	ACC	EP	05 05 43.8				36	278	-.4	
13	ACE	EP	05 05 44.3				27	261	.8	
13	AND	EP	05 05 44.7				44	289	-.1	
13	SSI	EP	05 05 45.7				51	3	.2	
		IS	05 05 53.6						-.2	
13	RAT	EP	05 05 50.3				93	296	.2	
.....										
13	6 48	31.94	51.46 N 179.85 E	DEPTH = 73.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	06 48 43.5	1.1	.1	2.03	36	258	-.2	
		ES	06 48 52.5						.2	
13	ASB	EP	06 48 44.1				43	256	-.1	
		ES	06 48 53.2						.1	
13	ASC	IP	06 48 44.5				47	271	.0	
13	SSI	EP	06 48 45.1				52	340	.3	
		IS	06 48 53.9						-.3	
13	AND	EP	06 48 45.8				63	281	-.0	
.....										
13	RAT	IP	07 57 11.4	243.4	.1					
13	ANA	EP	07 57 14.6							
13	AND	IP	07 57 17.4							COMPLEX P
13	ASC	EP	07 57 19.3							
13	ASB	EP	07 57 20.8							
		ES	07 57 43.5							
13	ASD	IP D	07 57 21.2							
13	SSI	IP	07 57 23.2							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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13	8 56	5.25	51.60 N 179.33 E			DEPTH = 72.9 KM			FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASD	EP	08 56 16.0	2.1	.1	2.27	23	177	-.3	
13	ASC	EP	08 56 16.4				19	217	.3	
13	ASB	EP	08 56 16.5				27	192	.0	
		ES	08 56 24.7						.0	
13	SSI	EP	08 56 17.2				38	29	.1	
		IS	08 56 25.6						-.1	
13	RAT	EP	08 56 19.9				72	289	-.1	

13	9 28	29.57	50.97 N 178.10 W			DEPTH = 50.0 KM			FIXED DEPTH SOLUTION	
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
13	ADK	EP D	09 28 52.1				141	44	.8	
		ES	09 29 7.8						.7	
13	ASD	IP	09 28 56.1				184	286	-.5	
13	ASB	IP	09 28 57.1				190	284	-.2	
		ES	09 29 16.7						-.8	
13	SSI	IP	09 28 57.2	146.3	.1	4.49	190	303	-.1	
13	ASC	IP	09 28 58.2				198	287	-.1	
13	AND	EP	09 29 .6				215	289	.2	
13	ANA	EP	09 29 3.7				237	289	.6	
13	RAT	IP	09 29 6.7				264	292	.2	
		ES	09 29 34.1						.7	

13	10 5	35.29	51.40 N 177.96 E			DEPTH = 42.5 KM			FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
13	RAT	IP	10 05 45.9				51	30	.0	
		ES	10 05 52.6						-1.0	
13	ANA	IP	10 05 46.6				55	62	.3	
13	AND	IP	10 05 48.2				71	75	-.1	
13	ACF	IP	10 05 48.8				73	78	.3	
13	ACE	IP	10 05 49.1				84	89	-.8	
13	ACC	EP	10 05 49.7				75	82	.9	
		ES	10 05 59.8						1.1	
13	ACB	EP	10 05 49.7				79	84	.5	
13	ASC	EP	10 05 50.0				84	85	.1	
13	ACA	EP	10 05 50.1				81	83	.6	
13	ASB	EP	10 05 50.5	6.2	.1	2.85	89	92	-.0	
		ES	10 06 1.5						-.2	
13	ASD	IP D	10 05 51.3	8.3	.1	2.99	96	90	-.0	
13	SSI	IP	10 05 54.9				125	63	-.1	

13	11 16	43.74	50.92 N 178.35 E			DEPTH = 50.0 KM			FIXED DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS										
13	ASB	EP	11 16 58.0				80	52	.1	
		ES	11 17 8.3						-.0	
13	AND	EP	11 16 58.3				83	30	-.1	
13	ASC	EP	11 16 58.5				83	43	.1	
13	ASD	EP	11 16 58.7				87	52	-.1	

13	SSI	IP	12 48 15.1							
13	ASD	EP	12 48 18.3	9.5	.1					
13	ASB	EP	12 48 19.2							
		ES	12 49 8.6							
13	ACA	EP	12 48 19.5							
13	ASC	EP	12 48 19.6							
13	ACB	EP	12 48 19.7							

MAY 1971	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
13	ACC	EP	12 48 19.9							
13	AND	EP	12 48 20.4							
13	ANA	EP	12 48 22.8							
13	12 51 50.89	51.23 N 178.79 E	DEPTH = 23.3 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ASB	EP	12 51 57.9				35	65	-.0	
		ES	12 52 3.0						-.0	
13	ASC	EP	12 51 58.2				37	45	.1	
13	AND	EP	12 51 58.4				39	17	-.0	
13	ASD	EP	12 51 58.9				43	64	-.0	
13	SSI	IP C	14 03 54.0	13.2	.1	3.30				
		IS	14 04 8.9							
13	ASD	EP	14 03 57.3	8.4	.1	3.16				
13	ASB	EP	14 03 58.6	8.1	.1	3.17				
		ES	14 04 16.9							
13	ACB	EP	14 03 59.6							
13	ACA	EP	14 03 59.1							
13	ACC	EP	14 03 59.4							
		ES	14 04 18.5							
13	ACE	EP	14 04 .2							
13	ASC	IP	14 03 59.5							
13	AND	EP	14 04 .3							
13	ASB	EP	14 15 4.8	2.4	.1	2.65				
		ES	14 15 23.5							
13	AND	EP	14 15 5.4							
13	ASD	EP	14 15 5.5	2.5	.1	2.68				
13	ASC	EP	14 15 5.7							
13	RAT	EP	14 15 6.7							
13	SSI	IP	14 15 13.6	7.3	.1					
		IS	14 15 38.7							
13	ASD	IP	15 22 32.9	2.2	.1	1.87				
13	ASB	IP	15 22 34.0							
		IS	15 22 37.6							
13	ASC	IP	15 22 34.5							
13	15 55 44.44	52.02 N 179.55 W	DEPTH = 120.6 KM							FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
13	SSI	IP	15 56 2.8				61	257	-.0	
		I(S)	15 56 20.8						4.6	
13	ASD	EP	15 56 5.9	1.4	.1	2.39	104	228	-.1	
13	ASB	EP	15 56 6.5				111	229	-.1	
13	ASC	EP	15 56 6.7				108	235	.3	
		ES	15 56 22.4						-.0	
13	RAT	IP	15 56 10.1				148	261	-.0	
13	16 57 39.67	50.24 N 178.32 E	DEPTH = 0.0 KM							FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
13	ASB	IP	16 58 3.6	7.4	.1	3.06	141	27	.2	
13	ASD	EP	16 58 4.2	4.8	.1	2.89	147	29	-.1	
		IS	16 58 22.3						.0	
13	ASC	EP	16 58 4.7				148	23	.1	
13	AND	EP	16 58 5.5				154	17	.1	
13	RAT	IP	16 58 8.3				173	0	-.0	
		IS	16 58 29.2						-.0	
13	SSI	IP	16 58 12.7	30.7	.1		204	25	-.3	

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14	1 55	1.10	51.65 N	177.31 W	DEPTH = 60.0 KM	MB = 4.9	TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
14	ADK	IP D	01 55 11.9		50	59	- .8
		ES	01 55 21.1				- .0
14	SSI	IP C	01 55 33.0		216	278	.9
14	ASD	EP	01 55 33.9		234	264	- .4
14	ASB	EP	01 55 34.9	257.4 .2	241	264	- .3
		E(S)	01 56 6.7				6.6
14	ASC	IP C	01 55 36.0		245	266	.3
14	AND	E(P)	01 55 38.1		259	269	.7
14	ANA	EP	01 55 40.8		279	271	1.0
14	RAT	EP	01 55 43.7		301	275	1.1
14	GMA	EP	01 58 49.5		1791	25	3.0

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	5	5	32.00	51.56 N	178.67 E	DEPTH = 71.9 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
14	ANA	IP D	05 05 42.5				7	355	.0	
14	AND	IP D	05 05 42.9				20	90	.1	
14	RAT	IP C	05 05 43.5				35	318	-.1	
14	ASC	IP C	05 05 43.7				36	108	.1	
14	ASB	IP D	05 05 44.3	874.5	.3	4.46	46	119	-.0	
		E(S)	05 05 53.2						-.1	
14	ASD	IP D	05 05 44.6				50	112	-.1	WHITEOUT
14	SSI	IP	05 05 46.7				73	60	-.0	
14	6	28	2.01	51.73 N	178.82 E	DEPTH = 74.7 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
14	AND	EP	06 28 13.2				20	153	.0	
		ES	06 28 21.2						-.1	
14	RAT	IP	06 28 13.8	12.0	.1	3.06	35	284	-.1	
14	ASC	E(P)	06 28 14.1				38	141	.1	
14	ACB	EP	06 28 14.1				35	147	.3	
14	ASB	EP	06 28 14.8				50	144	-.1	
14	ASD	EP	06 28 14.9	.7	.1	1.86	52	136	-.1	
14	8	10	25.87	51.39 N	178.78 E	DEPTH = 48.2 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
14	AND	EP	08 10 34.0				22	31	-.1	
14	ACE	IP C	08 10 34.0				27	88	-.4	
14	ACF	IP	08 10 34.0				21	44	-.0	
14	ACC	IP C	08 10 34.4				21	60	.4	
14	ACB	IP	08 10 34.4				23	69	.3	
14	ACA	EP	08 10 34.4				25	67	.1	
14	ASC	IP C	08 10 34.6				28	73	.1	
14	ASB	EP	08 10 34.9	2.4	.1	2.22	32	96	.0	
		ES	08 10 41.0						-.4	
14	ASD	EP	08 10 35.5	3.5	.1	2.41	39	90	.1	
14	RAT	E(P)	08 10 37.0				55	325	-.2	
14	SSI	IP	08 10 39.9	5.9	.1	2.80	79	45	-.0	
14	8	42	21.79	52.05 N	179.80 E	DEPTH = 144.6 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
14	SSI	EP	08 42 41.4	3.2	.1	2.71	23	219	-.0	
14	ASD	E(P)	08 42 43.9	1.0	.1	2.25	80	203	-.0	
14	ASB	IP C	08 42 44.1	2.9	.1	2.73	86	206	-.2	
		ES	08 43 .7						-.0	
14	ASC	E(P)	08 42 44.1				79	214	.3	
14	RAT	IP	08 42 45.6	2.5	.1	2.69	105	255	-.0	
14	9	58	51.31	52.08 N	178.26 E	DEPTH = 136.4 KM	FREE DEPTH SOLUTION			
				RAT ISLANDS, ALEUTIAN ISLANDS						
14	RAT	EP	09 59 10.1	4.9	.1	2.88	31	172	-.1	
14	ANA	EP	09 59 11.3				57	151	.1	
14	AND	E(P)	09 59 12.1				74	140	-.1	
14	SSI	EP	09 59 13.5	2.4	.1	2.64	93	102	.0	
14	ASC	EP	09 59 13.7				92	137	.3	
14	ASD	EP C	09 59 14.3	2.0	.1	2.57	106	135	-.2	
14	ASB	E(P)	09 59 14.4	1.2	.1	2.35	105	139	.0	
		E(S)	09 59 31.2						-.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
14	ASD	E(P)	10 42 41.8							VERY EMERGENT
		I	10 42 59.2							
		I(S)	10 43 34.4							
14	ASB	E(P)	10 42 42.2							ALL STATIONS
14	ASC	E(P)	10 42 44.1							COMPLEX PHASING
14	AND	E(P)	10 42 45.3							
14	RAT	EP	12 01 3.3	5.8	.1					
14	AND	EP	12 01 7.8							
14	ASB	E(P)	12 01 9.9	.5	.1					
		ES	12 01 46.4							
14	ASC	E(P)	12 01 9.9							
14	ASD	E(P)	12 01 10.8							
		IS	12 01 47.1							
14	SSI	E(P)	12 01 15.3							

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14	13 17 27.90	51.01° N 175.94° E	DEPTH = 21.0 KM	MB = 4.6	TELESEISMIC SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS					
14	RAT	IP C	13 17 56.9	188 61	-.3
14	ANA	IP	13 17 58.4	201 69	-.4
14	AND	IP D	13 18 .2	218 72	-.8
14	SMY	EP	13 18 .6	230 327	-1.8
14	ASC	IP	13 18 1.7	230 76	-.7
14	ASB	IP	13 18 1.9	234 79	-.9
		ES	13 18 27.0		-1.3
14	ASD	IP	13 18 2.8	241 78	-.9
14	SSI	IP C	13 18 8.4	271 67	.9
14	GMA	EP	13 21 47.0	2080 31	-3.8

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14	15 0 35.10	62.45° N 151.14° W	DEPTH = 82.0 KM	MB = 4.3	TELESEISMIC SOLUTION
CENTRAL ALASKA					

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14	15 3 39.88	51.28° N 178.63° E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS					
14	AND	EP	15 03 47.2	39 36 -.3	
14	ACE	EP	15 03 47.4	40 70 -.3	
14	ACF	EP	15 03 47.4	38 43 .1	
14	ACB	EP	15 03 47.8	38 57 .4	
14	ACA	E(P)	15 03 47.9	41 56 .1	
14	ASC	EP	15 03 48.0	43 61 -.0	
14	ASB	E(P)	15 03 48.4	44 78 .2	
		ES	15 03 54.5		.2
14	ASD	E(P)	15 03 49.0	.6 .1 1.59 51 76	-.2
		IS	15 03 55.8		-.2

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14	ASD	EP	16 11 28.3	.8 .1 1.52
14	ASB	EP	16 11 29.5	2.9 .1 2.15
		ES	16 11 33.8	
14	ASC	E(P)	16 11 29.7	

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14	16 37 23.40	51.85° N 179.64° E	DEPTH = 112.0 KM	FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS					
14	SSI	EP	16 37 38.8	5.9 .1 2.88 6 321 .0	
14	ASC	EP	16 37 40.4	54 218 -.1	
14	AND	EP	16 37 40.5	57 236 -.1	
14	ASD	EP	16 37 40.6	5.5 .1 2.88 55 202 .1	
14	ASB	EP	16 37 40.8	10.5 .1 3.18 61 207 -.1	
		ES	16 37 53.6		-.0

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 14	ANA	IP	16 37 41.8				72	250	.2	
. 14	RAT	IP	16 37 43.0				91	267	-.1	
.....										
. 14	17 35 53.01	51.20 N 178.81 E DEPTH = 30.5 KM							FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 14	ACA	IP	17 36 .3				38	34	-.6	
. 14	ASB	EP	17 36 .5	1.4	.1	1.90	35	59	-.1	
		ES	17 36 6.1						-.0	
. 14	ACB	IP	17 36 .6				35	33	.0	
. 14	ACE	IP	17 36 .7				34	48	.3	
. 14	ACC	IP C	17 36 1.0				36	26	.4	
. 14	ACF	EP	17 36 1.1				39	19	.1	
. 14	AND	EP	17 36 1.2				42	13	-.2	
. 14	ASD	E(P)	17 36 1.5				43	59	-.0	
. 14	SSI	IP C	17 36 8.9	2.9	.1	2.52	94	34	.1	
.....										
. 14	22 46 13.87	52.23 N 178.57 E DEPTH = 186.2 KM							FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 14	AND	E(P)	22 46 40.5				79	160	.0	
. 14	SSI	IP C	22 46 40.5	4.1	.1	2.95	79	118	-.0	
. 14	ASB	E(P)	22 46 42.1				108	154	-.1	
		E(S)	22 47 2.8						-.0	
. 14	ASD	EP	22 46 42.2	2.2	.1	2.71	108	150	.0	
.....										
. 15	0 38 50.97	52.00 N 178.57 E DEPTH = 129.3 KM							FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 15	ANA	IP	00 39 9.4				42	171	.0	
. 15	AND	IP	00 39 9.9				55	151	-.1	
. 15	ASC	EP	00 39 11.0				72	145	.0	
. 15	ASB	IP	00 39 11.8	7.1	.1	3.08	85	146	-.1	
		ES	00 39 27.1						.0	
. 15	ASD	IP	00 39 12.0	8.8	.1	3.18	86	141	.1	
.....										
. 15	ADK	EP	01 39 29.8							
		ES	01 39 52.2							
. 15	ASD	EP	01 39 56.6	1.4	.1					
. 15	ASB	EP	01 39 57.3							
. 15	ASC	EP	01 39 58.8							
.....										
. 15	3 9 34.46	51.86 N 177.92 E DEPTH = 116.0 KM							FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 15	RAT	IP	03 09 50.6	32.2	.1	3.64	29	104	-.2	
		IS	03 10 2.8						.1	
. 15	ANA	IP	03 09 52.4				57	117	.3	
. 15	AND	EP	03 09 53.4				78	115	-.1	
. 15	ASC	EP	03 09 55.0				97	117	.0	
. 15	ASD	EP	03 09 56.3				111	118	.0	
		ES	03 10 12.1						-.1	
. 15	SSI	IP	03 09 56.6				114	88	.0	
.....										
. 15	RAT	EP	06 17 33.2							
		ES	06 17 49.4							
. 15	ANA	IP	06 17 37.1							
. 15	AND	EP	06 17 39.5							
. 15	ASC	EP	06 17 41.2							
. 15	ASB	EP	06 17 42.4							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
15	ASD	EP	06 17 43.6							
		ES	06 18 8.2							
15	SSI	EP	06 17 45.2							
15	RAT	IP D	10 13 53.4							
		IS	10 14 9.5							
15	ANA	IP	10 13 56.7							
15	AND	EP	10 13 59.3							
15	ASC	EP	10 14 1.3							
15	ASB	EP	10 14 2.0							
		ES	10 14 24.0							
15	ASD	EP	10 14 2.8	6.2	.1					
15	SSI	IP	10 14 3.4							
15	SSI	EP	10 56 58.9	5.1	.1					
		IS	10 57 20.9							
15	ASD	EP	10 57 1.6							
15	ASB	EP	10 57 2.4							
		ES	10 57 27.0							
15	ASC	EP	10 57 3.0							

.....

15	11 51 15.09	51.55 N 177.37 W	DEPTH = 0.0 KM	FIXED DEPTH SOLUTION	
ANDREANOF ISLANDS, ALEUTIANS ISLANDS					

.....

15	ADK	IP C	11 51 27.4			60	51	1.4
		IS	11 51 35.5					1.5
15	SSI	EP	11 51 49.7	30.7	.1	213	282	-.1
15	ASD	EP	11 51 51.4			229	267	-.4
15	ASB	EP	11 51 52.4			236	266	-.3
		ES	11 52 20.6					.5
15	ASC	EP	11 51 53.3			240	269	.0
15	AND	EP	11 51 55.0			255	272	-.0
15	ANA	EP	11 51 58.0			275	273	.5
15	RAT	EP	11 52 .3			298	277	-.1

.....

.....

15	12 23 44.25	51.27 N 178.67 E	DEPTH = 33.1 KM	FREE DEPTH SOLUTION	
RAT ISLANDS, ALEUTIAN ISLANDS					

.....

15	ACE	IP	12 23 52.2			38	67	-.2	
15	AND	IP D	12 23 52.3			38	31	-.1	
15	ACB	IP	12 23 52.4			36	54	.2	
15	ACA	IP	12 23 52.4			39	53	-.1	
15	ACF	IP	12 23 52.4			36	38	.2	
15	ANA	IP D	12 23 52.7			39	359	.1	
15	ASB	IP C	12 23 52.7			41	76	-.1	
		IS	12 23 58.4					-.6	
15	ACC	IP	12 23 52.7			35	47	.6	
15	ASC	IP D	12 23 52.8			40	58	.1	
15	ASD	IP C	12 23 53.5	6.2	.1	2.64	48	74	-.2
15	RAT	IP D	12 23 55.2	27.3	.1	3.36	63	338	-.5
15	SSI	IP	12 24 .3	44.3	.1	3.70	94	42	.2
		IS	12 24 11.4					-.2	

.....

15	RAT	IP	12 57 12.9	11.2	.1	3.01		
		ES	12 57 21.4					
15	SSI	IP	12 57 22.6					
		IS	12 57 38.4					
15	ADK	EP	13 18 39.4					
		ES	13 19 32.0					
15	ADK	EP	14 18 39.4					
		ES	14 19 32.0					

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
15	19 32	28.62	51.72 N 179.64 E	DEPTH = 95.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
15	SSI	IP	19 32 42.3				20	349	.1	
		ES	19 32 52.0						-.1	
15	ASD	EP	19 32 42.9	2.4	.1	2.45	42	210	-.2	
		ES	19 32 53.9						.2	
15	ACC	IP	19 32 43.3				49	239	-.2	
		ES	19 32 54.5						.1	
15	ASB	IP	19 32 43.4	4.7	.1	2.76	48	215	-.1	
		ES	19 32 54.2						-.1	
15	ASC	EP	19 32 43.4				44	230	.2	
15	ACB	IP	19 32 43.5				48	234	.1	
15	ACE	IP	19 32 43.7				48	223	.2	
15	20 33	6.61	51.39 N 178.86 E	DEPTH = 46.4 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
15	ACE	IP	20 33 14.2				22	88	-.4	
15	ACF	IP	20 33 14.2				17	32	-.2	
15	ACB	EP	20 33 14.5				18	64	.1	
15	ACA	EP	20 33 14.5				20	61	-.0	
15	ACC	EP	20 33 14.5				16	51	.2	
15	ASC	EP	20 33 14.8				22	70	.1	
15	ASB	EP	20 33 15.0				27	98	-.0	
15	ASD	EP	20 33 15.6	2.9	.1	2.30	33	90	.1	
		ES	20 33 22.1						.1	
15	SSI	IP	20 33 20.2				75	42	.1	
		IS	20 33 29.9						-.1	
15	21 5	58.65	51.48 N 179.50 E	DEPTH = 62.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
15	ASD	IP	21 06 8.1				15	229	-.1	
15	ASB	IP	21 06 8.5				22	233	-.0	
		IS	21 06 15.6						-.1	
15	ACA	IP	21 06 8.6				27	271	-.1	
15	ASC	IP	21 06 8.7				23	266	.1	
15	ACC	IP	21 06 8.8				32	271	-.3	
		IS	21 06 16.5						-.1	
15	ACB	IP	21 06 8.9				29	267	.0	
15	ACE	IP	21 06 9.2				24	249	.6	
15	AND	IP	21 06 9.3				39	284	-.3	
15	SSI	EP	21 06 9.9				46	.7	-.3	
		IS	21 06 18.9						.4	
15	ANA	IP	21 06 11.7				60	286	.3	
15	21 41	18.99	50.97 N 179.83 W	DEPTH = 42.5 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
15	ASD	EP	21 41 32.0				75	309	-.4	
15	ASB	EP	21 41 32.6				78	304	-.2	
		ES	21 41 42.6						-.3	
15	ACA	EP	21 41 33.5				93	308	-1.2	
15	ASC	EP	21 41 34.3				89	308	.1	
15	ACB	EP	21 41 34.4				93	306	-.3	
15	ACC	EP	21 41 35.0				97	306	-.2	
		IS	21 41 46.9						-.2	
15	ACE	EP	21 41 35.5				85	305	1.8	
15	AND	EP	21 41 36.2				107	308	-.3	
15	ACF	EP	21 41 36.3				103	307	.4	
15	SSI	IP	21 41 36.7	23.9	.1	3.50	110	339	-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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	IS		21 41 50.0						.1	
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16	RAT	EP	00 00 59.4							
		IS	00 01 27.9							
16	ANA	EP	00 01 3.9							
16	AND	EP	00 01 5.5							
		ES	00 01 43.1							
16	ASC	EP	00 01 8.6							
16	SSI	IP	00 01 10.1							
16	ASB	EP	00 01 10.2							
16	ASD	EP	00 01 10.7							
16	AND	EP	00 13 27.8							
16	ASB	EP	00 13 31.8							
		ES	00 14 24.8							
16	ASD	EP	00 13 31.9							

16	1 35 56.56	51.30 N 179.86 W	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS		

16	ASD	EP	01 36 6.7	1.8	.1	2.13	57	281	.0
16	ASB	IP	01 36 7.8	8.3	.1	2.82	63	277	.2
		ES	01 36 15.8						.2
16	ACA	EP	01 36 8.7				74	286	-.5
16	ASC	EP	01 36 9.0				71	286	.3
16	ACB	EP	01 36 9.1				76	285	-.3
16	SSI	IP	01 36 9.8	31.2	.1	3.47	77	330	.2
		IS	01 36 19.0						-.1
16	ACC	IP	01 36 10.1				79	286	.1

16	3 41 1.53	51.17 N 179.15 E	DEPTH = 41.8 KM	FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS		

16	ASB	EP	03 41 9.4				23	18	.2
		ES	03 41 14.5						-.2
16	ACA	IP	03 41 9.5				35	357	-.8
16	ASD	EP	03 41 9.6				29	29	-.0
16	ACB	IP	03 41 10.0				33	353	-.1
16	ASC	EP	03 41 10.3				33	2	.3
16	ACC	IP	03 41 10.5				36	349	.1
		ES	03 41 17.0						.2
16	AND	EP	03 41 11.5				46	343	.0
16	SSI	EP	03 41 16.5				86	21	.0
		IS	03 41 27.3						-.0
16	RAT	EP	03 41 16.9				90	321	-.0

16	ASB	EP	05 18 56.7						
		ES	05 19 13.1						
16	ASD	EP	05 18 56.9						
16	ASC	EP	05 18 57.3						
16	AND	EP	05 18 57.6						
16	RAT	EP	05 19 .1						
16	SSI	IP	05 19 5.2	12.7	.1				
		IS	05 19 29.1						

VERY EMERGENT

16	ASB	IP	06 09 37.1	2.0	.1	2.49			
		ES	06 09 52.5						
16	ASD	EP	06 09 37.5	.7	.1	2.05			
16	AND	EP	06 09 39.8						
16	SSI	EP	06 09 46.0						

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
16	6 39 46.13		51.68 N 179.48 E			DEPTH = 82.9 KM	FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	SSI	IP D	06 39 58.5	5.4	.1	2.73	25	17	.1	
		IS	06 40 7.3						-.1	
16	ASD	EP	06 39 58.6				33	197	-.2	
16	ACC	EP	06 39 58.8				37	235	-.2	
		IS	06 40 8.6						.2	
16	ASC	EP	06 39 59.0				32	223	.3	
16	ASB	EP	06 39 59.0	6.6	.1	2.84	39	205	-.1	
		ES	06 40 8.4						-.2	
16	ACA	IP	06 39 59.0				33	229	.2	
16	AND	EP	06 39 59.1				38	251	.0	
16	ACE	IP	06 39 59.1				37	215	.1	
16	RAT	IP	06 40 2.3				80	280	-.1	
16	6 58 11.71		51.34 N 179.41 E			DEPTH = 56.2 KM	FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ASD	IP	06 58 20.3	1.7	.1	2.06	7	320	.0	
16	ASB	EP	06 58 20.5				12	281	.1	
		ES	06 58 26.8						.1	
16	ACA	EP	06 58 20.8				26	308	-.2	
16	ACB	EP	06 58 21.0				26	302	-.0	
16	ASC	EP	06 58 21.1				22	309	.3	
16	ACC	EP	06 58 21.1				30	302	-.2	
		IS	06 58 28.2						-.1	
16	AND	EP	06 58 21.9				40	308	-.2	
16	SSI	IP	06 58 24.3				63	11	.0	
16	RAT	IP	06 58 27.5	10.9	.1	3.12	91	305	.1	
		IS	06 58 39.1						.2	
16	8 42 24.59		50.31 N 176.72 E			DEPTH = 50.0 KM	FIXED DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	RAT	EP	08 42 53.5				201	34	-.1	
16	ANA	EP	08 42 53.9				200	42	.3	
16	AND	EP	08 42 54.6				210	48	-.2	
16	ASB	IP	08 42 55.1				213	56	-.0	
		ES	08 43 17.4						-.0	
16	ASC	EP	08 42 55.5				214	52	.2	
16	ASD	EP	08 42 56.0	3.5	.1		220	56	-.0	
16	SSI	IP D	08 43 1.6				267	48	-.2	
		I	08 43 3.2							
16	9 1 .36		52.09 N 178.44 W			DEPTH = 146.8 KM	FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
16	SSI	EP	09 01 27.1				137	262	-.0	
16	ASD	EP	09 01 30.2	3.1	.1	2.87	172	244	-.1	
16	ASB	EP	09 01 31.0				179	244	-.1	
		ES	09 01 53.5						-.0	
16	ASC	EP	09 01 31.5				179	248	.4	
16	AND	EP	09 01 31.9				189			

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STATION	TIME	COORDINATES	DEPTH (KM)	FIXED DEPTH SOLUTION		
16	9 10 54.16	51.00 N 179.18 W	50.0	DELAROF ISLANDS, ALEUTIAN ISLANDS		
16	ASD EP	09 11 11.5	112 293	-.8		
16	ASB EP	09 11 13.4	117 291	.5		
	ES	09 11 26.6		.0		
16	ASC EP	09 11 14.3	127 295	.2		
16	SSI IP	09 11 14.7	131 320	.1		
	I	09 11 15.9				
.....						
STATION	TIME	COORDINATES	DEPTH (KM)	FREE DEPTH SOLUTION		
16	15 23 48.34	51.57 N 178.80 E	23.3	RAT ISLANDS, ALEUTIAN ISLANDS		
16	AND IP C	15 23 52.5	11 92	-.1		
16	ANA EP	15 23 52.6	12 305	-.1		
16	ACE IP	15 23 53.5	32 125	-1.4		
	IS	15 23 57.5		-2.2		
16	ACC IP	15 23 54.1	19 118	.7		
16	ASC IP	15 23 54.6	28 114	.2		
16	ASB EP	15 23 55.9	39 126	.1		
	ES	15 24 1.2		-.0		
16	RAT IP	15 23 56.2	41 309	.0		
16	ASD IP	15 23 56.6	42 117	.3		
16	SSI IP	15 23 59.8	65 56	.1		
	IS	15 24 7.7		-.2		
.....						
STATION	TIME	COORDINATES	DEPTH (KM)	FREE DEPTH SOLUTION		
16	15 25 18.72	51.39 N 178.78 E	48.2	RAT ISLANDS, ALEUTIAN ISLANDS		
16	AND IP C	15 25 26.9	22 33	-.1		
16	ACF IP	15 25 26.9	21 46	.0		
16	ACE IP	15 25 27.0	28 88	-.3		
16	ACB IP	15 25 27.2	23 71	.2		
16	ACC IP	15 25 27.3	21 61	.4		
16	ACA IP	15 25 27.3	26 68	.1		
16	ANA IP	15 25 27.4	27 343	.1		
16	ASC EP	15 25 27.5	28 74	.1		
16	ASB IP	15 25 27.7	33 96	-.1		
	IS	15 25 33.9		-.5		
16	ASD IP	15 25 28.3	39 90	-.0		
16	RAT IP	15 25 29.6	55 326	-.3		
16	SSI IP	15 25 33.0	79 45	.2		
	IS	15 25 42.8		-.2		
.....						
STATION	TIME	COORDINATES	DEPTH (KM)	FREE DEPTH SOLUTION		
16	16 4 51.69	51.22 N 179.67 W	24.0	DELAROF ISLANDS, ALEUTIAN ISLANDS		
16	ASD EP	16 05 3.8	72 286	-.2		
16	ASB EP	16 05 4.8	77 282	.0		
	ES	16 05 14.4		.1		
16	ASC EP	16 05 6.2	86 289	.2		
16	SSI IP	16 05 6.7	91 326	-.1		
	IS	16 05 18.0		.2		
16	RAT EP	16 05 16.3	153 296	.1		
	ES	16 05 33.8		-.2		

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
16	16 50	57.40	63.10 N 148.32 W	DEPTH = 77.0 KM MB = 4.1			TELESEISMIC SOLUTION			
			CENTRAL ALASKA							
.....										
16	17 9	17.67	51.42 N 179.20 E	DEPTH = 36.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
16	ACA	IP	17 09 23.6				8	320	-.2	
16	ASB	EP	17 09 23.8	5.5	.1	2.41	8	154	.0	
		IS	17 09 28.2						.0	
16	ASD	EP	17 09 23.8				11	110	-.1	
16	ASC	EP	17 09 23.8				5	332	.1	
16	ACB	IP	17 09 23.9				9	301	.1	
16	ACC	IP	17 09 23.9				13	302	-.1	
16	AND	IP	17 09 24.7				23	312	.0	
16	SSI	EP	17 09 28.8				59	27	.0	
.....										
16	ADK	IP	17 37 53.0							
		IS	17 38 1.4							
16	SSI	IP	17 38 16.3	19.5	.1	3.17				
		IS	17 38 23.2							
16	ASD	EP	17 38 17.8							
16	ASB	EP	17 38 18.8							
		ES	17 38 48.3							
16	ASC	EP	17 38 19.9							
16	AND	EP	17 38 21.5							
16	RAT	EP	17 38 27.1							
.....										
17	0 55	50.80	52.56 N 173.38 W	DEPTH = 53.0 KM MB = 4.9			TELESEISMIC SOLUTION			
			ANDREANOF ISLANDS, ALEUTIAN IS.							
17	ADK	EP	00 56 24.8				238	253		4.7ML D 2.6 E
		ES	00 56 55.9							
17	SSI	EP	00 56 55.5	70.9	.1		486	264		
17	ASD	EP	00 57 0.0				517	258		
17	ASB	EP	00 57 .4	47.8	.2		524	258		
		ES	00 57 56.7							
17	CSA	EP	00 57 1.0				607	65		
17	ASC	EP	00 57 1.5				526	260		
17	AND	EP	00 57 2.7				538	261		
17	ANA	EP	00 57 5.7				555	262		
17	RAT	IP	00 57 7.3				574	265		
17	GMA	EP	00 59 12.5				1590	21		
.....										
17	1 8	7.67	51.91 N 178.32 E	DEPTH = 132.6 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
17	RAT	IP C	01 08 25.5				12	178	-.2	
17	ANA	IP	01 08 26.5				39	144	.2	
17	AND	IP C	01 08 27.3				58	131	.1	
		IS	01 08 41.5						.0	
17	ASC	IP	01 08 28.5				76	130	.2	
17	ASB	IP	01 08 29.0				88	133	-.1	
		IS	01 08 44.7						-.1	
17	SSI	IP D	01 08 29.0	79.8	.1	4.14	87	91	-.0	
17	ASD	IP	01 08 29.2				91	129	-.1	
.....										
17	ADK	IP	01 18 13.3							
		IS	01 18 21.5							
17	SSI	EP	01 18 35.9	22.2	.1					
		IS	01 19 3.0							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	ASD	EP	01 18 37.9							
		I	01 19 20.8							
17	ASB	EP	01 18 38.9							
		ES	01 19 7.1							
17	ASC	IP	01 18 39.7							
17	AND	EP	01 18 41.5							
17	ANA	EP	01 18 44.2							
17	RAT	IP	01 18 46.8							

..... TELESEISMIC SOLUTION

17 2 34 28.50 50.30 N 176.67 E DEPTH = 8.0 KM MB = 4.3
RAT ISLANDS, ALEUTIAN ISLANDS

17	RAT	IP C	02 35 .7	213.6	.1		204	34	-.3
		ES	02 35 24.8						.2
17	ANA	IP	02 35 .9				204	43	-.0
17	AND	IP C	02 35 1.8				213	48	-.5
17	ASB	IP	02 35 2.2				217	56	-.4
		ES	02 35 25.2						-2.3
17	ACE	IP D	02 35 1.9				215	54	-.5
17	ACC	IP D	02 35 1.9				213	51	-.3
17	ACF	IP D	02 35 1.9				213	49	-.3
17	ACA	IP D	02 35 2.4				217	52	-.3
17	ASC	IP D	02 35 2.6				218	53	-.2
17	ASD	IP C	02 35 3.0				224	56	-.6
17	SSI	IP C	02 35 11.3				271	48	2.0
17	SMY	EP	02 35 16.0				324	328	.1
17	ADK	EP	02 35 37.8				497	67	.5
		ES	02 36 28.9						1.4
17	GMA	EP	02 38 51.5				2124	29	-6.6

.....

..... FREE DEPTH SOLUTION

17 4 55 22.39 51.38 N 179.31 E DEPTH = 42.7 KM
RAT ISLANDS, ALEUTIAN ISLANDS

17	ASD	IP D	04 55 29.1				3	61	-.1
17	ASD	IP D	04 55 29.3				5	244	.1
		IS	04 55 33.5						-.7
17	ACE	IP	04 55 29.6				10	284	.2
17	ACD	IP	04 55 29.7				13	295	.2
17	ASC	IP D	04 55 29.8				14	313	.3
17	ACA	IP	04 55 29.9				17	311	.2
17	ACC	IP	04 55 30.2				22	303	.2
17	ACF	IP	04 55 30.3				27	307	-.2
17	AND	IP C	04 55 30.9				32	310	.0
17	ANA	IP C	04 55 33.2				53	302	.1
17	SSI	IP D	04 55 34.1				60	19	.0
17	RAT	IP C	04 55 36.6				82	305	-.2
		IS	04 55 47.1						-.2

.....

17 ADK EP 11 17 19.0
ES 11 28 25.0

..... TELESEISMIC SOLUTION

17 11 49 39.90 6.87 S 156.27 E DEPTH = 147.0 KM MB = 4.9
SOLOMON ISLANDS

17	ADK	EP	11 59 52.6				6999	18	
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.....

17 RAT IP 15 00 1.6
17 ANA EP 15 00 2.6
ES 15 00 17.2
17 AND EP 15 00 3.9
17 ASD EP 15 00 5.2
17 ASC EP 15 00 5.3
17 SSI IP 15 00 22.4

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
17	17 18	52.47	51.05 N 179.17 E	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ASD	EP	17 19 2.0				40	18	-.3	
		ES	17 19 9.5						.1	
17	ASB	EP	17 19 2.2				35	9	.4	
17	ASC	EP	17 19 2.7				46	360	-.2	
.....										
17	18 31	48.99	51.41 N 178.79 E	DEPTH = 45.3 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	AND	IP	18 31 56.7				20	33	-.1	
17	ASC	EP	18 31 57.4				26	78	.2	
17	ASD	EP	18 31 58.2	2.1	.1	2.17	38	93	-.1	
		ES	18 32 5.0						-.0	
17	SSI	IP	18 32 2.7				76	46	.0	
		IS	18 32 12.7						.0	
.....										
17	ASD	EP	18 56 23.7	61.2	.1	3.97				
		IS	18 56 38.9							
17	ASB	EP	18 56 24.5							
17	ASC	EP	18 56 26.0							
17	SSI	IP D	18 56 26.8							
17	AND	EP	18 56 28.7							
17	ANA	EP	18 56 32.1							
17	RAT	EP	18 56 34.9							
		ES	18 56 59.2							
.....										
17	20 58	47.90	51.06 N 179.51 E	DEPTH = 40.0 KM MB = 4.0			TELESEISMIC SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ASD	IP D	20 58 56.3				39	343	-.6	
17	ASB	IP D	20 58 56.5				39	332	-.3	
17	ACE	IP	20 58 57.2				45	329	-.3	
17	ACD	IP	20 58 57.9				49	328	-.1	
17	ASC	IP C	20 58 58.2				51	332	-.1	
17	ACA	IP	20 58 58.6				55	330	-.1	
17	ACC	IP	20 58 59.1				58	326	-.0	
17	AND	IP	20 59 .4				68	326	-.1	
		IS	20 59 8.7						-1.0	
17	ANA	IP	20 59 2.8				87	317	-.2	
17	SSI	IP D	20 59 3.8				93	3	-.0	
.....										
17	21 14	50.78	51.04 N 179.45 E	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
17	ASD	IP	21 14 58.3	7.1	.1	2.61	39	349	-.2	
		ES	21 15 4.1						.0	
17	ASB	EP	21 14 58.6				38	338	.3	
17	AND	EP	21 15 2.3				67	329	-.2	
.....										
17	22 2	9.80	51.19 N 177.27 W	DEPTH = 33.0 KM MB = 4.1			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
17	SSI	IP C	22 02 42.9				231	291	-.5	
		ES	22 03 10.4						2.6	
17	ASD	EP	22 02 43.0	24.6	.1		237	277	-1.1	
		E	22 03 14.8							
17	ASB	EP	22 02 44.4				243	276	-.4	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
17	ACE	EP	22 02 45.5				249	277	-.0	
17	ASC	EP	22 02 45.8				250	278	.1	
17	ACA	EP	22 02 46.4				253	279	.3	
17	AND	EP	22 02 47.6				266	281	-.0	
17	ANA	EP	22 02 50.3				287	281	.1	
17	RAT	EP	22 02 53.4				312	284	.0	
18	SSI	IP	00 10 35.0							
18	RAT	IP	02 51 5.7	34.8	.1	3.84				
		ES	02 51 26.0							
18	ANA	EP	02 51 9.4							VERY EMERGENT.
18	AND	EP	02 51 10.9							
18	ASB	EP	02 51 13.2							
		ES	02 51 45.7							
18	ASD	EP	02 51 15.1							
18	SSI	EP	02 51 17.5							
18	8 8 41.64		51.40 N 178.85 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
18	AND	IP	08 08 48.9				20	22	.1	
		ES	08 08 54.0						-.0	
18	ASB	EP	08 08 49.5				28	98	.0	
18	ASD	EP	08 08 50.0	2.7	.1	2.23	34	91	-.1	
18	RAT	IP	08 08 52.8	4.9	.1	2.61	57	322	.0	
		IS	08 09 .8						-.1	
18	SSI	IP	08 08 55.2	2.0	.1	2.30	75	43	-.0	
18	10 21 13.34		51.31 N 179.53 W							FIXED DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
18	ASD	EP	10 21 26.5				79	277	-.3	
		ES	10 21 36.6						.1	
18	ASB	EP	10 21 27.9				85	274	.2	
18	SSI	IP	10 21 28.3	9.3	.1	3.00	89	317	.1	
		IS	10 21 39.0						-.1	
18	ASC	IP	10 21 28.7				92	281	-.0	
18	12 58 2.60		51.25 N 178.20 W							TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
18	SSI	IP	12 58 28.5				169	296	-1.0	
18	ASD	EP	12 58 28.8				172	276	-1.0	
18	ASB	EP	12 58 29.6				178	275	-1.0	
		ES	12 58 49.0						-2.0	
18	ASC	EP	12 58 31.0				185	278	-.4	
18	AND	EP	12 58 33.3				201	281	-.1	
18	ANA	EP	12 58 36.2				222	282	.2	
18	RAT	IP	12 58 38.8				248	286	-.4	
18	14 13 46.90		59.98 N 151.90 W							TELESEISMIC SOLUTION
			KENAI PENINSULA, ALASKA							

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MAY	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
18	15 23	25.00	56.64 N 156.66 W	DEPTH =	66.0 KM	MB = 4.2	TELESEISMIC SOLUTION			
ALASKA PENINSULA										
18	SSI	EP	18 03 58.0	17.7	.1					
18	ASD	EP	18 03 59.6	8.5	.1					
18	ASB	EP	18 04 1.1							
		IS	18 04 29.9							
18	ASC	EP	18 04 1.5							
18	AND	EP	18 04 3.2							
18	ANA	IP	18 04 6.1							
18	RAT	EP	18 04 9.0							
18	20 50	15.25	51.42 N 178.83 E	DEPTH =	43.8 KM	FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ACB	EP	20 50 22.7			19	75		-.1	
18	ACF	EP	20 50 22.7			16	43		.0	
18	AND	IP	20 50 22.8			18	28		.0	
18	ACA	EP	20 50 23.0			21	71		.0	
18	ACD	EP	20 50 23.0			21	87		.0	
18	ACE	EP	20 50 23.0			24	95		-.1	
18	ANA	EP	20 50 23.2			26	333		-.1	
18	ASC	IP	20 50 23.4			24	78		.3	
18	ASB	EP	20 50 23.5	6.1	.1	2.59	30	103	-.1	
		IS	20 50 29.5						-.2	
18	ASD	EP	20 50 24.3	6.2	.1	2.62	36	95	.1	
18	SSI	IP	20 50 28.6			74	45		-.1	
		IS	20 50 38.4						-.0	
18	21 26	58.42	51.43 N 179.17 E	DEPTH =	49.2 KM	FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ACE	IP	21 27 5.9			4	172		-.2	
18	ACD	EP	21 27 6.0			2	258		-.0	
18	ASB	IP	21 27 6.1	12.6	.1	2.89	10	145	-.1	
		IS	21 27 12.0						.2	
18	ASD	IP	21 27 6.2	7.1	.1	2.65	13	110	-.1	
18	ASC	IP	21 27 6.2			3	359		.1	
18	ACA	EP	21 27 6.2			6	329		.1	
		IS	21 27 11.6						-.1	
18	AND	EP	21 27 6.6			21	315		-.1	
18	ANA	EP	21 27 8.6			41	302		.3	
18	SSI	IP C	21 27 10.4			59	30		.2	
		IS	21 27 18.5						-.3	
18	RAT	IP	21 27 11.3			71	306		-.2	
18	21 49	11.00	51.22 N 178.66 E	DEPTH =	37.2 KM	FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
18	ACD	IP	21 49 19.9			40	55		.1	
18	ACE	IP	21 49 19.9			41	61		.0	
18	ASB	IP	21 49 20.2			44	69		-.0	
		IS	21 49 26.6						-.3	
18	ASC	IP	21 49 20.2			44	53		-.1	
18	AND	IP	21 49 20.2			43	28		.1	
18	ACA	IP	21 49 20.3			43	48		.2	
18	ANA	IP	21 49 20.6			45	0		.2	
18	ASD	IP	21 49 21.0			51	68		-.1	
18	RAT	IP	21 49 23.1			68	340		-.3	
18	SSI	IP	21 49 27.7			98	40		.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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18	22 44	43.80	63.95 N 146.11 E	DEPTH = 33.0 KM MB = 5.8 MS = 6.6			TELESEISMIC SOLUTION			
EASTERN SIBERIA										

18	ADK	EP	22 49 44.8				2532	104	6.8MS		
		EL	22 56 21.0								

19	RAT	IP	02 36 50.3	8.7	.1	3.13					
		IS	02 37 5.4								
19	ANA	EP	02 36 53.6								
19	AND	EP	02 36 56.2								
19	ASC	EP	02 36 58.5								
19	ASB	EP	02 37 .5								
		ES	02 37 20.0								
19	ASD	EP	02 37 1.1								
19	SSI	IP	02 37 2.2								
19	ADK	EP	02 51 41.2								
		ES	02 52 1.6								

19	6 5	23.34	52.09 N 179.49 E	DEPTH = 184.8 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										

19	ASD	EP	06 05 49.6	4.1	.1	2.94	79	188	-.2	
19	ASC	IP	06 05 49.8				74	198	.3	
19	ANA	IP	06 05 49.8				77	228	.1	
19	ASB	IP	06 05 50.0	6.8	.1	3.17	83	192	-.0	
		ES	06 06 9.5						-.0	
19	RAT	IP C	06 05 50.1	17.4	.1	3.58	86	248	-.1	

19	ADK	IP D	05 39 46.3								
		IS	06 39 55.4								

19	ADK	IP D	06 49 18.2								
		IS	06 49 26.8								

19	ADK	EP	07 00 15.7								
		ES	07 00 24.6								

19	ADK	EP	09 35 25.1								
		ES	09 35 48.2								

19	SSI	EP	09 35 43.2								
		IS	09 36 20.2								

19	ASD	EP	09 35 46.4	17.2	.1						
		ES	09 36 25.5								

19	ASB	EP	09 35 47.2								
19	ASC	IP	09 35 47.8								

19	AND	EP	09 35 48.6								
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19	ANA	IP	09 35 50.6								
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19	RAT	EP	09 35 51.9								
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19	ADK	EP	09 51 28.5								
		ES	09 51 59.5								

19	ASD	EP	10 23 26.1	3.5	.1						
19	SSI	EP	10 23 26.8	11.1	.1	3.34					

		IS	10 23 46.7								
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19	ASB	EP	10 23 27.5								
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		ES	10 23 50.7								
--	--	----	------------	--	--	--	--	--	--	--	--

19	ASC	EP	10 23 28.8								
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19	RAT	EP	10 23 36.4								
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19	ADK	IP D	10 47 20.8								
		IS	10 47 30.0								

19	ADK	IP D	10 55 9.5								
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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IS	10 55 18.5							
19	ADK	IP C	12 08 35.7							
		IS	12 08 54.3							
19	ASD	EP	12 14 1.9	12.9	.1	3.31				
19	ASB	EP	12 14 2.6	7.5	.1	3.08				
		ES	12 14 18.6							
19	ASC	EP	12 14 4.2							
19	SSI	IP C	12 14 4.8	75.4	.1	4.08				
		IS	12 14 20.5							
19	AND	EP	12 14 6.9							
19	ANA	EP	12 14 9.6							
19	ADK	EP	12 52 55.5							
		ES	12 53 3.5							
19	ADK	IP	13 12 22.3							
		IS	13 12 31.4							
19	ADK	IP	13 20 33.6							
		IS	13 20 42.7							

19	15 14 40.94	51.43 N 178.78 E	DEPTH = 47.0 KM	FREE DEPTH SOLUTION						
	RAT ISLANDS, ALEUTIAN ISLANDS									
19	AND	EP	15 14 48.8				19	38	-.1	
19	ACC	IP	15 14 48.9				19	70	.0	
		IS	15 14 54.8						.1	
19	ACA	IP	15 14 49.2				24	75	.0	
19	ACE	EP	15 14 49.3				27	96	-.1	
19	ACD	IP	15 14 49.4				25	89	.2	
19	ASC	EP	15 14 49.5				27	81	.1	
19	ASB	EP	15 14 49.9				33	102	-.0	
		ES	15 14 56.1						-.3	
19	ASD	IP	15 14 50.4	4.2	.1	2.49	39	95	-.1	
19	RAT	IP D	15 14 51.7	6.0	.1	2.70	52	323	-.1	
19	SSI	IP	15 14 54.8	2.7	.1	2.45	76	47	.1	
		IS	15 15 4.5						-.2	

19	ADK	EP	15 53 26.1							
		ES	15 54 7.8							
19	SSI	IP	15 54 1.5	3.4	.1					
19	ASD	EP	15 54 2.8	8.4	.1					
19	ASB	EP	15 54 3.8							
		ES	15 55 11.8							
19	ASC	EP	15 54 5.1							
19	AND	EP	15 54 6.3							
19	ANA	EP	15 54 8.5							
19	RAT	EP	15 54 11.1							
19	ADK	EP	16 07 56.6							
		ES	16 08 6.5							

. 19	18 21 34.08	51.34 N 178.90 E	DEPTH = 41.6 KM	FREE DEPTH SOLUTION		
.	RAT ISLANDS, ALEUTIAN ISLANDS					
. 19	ACD	EP	18 21 41.2	19	57	-.2
. 19	ACC	EP	18 21 41.2	19	30	-.2
. 19	ACA	IP	18 21 41.5	22	43	-.1
.		IS	18 21 47.4			.3
. 19	ACF	IP	18 21 41.6	22	16	-.0
. 19	AND	IP	18 21 41.8	25	8	-.1
. 19	ASB	EP	18 21 42.0	24	83	.2
.		ES	18 21 46.5			-.9
. 19	ASC	EP	18 21 42.4	23	52	.7

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
19	ASD	EP	18 21 42.5				31	79	.1	
19	ANA	EP	18 21 43.1				36	332	.2	
19	RAT	IP	18 21 46.2				65	322	-.2	
19	SSI	IP	18 21 47.8	10.2	.1	3.02	78	37	-.2	
		IS	18 21 58.2						.1	

19	RAT	IP C	20 30 50.4							
		ES	20 31 4.3							
19	ANA	IP	20 30 53.6							
19	AND	EP	20 30 55.5							
19	ASC	EP	20 30 58.3							
19	ASB	EP	20 30 59.4							
19	ASD	EP	20 31 .8							
		IS	20 31 21.5							
19	SSI	IP D	20 31 2.0							
19	ASB	EP	21 28 13.4							
		ES	21 28 29.3							
19	ASD	EP	21 28 13.9	3.4	.1	2.74				
19	AND	EP	21 28 14.9							
19	SSI	IP	21 28 22.3	20.0	.1					
		IS	21 28 45.3							

20 2 35 36.50 52.22 N 173.33 W DEPTH = 74.0 KM MB = 5.5 TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIAN IS.

20	ADK	IP D	02 36 10.2				233	262		5.3ML, D 2.1 E
		IS	02 36 36.0							
20	NIK	EP	02 36 20.6				315	73		
20	SSI	EP	02 36 41.9				487	269		
20	ASD	EP	02 36 44.9				514	263		
20	ASB	EP	02 36 45.6				521	262		
		ES	02 37 38.5							
20	ASC	EP	02 36 47.1				524	264		
20	AND	EP	02 36 48.3				536	265		
20	ANA	EP	02 36 50.8				555	266		
20	SMY	EP	02 37 27.1				855	279		
20	GMA	EP	02 39 3.0				1625	20		

20 3 59 16.14 51.92 N 179.63 W DEPTH = 136.1 KM FREE DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS

20	SSI	IP	03 59 35.6	7.6	.1	3.09	54	267	-.2	
		ES	03 59 50.5						.3	
20	ASD	IP C	03 59 38.3	3.4	.1	2.78	92	231	.1	
		ES	03 59 54.2						-.2	
20	ASB	EP	03 59 38.7	5.0	.1	2.97	100	232	-.1	
		ES	03 59 55.2						-.1	
20	ASC	EP	03 59 38.9				98	239	.3	
20	AND	EP	03 59 39.3				106	248	.0	
20	ANA	EP	03 59 40.8				122	255	.1	
20	RAT	EP	03 59 42.2				141	265	-.2	

20 5 40 52.08 51.49 N 179.21 E DEPTH = 34.9 KM FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS

20	ACE	IP	05 40 57.9				10	195	-.1	
20	ASC	IP	05 40 58.0				5	225	.2	
20	ASD	IP	05 40 58.0				14	141	-.2	
20	ACA	IP	05 40 58.0				6	260	.2	
		IS	05 41 2.3						.3	
20	ACD	IP	05 40 58.0				9	217	.1	
20	ASB	IP	05 40 58.1	7.6	.1	2.55	15	170	-.1	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	05 41 2.2							
20	ACC	IP	05 40 58.2				12	266	-0.5	
20	AND	IP	05 40 58.5				20	294	-0.2	
20	ANA	IP	05 41 .8				41	292	-0.0	
20	SSI	IP C	05 41 2.6	15.4	.1	3.06	52	30	.1	
		IS	05 41 8.8						.5	
20	RAT	EP	05 41 4.2				70	300	-0.6	
									-0.4	
20	6 56 55.93		51.58 N 179.34 W				DEPTH = 70.6 KM			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
20	SSI	IP	06 57 11.4	8.3	.1	3.01	82	296	-0.0	
		IS	06 57 22.7						.0	
20	ASD	EP	06 57 12.7	.8	.1	2.05	94	257	-0.0	
20	ASB	EP	06 57 13.5				101	257	.0	
		ES	06 57 26.3						-0.0	
20	8 29 2.78		51.69 N 179.98 W				DEPTH = 90.3 KM			FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
20	SSI	IP	08 29 16.6				38	308	.1	
		IS	08 29 26.4						-0.1	
20	ASD	IP D	08 29 17.5	19.0	.1	3.37	57	235	-0.3	
		IS	08 29 28.7						.0	
20	ASB	IP	08 29 18.1				65	236	-0.2	
		ES	08 29 29.6						-0.0	
20	ASC	IP	08 29 18.4				64	248	.1	
20	AND	IP	08 29 19.5				75	260	.3	
20	ANA	IP	08 29 21.6				94	266	.7	
20	RAT	IP	08 29 22.6	14.8	.1	3.38	117	277	-0.7	
20	8 45 26.30		51.15 N 178.55 E				DEPTH = 23.3 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
20	ACE	IP	08 45 35.6				52	57	-0.0	
20	ACC	IP	08 45 35.7				51	42	.2	
		IS	08 45 42.3						.1	
20	ACD	IP	08 45 35.7				52	52	.1	
20	ASB	IP	08 45 35.9	11.9	.1	2.93	54	64	-0.1	
		ES	08 45 42.4						-0.6	
20	AND	IP	08 45 35.9				54	31	-0.1	
20	ACA	IP	08 45 36.1				54	47	.1	
20	ASC	IP	08 45 36.2				55	51	.1	
20	ANA	IP	08 45 36.2				54	8	.3	
20	RAT	IP	08 45 38.5				74	348	-0.4	
20	SSI	IP	08 45 44.3				110	41	.0	
		IS	08 45 57.3						-0.0	
20	ADK	EP	11 01 35.6							
		ES	11 01 44.5							
20	12 33 28.10		51.62 N 177.05 W				DEPTH = 33.0 KM			TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
20	ADK	IP C	12 33 37.2				39	41	.9	
		IS	12 33 44.0						1.7	
20	SSI	EP	12 34 1.7	13.2	.1		233	279	-0.2	
		IS	12 34 27.6						1.0	
20	ASD	EP	12 34 3.6	3.5	.1		251	266	-0.5	
		ES	12 34 33.1						2.7	
20	ASB	EP	12 34 4.8	5.5	.1		258	265	-0.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 20	ASC	EP	12 34 5.7				262	268	.2	
. 20	AND	EP	12 34 7.6				276	270	.4	
. 20	ANA	EP	12 34 10.1				296	272	.4	
. 20	RAT	EP	12 34 12.2				319	275	-.3	
.....										
. 20	15 11 59.63	51.06 N 178.52 E DEPTH = 0.0 KM RAT ISLANDS, ALEUTIAN ISLANDS							FIXED DEPTH SOLUTION	
. 20	ASD	IP	15 12 11.2	5.0	.1	2.61	68	57	-.8	
		ES	15 12 20.3						-.7	
. 20	ASB	EP	15 12 11.4				61	57	.8	
. 20	ANA	IP	15 12 12.0				63	9	.8	
. 20	RAT	IP	15 12 13.5				83	351	-1.1	
. 20	SSI	IP	15 12 20.6	7.8	.1	3.02	113	38	.6	
.....										
20	SSI	IP	16 09 9.9							
20	ASD	EP	16 09 12.8							
20	ASB	EP	16 09 13.5	6.2	.1	2.58				
		ES	16 09 19.0							
20	ASC	EP	16 09 13.5							
20	AND	EP	16 09 14.2							
20	ADK	EP	20 44 49.6							
		ES	20 45 1.6							
.....										
. 20	22 59 27.28	51.12 N 179.31 E DEPTH = 30.3 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION	
. 20	ASB	IP D	22 59 33.9	9.5	.1	2.68	27	351	.0	
		ES	22 59 38.8						.1	
. 20	ASD	IP D	22 59 34.0	8.7	.1	2.66	30	4	-.2	
. 20	ASC	IP	22 59 35.4				39	345	.1	
. 20	AND	EP	22 59 37.3				55	333	-.1	
. 20	SSI	IP	22 59 42.3	8.8	.1	2.97	88	13	.2	
		IS	22 59 52.8						-.1	
.....										
. 20	23 18 1.99	51.41 N 178.78 E DEPTH = 46.6 KM RAT ISLANDS, ALEUTIAN ISLANDS							FREE DEPTH SOLUTION	
. 20	AND	EP	23 18 9.8				21	36	-.2	
. 20	ACC	EP	23 18 9.9				20	66	-.0	
. 20	ACF	EP	23 18 9.9				20	50	-.0	
. 20	ACE	EP	23 18 10.2				28	92	-.2	
. 20	ACA	EP	23 18 10.3				25	72	.0	
		IS	23 18 16.4						.1	
. 20	ACD	IP	23 18 10.4				25	85	.1	
. 20	ASC	EP	23 18 10.6				28	78	.2	
. 20	ASD	EP	23 18 11.5				39	93	.0	
		IS	23 18 18.3						-.1	
. 20	SSI	IP	23 18 15.9	7.3	.1	2.88	78	46	.0	
		IS	23 18 25.9						-.1	
.....										
21	SSI	EP	00 10 49.9	10.5	.1					
		IS	00 11 12.3							
21	ASD	EP	00 10 50.9							
21	ASB	EP	00 10 51.9							
21	ASC	EP	00 10 54.9							
21	AND	EP	00 10 56.8							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
21	0 40 42.13		51.15 N 179.34 E	DEPTH = 31.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	ASB	IP D	00 40 48.6	11.9	.1	2.76	24	345	-.0	
		ES	00 40 53.3						-.0	
21	ASD	IP D	00 40 48.8	13.0	.1	2.82	26	1	-.1	
21	ASC	IP	00 40 50.1				36	341	.1	
21	AND	IP	00 40 52.0				53	330	-.1	
21	ADK	IP	03 35 50.6							
		IS	03 35 59.7							
21	SSI	IP	03 36 17.1	20.5	.1					
		ES	03 36 50.2							
21	ASD	EP	03 36 17.4							
		ES	03 36 57.5							
21	ASB	EP	03 36 18.6							
21	ASC	EP	03 36 19.5							
21	AND	EP	03 36 22.6							
21	ANA	EP	03 36 26.6							
21	RAT	EP	03 36 29.4							
21	SSI	IP	06 38 40.3	7.6	.1	2.68				
		IS	06 38 46.0							
21	ASD	IP	06 38 43.1	2.9	.1	2.53				
21	ASB	EP	06 38 44.2	2.4	.1	2.47				
		IS	06 38 56.1							
21	ASC	EP	06 38 45.0							
21	ADK	EP	08 52 42.8							
		ES	08 52 51.9							
21	ASB	EP	10 23 33.2							
		ES	10 23 51.6							
21	ASD	EP	10 23 33.4							
21	SSI	IP	10 46 35.2							
		IS	10 46 49.9							
21	ADK	EP	10 46 36.2							
		ES	10 46 52.4							
21	ASD	EP	10 46 39.5	10.8	.1	3.32				
		ES	10 46 58.9							
21	ASB	EP	10 46 40.5							
		ES	10 46 59.8							
21	ASC	EP	10 46 41.0							
21	AND	EP	10 46 42.3							
21	ANA	EP	10 46 44.9							
21	RAT	EP	10 46 46.9							
		ES	10 47 13.2							
21	12 11 44.78		51.14 N 179.70 E	DEPTH = 27.2 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
21	ASD	EP	12 11 52.4	4.1	.1	2.37	38	318	-.0	
21	ASB	EP	12 11 52.8				40	308	.1	
		ES	12 11 58.6						.1	
21	ACE	IP	12 11 53.5				47	308	-.2	
		IS	12 12 .2						.1	
21	ACD	EP	12 11 54.2				51	309	-.0	
21	ASC	EP	12 11 54.6				52	314	.2	
21	ACA	EP	12 11 54.9				56	313	.0	
21	SSI	IP	12 11 59.0	3.4	.1	2.54	84	355	-.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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..... FREE DEPTH SOLUTION

21 12 14 47.38 51.09 N 179.38 E DEPTH = 38.3 KM
RAT ISLANDS, ALEUTIAN ISLANDS

21	ASB	IP D	12 14 55.3				31	343	-.0	
		IS	12 15 .7						-.4	
21	ASD	IP D	12 14 55.3				33	355	-.2	
21	ACE	IP C	12 14 55.9				37	337	-.1	
21	ACD	IP	12 14 56.5				41	335	.1	
21	ASC	IP C	12 14 56.8				44	340	.1	
21	ACA	IP	12 14 57.2				47	337	.1	
21	ACC	IP	12 14 57.6				50	332	.2	
21	ACF	IP	12 14 58.4				55	331	.3	
21	AND	IP	12 14 58.8				60	330	.0	
21	ANA	IP	12 15 1.1				78	320	-.1	
21	SSI	IP C	12 15 3.0	11.2	.1	3.10	90	9	.1	
		IS	12 15 14.3						.0	
21	RAT	EP	12 15 5.0				107	317	-.2	

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21	ADK	IP	14 09 3.0							
		IS	14 09 10.8							
21	SSI	IP D	14 09 28.9							
		ES	14 09 55.6							
21	ASD	EP	14 09 31.7							
21	ASB	EP	14 09 32.5	4.0	.1					
		ES	14 10 2.4							
21	ASC	EP	14 09 33.3							
21	AND	EP	14 09 35.4							
21	ANA	EP	14 09 37.4							
21	RAT	EP	14 09 39.8							
21	SSI	EP	17 32 10.4	3.4	.1	2.53				
		IS	17 32 19.8							
21	ASD	EP	17 32 21.9							
21	ASB	EP	17 32 22.8	3.8	.1					
21	ASC	EP	17 32 23.7							
21	AND	EP	17 32 25.1							

..... TELESEISMIC SOLUTION

21 18 56 43.70 52.55 N 173.22 W DEPTH = 36.0 KM MB = 5.7 MS = 5.3
ANDREANOF ISLANDS, ALEUTIAN IS.

21	ADK	EP	18 57 15.4				248	254		5.7ML FELT II
		ES	18 57 48.0							
		E	18 57 50.2							
21	NIK	EP	18 57 24.5				299	79		
21	SSI	IP	18 57 50.5				497	264		
21	ASD	EP	18 57 54.6				527	259		
21	ASB	EP	18 57 55.5				534	259		
		E(S)	18 58 52.5							
21	ACE	EP	18 57 56.3				538	259		
21	ASC	EP	18 57 56.6				537	260		
21	ACA	EP	18 57 56.7				539	260		
21	ACD	EP	18 57 57.3				540	260		
21	ACC	EP	18 57 57.3				544	261		
21	AND	EP	18 57 57.8				548	262		
21	ACF	EP	18 57 58.0				546	261		
21	ANA	EP	18 57 59.5				566	263		
21	RAT	IP	18 58 1.5				584	265		
		ES	18 58 59.8							
21	SMY	EP	18 58 24.7				858	276		
21	GMA	EP	19 00 53.0				1588	21		

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21	SSI	EP	19 10 1.4							
		ES	19 10 51.8							
21	ASD	EP	19 10 5.4							
21	ASB	EP	19 10 6.5							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	19 11 2.0							
21	ASC	EP	19 10 7.6							
21	AND	EP	19 10 8.9							
21	ANA	EP	19 10 11.2							
21	RAT	EP	19 10 12.4							
21	SSI	IP	19 12 27.6							
		IS	19 13 18.6							
21	ASD	EP	19 12 32.3							
		ES	19 13 27.7							
21	ASB	EP	19 12 32.8	33.7	.3					
21	ASC	EP	19 12 33.7							
21	AND	EP	19 12 35.0							
21	ANA	EP	19 12 37.5							
21	RAT	EP	19 12 39.1							

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21	19 22 30.30	52.51 N 173.25 W	DEPTH = 33.0 KM	MB = 4.2	TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIAN IS.					
21	ADK	EP D	19 23 5.3		245 255
		ES	19 23 34.0		
21	SSI	IP	19 23 37.1		495 265
		ES	19 24 26.8		
21	ASD	EP	19 23 40.7		524 259
21	ASB	EP	19 23 41.5	39.3 .2	532 259
		ES	19 24 36.7		
21	ASC	EP	19 23 42.5		534 260
21	AND	EP	19 23 43.8		545 262
21	ANA	EP	19 23 45.8		563 263
21	RAT	EP	19 23 47.8		582 265

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21	19 24 44.80	52.53 N 173.31 W	DEPTH = 40.0 KM	MB = 4.7	TELESEISMIC SOLUTION
ANDREANOF ISLANDS, ALEUTIAN IS.					
21	ADK	EP D	19 25 19.7		242 254
		ES	19 25 47.8		
21	NIK	EP	19 25 28.0		305 79
21	SSI	IP	19 25 50.2		491 265
		ES	19 26 41.2		
21	ASD	IP	19 25 55.1	21.4 .2	521 259
		ES	19 26 50.0		
21	ASB	IP	19 25 55.8		528 259
		ES	19 26 51.2		
21	ASC	IP	19 25 56.7		531 260
21	AND	EP	19 25 57.7		542 262
21	ANA	EP	19 26 .4		560 263
21	RAT	IP	19 26 1.4		578 265
21	SHY	EP	19 26 34.8		852 276
21	GMA	EP	19 28 8.4		1592 21

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21	ADK	EP	20 06 22.9		
		ES	20 06 52.9		
21	SSI	IP	20 06 53.4		
		ES	20 07 44.2		
21	ASD	EP	20 06 57.8		
		ES	20 07 53.5		
21	ASB	EP	20 06 58.9	9.4 .2	
21	ASC	EP	20 07 .1		
21	ADK	EP	20 36 38.0		
		ES	20 37 5.3		
21	ADK	EP	20 56 34.6		
		ES	20 57 3.3		

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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21	ADK	EP	21 14 25.0							
		ES	21 14 53.8							

21	21 41 58.17	51.95 N 179.31 E	DEPTH = 142.8 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
21	SSI	EP	21 42 17.2				20	107	-.3	
		ES	21 42 32.0						.3	
21	AND	EP	21 42 18.5				49	210	.1	
21	ASC	EP	21 42 18.9				55	191	.2	
21	ANA	EP	21 42 18.9				57	232	.1	
21	ASD	EP	21 42 19.0				62	178	-.0	
21	ASB	EP	21 42 19.3				65	184	.1	
		ES	21 42 34.2						-.4	
21	RAT	IP C	21 42 19.3	29.0	.1	3.70	69	257	-.1	

21	ADK	EP	21 56 57.6							
		ES	21 57 26.1							
21	SSI	EP	21 57 28.8							
		ES	21 58 17.0							
21	ASD	EP	21 57 33.1							
21	ASB	EP	21 57 34.0							
		ES	21 58 29.0							
21	ASC	EP	21 57 35.0							
21	AND	EP	21 57 36.1							
21	RAT	EP	21 57 40.2							
21	ANA	EP	21 57 40.4							

22	0 48 34.55	51.12 N 179.49 E	DEPTH = 29.2 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ASD	IP	00 48 41.6	5.2	.1	2.44	32	341	-.0	
		IS	00 48 46.8						.0	
22	ASB	IP	00 48 41.6				32	328	.0	
22	ASC	EP	00 48 43.2				44	330	-.0	
22	SSI	IP	00 48 49.2	4.4	.1	2.67	86	5	.0	
		IS	00 48 59.8						-.0	

22	ADK	EP	03 05 29.0							
		ES	03 05 59.1							
22	SSI	EP	03 06 0.0	47.7	.2					
		E(S)	03 06 51.8							
22	ASB	EP	03 06 5.5							
		ES	03 07 .9							
22	ASC	EP	03 06 6.0							
22	RAT	EP	03 06 11.3	21.0	.3					
22	SSI	IP	03 09 47.7	4.4	.1	2.65				QS
		ES	03 09 57.3							
22	ASD	EP	03 09 52.6							
22	ASB	EP	03 09 54.2							
		ES	03 10 8.8							
22	ASC	IP	03 09 54.9							

22	3 35 13.57	51.36 N 179.72 E	DEPTH = 25.1 KM	FREE DEPTH SOLUTION						
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ASD	IPG	03 35 19.3	4.2	.1	2.28	27	277	-.3	
22	ASB	IPG	03 35 20.3	7.0	.1	2.56	33	270	-.1	
		IS	03 35 25.4						.0	
22	ACE	IPG	03 35 21.1				38	277	-.0	
22	ASC	IPG	03 35 21.4				40	286	.0	
22	ACD	IPG	03 35 21.9				41	281	.4	
22	ACA	EPG	03 35 22.1				44	288	.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	ACF	EPG	03 35 23.4				54	290	.2	
22	AND	EPG	03 35 23.9				58	293	.1	
22	SSI	IPGD	03 35 24.2	15.5	.1	3.08	60	351	.1	
		ES	03 35 31.8						-.0	
22	ANA	EP	03 35 26.9				79	292	-.1	
22	RAT	IP D	03 35 31.0	32.3	.1	3.61	108	297	-.3	
		IS	03 35 44.1						-.0	
22	ADK	EP C	03 47 27.2							
		ES	03 47 34.4							
22	6	6	44.75	52.01 N	178.76 E	DEPTH = 103.1 KM				FREE DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
22	RAT	IP	06 07 0.0	13.7	.1	3.23	38	232	.1	
22	AND	EP	06 07 .4				51	165	-.3	
22	SSI	IP	06 07 1.1	11.7	.1	3.19	58	103	.0	
22	ASC	EP	06 07 1.8				67	155	.1	
22	ASB	IP	06 07 2.7	3.7	.1	2.73	80	155	.0	
		ES	06 07 15.8						.0	
22	ASD	IP	06 07 2.7	4.2	.1	2.79	80	150	.0	
22	10	6	.59	50.37 N	177.21 E	DEPTH = 0.0 KM				FIXED DEPTH SOLUTION
				RAT ISLANDS, ALEUTIAN ISLANDS						
22	ANA	EP	10 06 29.5				173	36	.3	
22	RAT	IP D	10 06 29.6	26.5	.1	3.71	177	26	-.2	
22	AND	EP	10 06 30.1				180	42	-.2	
22	ASB	EP	10 06 30.3	24.7	.1	3.69	181	52	-.1	
		ES	10 06 52.2						.1	
22	ASC	EP	10 06 30.8				183	48	.0	
22	ASD	IP	10 06 31.2	10.6	.1	3.34	188	52	-.3	
22	SSI	IP D	10 06 38.7	25.7	.1		237	44	.4	
22	10	7	4.10	51.87 N	173.07 W	DEPTH = 48.0 KM MB = 4.8				TELESEISMIC SOLUTION
				ANDREANOF ISLANDS, ALEUTIAN IS.						
22	NIK	EP	10 07 37.0				312	65		
22	ADK	EP	10 07 38.9				249	272		
		ES	10 08 6.5							
22	SSI	EP	10 08 10.8				506	273		QP
		IP	10 08 14.5	123.0	.4					
		E(S)	10 09 12.1							
22	ASD	EP	10 08 14.5				529	267		
		ES	10 09 22.9							
22	ASB	IP	10 08 16.4				536	267		
22	ASC	IP	10 08 17.2				540	268		
22	AND	EP	10 08 19.9				553	270		
22	RAT	EP	10 08 22.3				593	273		
		IP	10 09 16.2	102.9	.3					
22	ADK	EP C	11 27 31.9							
		ES	11 27 45.3							
22	ASD	EP	11 27 43.5							VERY EMERGENT
22	SSI	EP	11 27 44.1	33.2	.1					
22	ASB	EP	11 27 44.9							
		ES	11 28 7.9							
22	ASC	EP	11 27 47.1							
22	AND	EP	11 27 48.9							
22	ANA	EP	11 27 52.3							
22	RAT	EP	11 27 54.8	30.6	.2					

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	ASD	IPGD	11 59 20.5	75.9	.1	3.70				MIN.AMPL.
		ES	11 59 26.5							
22	ASB	IPGD	11 59 20.7							
		IS	11 59 26.7							
22	ACE	IPGC	11 59 21.5							
22	ACD	IPGC	11 59 22.1							
22	ASC	IPG	11 59 22.4							
22	ACA	IPG	11 59 22.9							
22	ACC	IPG	11 59 23.3							
22	ACF	IPGC	11 59 24.1							
22	AND	IPGD	11 59 24.6							
22	ANA	IPG	11 59 27.8							
22	SSI	IPGD	11 59 27.8	50.5	.1	3.81				
		ES	11 59 40.2							
22	RAT	IP	11 59 31.1	51.2	.2					POOR TAMP
22	RAT	IP D	16 39 14.3	82.6	.2	3.80				QP
		ES	16 39 29.5							
22	ANA	IP	16 39 17.6							
22	AND	EP	16 39 20.3							
22	ASC	EP	16 39 22.0							
22	ASB	EP	16 39 25.3							
22	ASD	EP	16 39 25.6							
		ES	16 39 47.1							
22	SSI	EP	16 39 26.4	6.2	.1					
.....										
22	16 43 58.70	38.83 N	40.52 E	DEPTH =	3.0 KM	MB = 6.0	MS = 6.7	TELESEISMIC SOLUTION		
		TURKEY								
22	ADK	EP	16 56 36.0				9341	22	7.3 MS	
		ES	17 07 00.0							
		EL	07 18 34.0							
.....										
22	17 8 47.52	51.79 N	179.46 E	DEPTH =	147.3 KM	FREE DEPTH SOLUTION				
		RAT ISLANDS, ALEUTIAN ISLANDS								
22	ASD	IP	17 09 8.1	4.6	.1	2.89	45	191	-.1	
		ES	17 09 22.8						-.5	
22	ASC	IP	17 09 8.1				42	210	-.0	
22	ACF	EP	17 09 8.1				44	228	-.1	
22	ASB	IP	17 09 8.3	7.9	.1	3.13	50	197	-.1	
22	ACE	EP	17 09 8.3				48	205	-.0	
22	AND	IP	17 09 8.4				43	235	.2	
22	ANA	IP	17 09 8.4				58	252	-.4	
22	ACA	EP	17 09 8.4				42	215	.3	
22	ACC	EP	17 09 8.4				45	221	.2	
22	ACD	EP	17 09 8.4				46	209	.1	
		ES	17 09 23.8						.5	
.....										
22	ASD	EP	17 17 8.1							
22	ASC	EP	17 17 8.9							
22	ACD	EP	17 17 9.1							
22	ASB	IP	17 17 9.4	5.6	.1	3.03				
		ES	17 17 28.8							
22	ANA	EP	17 17 10.7							
.....										
22	17 28 16.80	51.75 N	179.67 W	DEPTH =	93.3 KM	FREE DEPTH SOLUTION				
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
22	SSI	IP C	17 28 31.8	17.7	.1	3.34	53	288	-.0	
22	ASD	IP D	17 28 33.7	6.0	.1	2.92	79	240	-.1	
22	ASB	IP	17 28 34.3	7.9	.1	3.05	86	241	-.2	
		ES	17 28 47.3						-.0	
22	ASC	IP	17 28 34.7				86	249	.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
22	AND	IP	17 28 35.5				97	258	.0	
22	ANA	IP	17 28 37.7				116	264	.3	
22	RAT	EP	17 28 39.4	12.9	.1	3.37	138	273	-.3	
22	ADK	EP	19 15 35.5							
		ES	19 16 6.0							
22	20 39 2.32	51.02 N 179.02 E DEPTH = 25.6 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
22	ASB	IP D	20 39 10.3	146.7	.3	3.46	41	22	.1	
		ES	20 39 15.9						-.1	
22	ACE	IP C	20 39 10.7				44	14	.1	
22	ASD	IP D	20 39 10.9	81.3	.3	3.24	47	28	-.2	
		ES	20 39 17.0						-.4	
22	ACD	EP	20 39 11.1				46	10	.1	
22	ASC	IP C	20 39 11.6				50	11	.1	
22	ACA	IP C	20 39 11.9				52	7	.2	
		ES	20 39 18.9						.3	
22	ACC	EP	20 39 11.9				52	1	.2	
22	ACF	IP	20 39 12.5				56	358	.1	
22	AND	IP D	20 39 12.9				61	355	-.1	
22	ANA	IP	20 39 14.7				72	340	.0	
22	RAT	EP	20 39 18.4	44.7	.1	3.72	99	331	-.3	
22	SSI	EP	20 39 19.6	47.9	.2	3.47	105	22	.0	
22	20 41 11.13	51.07 N 179.10 E DEPTH = 33.8 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
22	ASB	IPGD	20 41 19.0	5.9	.1	2.54	34	18	.1	
		ES	20 41 24.4						-.2	
22	ACE	IPG	20 41 19.3				37	8	.0	
22	ASD	IPGD	20 41 19.5	7.6	.1	2.68	40	25	-.1	
		ES	20 41 25.5						-.2	
22	ACD	IPG	20 41 19.7				40	4	.1	
22	ASC	IPGC	20 41 20.2				44	6	.1	
22	ACC	IPG	20 41 20.4				47	355	-.0	
22	ACA	EPG	20 41 20.5				46	2	.2	
		ES	20 41 27.3						.2	
22	ACF	EPG	20 41 21.1				52	352	.0	
22	AND	IPGD	20 41 21.5				56	350	-.2	
22	ANA	EPG	20 41 23.3				69	334	-.2	
22	SSI	EP	20 41 27.6	8.9	.1	3.02	98	20	-.0	
22	20 56 15.90	50.90 N 178.48 E DEPTH = 32.1 KM RAT ISLANDS, ALEUTIAN ISLANDS								FREE DEPTH SOLUTION
22	ACE	EP	20 56 28.8				74	41	-.0	
22	ASB	IP	20 56 29.0	3.5	.1	2.52	74	46	.1	
22	ACD	EP	20 56 29.0				75	38	.1	
22	ACC	EP	20 56 29.2				76	31	.0	
22	ACF	EP	20 56 29.5				79	27	.0	
22	AND	IP	20 56 29.6				81	24	-.3	
22	ASC	EP	20 56 29.7				79	37	.1	
22	ACA	EP	20 56 29.7				79	34	.2	
22	ASD	IP	20 56 29.8	4.6	.1	2.67	81	47	-.1	
22	ANA	EP	20 56 29.9				82	9	-.1	
22	RAT	EP	20 56 32.5	24.6	.1	3.47	101	354	-.3	
		ES	20 56 44.5						-.5	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
22	21 20	.65	51.05 N 179.03 E	DEPTH = 28.4 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ASB	IPGD	21 20 8.4	153.3	.3	3.47	38	24	.0	
		ES	21 20 13.9						-.1	
22	ACE	IPGC	21 20 8.7				40	14	.0	
22	ASD	IPGD	21 20 9.0	31.2	.1	3.30	44	30	-.2	
		ES	21 20 14.9						-.4	
22	ACD	EPG	21 20 9.1				43	10	.1	
22	ASC	IPGC	21 20 9.7				47	12	.1	
		ES	21 20 16.3						.2	
22	ACA	IPG	21 20 9.9				48	8	.1	
		ES	21 20 16.4						-.0	
22	ACC	EPG	21 20 9.9				48	1	.1	
22	ACF	IPG	21 20 10.6				53	357	.2	
22	AND	IPGD	21 20 10.9				57	355	-.1	
22	ANA	IPGC	21 20 12.8				69	338	.1	
22	RAT	IP C	21 20 16.3	55.6	.1	3.81	96	330	-.4	
22	SSI	IP D	21 20 17.5	59.8	.1	3.86	102	22	.0	
.....										
22	22 59 47.37		51.18 N 179.15 E	DEPTH = 32.5 KM		FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS										
22	ASB	EPG	22 59 53.5	3.0	.1	2.16	22	18	-.2	QS
		ES	22 59 58.2						-.1	
22	ACE	EPG	22 59 53.9				25	4	-.1	
22	ASD	EPG	22 59 54.1	2.0	.1	2.01	27	29	-.2	
22	ASC	EPG	22 59 54.9				32	2	.2	
22	ACA	EPG	22 59 55.1				34	356	.1	
22	ACD	EPG	22 59 55.3				28	358	1.0	
22	ACF	EPG	22 59 55.7				40	344	-.1	
22	AND	EPG	22 59 56.1				45	342	-.2	
22	ANA	EPG	22 59 58.0				60	326	-.4	
22	RAT	E(P)	23 00 2.8				90	321	.2	QP
.....										
23	ADK	EP	00 45 .1							
		ES	00 45 9.3							
23	ASD	EPN	00 45 21.5							
		EPG	00 45 23.3	12.7	.1					
23	ASB	EPN	00 45 22.1							
		IPG	00 45 24.9	42.7	.2					
		E(S)	00 45 49.3							
23	ASC	EP	00 45 23.2							
23	AND	EP	00 45 25.5							
23	ANA	EP	00 45 28.0							
.....										
23	2 0 38.77		51.69 N 179.73 W	DEPTH = 46.3 KM		FREE DEPTH SOLUTION				
DELAROF ISLANDS, ALEUTIAN ISLANDS										
23	ASD	IPGD	02 00 52.0	3.4	.1	2.53	72	243	-.0	
23	ASB	IPGD	02 00 52.9	3.3	.1	2.55	80	243	-.0	
		IS	02 01 3.2						-.0	
23	ASC	EPG	02 00 53.0				81	252	-.0	
.....										
23	RAT	EP	04 32 56.8	52.6	.1					
23	ANA	EP	04 32 59.7							
		ES	04 33 11.9							
23	AND	EP	04 33 2.1							
23	ACF	EP	04 33 2.6							
23	ACA	EP	04 33 4.0							
23	ASC	EP	04 33 4.1							
23	ASB	EP	04 33 5.1	3.9	.1	2.82				
23	ASD	EP	04 33 5.8	4.2	.1	2.86				

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	SSI	ES EP	04 33 23.0 04 33 8.4							
23	6 17 44.98		51.49 N 179.79 E				DEPTH = 74.1 KM			FREE DEPTH SOLUTION
							RAT ISLANDS, ALEUTIAN ISLANDS			
23	ASD	EP	06 17 56.7	2.7	.1	2.40	33	250	.0	
23	ASB	EP	06 17 57.1	3.5	.1	2.54	41	249	-.0	
		ES	06 18 6.0						-.0	
23	ASC	EP	06 17 57.3				44	266	-.0	
23	ACD	E(P)	06 17 57.6				46	261	.1	
23	ADK	EP C	11 12 50.7							
		ES	11 13 1.1							
23	SSI	EP	11 13 10.9							
23	ASD	EP	11 13 11.6	8.1	.2					
23	ASB	EP	11 13 12.6	10.7	.2					
		E(S)	11 13 43.5							
23	ASC	EP	11 13 13.4							
23	11 58 29.72		51.52 N 179.17 W				DEPTH = 25.0 KM			FIXED DEPTH SOLUTION
							DELAROF ISLANDS, ALEUTIAN ISLANDS			
23	ASD	EP	11 58 46.8	1.1	.1	2.14	104	263	-.1	V.EMERGENT
23	ASB	EP	11 58 48.0	1.4	.1	2.26	111	261	.1	QP
		ES	11 59 1.2						.0	
23	ASC	EP	11 58 48.6				116	267	.0	QP
23	ASD	EP	12 33 38.9	3.1	.1					NO S VISIBLE
23	ASB	EP	12 33 39.7	12.9	.2					
23	AND	EP	12 33 40.2							
23	ASC	EP	12 33 40.4							
23	13 17 20.09		51.71 N 179.63 W				DEPTH = 85.2 KM			FREE DEPTH SOLUTION
							DELAROF ISLANDS, ALEUTIAN ISLANDS			
23	SSI	EP	13 17 34.6	16.3	.1	3.28	58	291	-.0	
		ES	13 17 45.2						-.0	
23	ASD	EP	13 17 36.3	7.7	.1	3.01	80	244	-.2	
23	ASB	EP	13 17 37.0	5.8	.1	2.90	87	244	-.2	
		ES	13 17 49.6						-.0	
23	ASC	EP	13 17 37.4				88	253	.1	
23	ACE	EP	13 17 37.5				90	248	.1	
23	AND	EP	13 17 39.0				99	261	.6	
23	ANA	EP	13 17 40.0				119	266	-.4	
23	16 14 .51		51.37 N 178.84 E				DEPTH = 44.1 KM			FREE DEPTH SOLUTION
							RAT ISLANDS, ALEUTIAN ISLANDS			
23	AND	IPG	16 14 8.2				23	19	-.2	
23	ACF	IPG	16 14 8.3				20	31	.1	
23	ACA	IPG	16 14 8.4				23	57	.0	
23	ACD	EPG	16 14 8.4				21	72	.1	
23	ACE	IPG	16 14 8.4				23	81	.0	
23	ASB	IPG	16 14 8.7	7.2	.1	2.66	28	92	-.1	
		ES	16 14 14.6						-.2	
23	ASC	EPG	16 14 8.7				25	65	.2	
23	ANA	EPG	16 14 9.1				31	336	.0	
23	ASD	IPG	16 14 9.3	12.5	.1	2.93	35	86	-.1	
		ES	16 14 15.6						-.2	
23	RAT	E(P)	16 14 12.0	12.6	.1	3.04	60	323	-.1	POOR TAMP
23	SSI	EP	16 14 14.4	9.8	.1	3.01	78	41	.1	POOR TAMP

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
23	RAT	IP	16 30 56.6	80.5	.3					
		ES	16 31 21.7							
23	ANA	EP	16 31 1.0							
		E(S)	16 31 29.6							
23	AND	EP	16 31 3.3							
23	ASB	EP	16 31 6.4	4.6	.2					QP
23	SSI	E(P)	16 31 6.7							QP
23	ASD	EP	16 31 6.8	9.5	.3					
23	ASC	EPG	19 56 48.3							V.EMERGNT LOCAL
23	AND	EPG	19 56 48.5							
		ES	19 56 54.2							
23	ASD	EPG	19 56 49.0	.7	.1					V.POOR TAMP
.....										
23	21 9	3.46	51.48 N 179.61 E	DEPTH = 11.7 KM					FREE DEPTH SOLUTION	
	RAT ISLANDS, ALEUTIAN ISLANDS									
23	ASD	IPG	21 09 7.9	3.8	.1	2.07	21	242	.1	
23	ASB	IPG	21 09 8.8	7.7	.1	2.48	28	243	-.2	
		IS	21 09 13.3						.3	
23	AGE	TPG	21 09 9.5				32	254	.0	
23	ASC	IPG	21 09 9.6				31	267	.2	
23	ACD	EPG	21 09 9.8				33	260	.1	
23	ACA	EPG	21 09 9.9				34	271	.1	
23	SSI	IPGC	21 09 11.6	10.5	.1	2.79	46	358	-.1	
23	AND	E(P)	21 09 11.7				46	282	-.0	
		IS	21 09 17.5						-.2	
23	RAT	EP	21 09 19.5	17.9	.1	3.30	95	292	.4	
		ES	21 09 30.5						-.1	
.....										
23	RAT	EP	22 51 22.2	495.8	.3					
		ES	22 51 48.4							
23	ANA	IPN	22 51 25.7							EP POSS.P STAR
		EP	22 51 26.8							
		EPG)	22 51 27.9							
23	AND	EP	22 51 28.0							
23	ASC	EP	22 51 30.3							QP
23	ASB	EP	22 51 31.3	23.8	.2					
		E(S)	22 52 6.9							
23	ASD	EP	22 51 32.1	50.1	.3					QP
23	SSI	EP	22 51 33.1	31.0	.1					
23	SSI	EP	23 43 51.2	24.4	.2					
		ES	23 44 17.2							
23	ASD	EP	23 43 51.8	4.8	.2					
23	ASB	EP	23 43 53.4	9.2	.2					QP
		E(S)	23 44 22.6							
23	ASC	EP	23 43 53.7							
23	RAT	EP	23 44 2.2	23.3	.3					
.....										
24	3 2	10.29	51.42 N 178.78 E	DEPTH = 45.8 KM					FREE DEPTH SOLUTION	
	RAT ISLANDS, ALEUTIAN ISLANDS									
24	AND	IPGC	03 02 18.1				20	37	-.0	
24	ACC	IPGD	03 02 18.2				19	69	.1	
24	ACF	IPGD	03 02 18.2				19	52	.1	
24	ANA	IPGC	03 02 18.5				24	340	.1	
24	ACA	IPGD	03 02 18.6				24	74	.2	
24	ACD	IPGD	03 02 18.6				25	88	.1	QDIR
24	ACE	IPGD	03 02 18.6				27	95	-.1	
24	ASC	IPGD	03 02 18.7				27	80	.1	
24	ASB	IPGC	03 02 19.1	211.5	.1	4.16	33	102	-.0	
		ES	03 02 24.9						-.7	
24	ASD	IPGC	03 02 19.7				39	95	-.0	WHITE OUT
24	RAT	IPGC	03 02 20.8	240.9	.1	4.30	52	324	-.3	MIN.AMPLITUDE
24	SSI	IPGC	03 02 24.1				76	47	.1	WHITE OUT

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		IS	03 02 33.9						-.1	
24	ASD	IP D	03 50 53.9							
		I	03 50 55.0	41.2	.2	3.28				
24	ASB	IP D	03 50 54.4	50.9	.2	3.39				
		ES	03 51 3.4							
24	ACE	IP	03 50 55.4							
24	ASC	EP	03 50 56.2							
24	AND	IP	03 50 58.6							
24	SSI	IP D	03 50 59.9	79.4	.1					
24	ANA	EP	03 51 1.6							
24	RAT	EP	03 51 5.6	40.5	.2	3.57				
		E(S)	03 51 23.8							
24	3 55 5.00	50.88 N 179.89 W	DEPTH = 50.0 KM							FIXED DEPTH SOLUTION
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
24	ASD	EP	03 55 18.3				79	317	-.8	
		I	03 55 19.6	4.5	.1	2.68				
24	ASB	EP	03 55 18.9	10.9	.2	2.78	81	312	-.5	
		ES	03 55 27.7						-2.1	
24	ASC	EP	03 55 20.5				93	315	-.3	
24	ACC	IP	03 55 22.4				101	313	.6	
24	AND	EP	03 55 23.0				111	314	-.0	
24	SSI	IP D	03 55 24.2	14.6	.1	3.33	119	342	.2	
		ES	03 55 37.8						-.0	
24	RAT	EP	03 55 29.9	6.8	.1	3.10	161	310	.7	
24	5 0 21.03	51.50 N 178.94 E	DEPTH = 46.4 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
24	AND	EPG	05 00 28.1				7	11	-.3	
24	ACF	EPG	05 00 28.2				5	59	-.1	
24	ACE	EPG	05 00 28.5				20	125	-.4	
24	ACA	EPG	05 00 28.9				13	101	.3	
24	ACC	EPG	05 00 28.9				8	106	.5	
24	ASD	EPG	05 00 29.8	.1	.1	.97	31	114	.1	QP.V.SM.LOCAL
		ES	05 00 36.0						-.1	
24	6 10 27.64	51.41 N 178.79 E	DEPTH = 44.7 KM							FREE DEPTH SOLUTION
		RAT ISLANDS, ALEUTIAN ISLANDS								
24	AND	IPG	06 10 35.3				20	35	-.1	LOCAL
24	ACC	IPG	06 10 35.5				19	66	.2	
24	ACF	IPG	06 10 35.5				19	49	.2	
24	ANA	IPG	06 10 35.8				25	340	.1	
24	ACD	IPG	06 10 35.8				24	86	.1	
24	ACE	IPG	06 10 35.8				27	93	-.1	
24	ACA	IPG	06 10 35.9				24	72	.2	
		ES	06 10 41.3						-.2	
24	ASC	IPG	06 10 36.1				27	78	.2	
24	ASB	IPG	06 10 36.3	8.7	.1	2.76	33	100	-.0	
		IS	06 10 42.3						-.4	
24	ASD	IPG	06 10 36.9	6.2	.1	2.64	39	93	-.0	
		ES	06 10 43.1						-.6	
24	RAT	IPGD	06 10 38.1	19.1	.1	3.20	53	324	-.4	
24	SSI	IPGD	06 10 41.4	5.3	.1	2.74	77	46	.0	
		ES	06 10 51.5						.1	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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24	6 13 30.71	51.08 N 179.18 E DEPTH = 25.7 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
24	ASB	IPGD	06 13 37.6	50.7	.1	3.41	32	8	.2	LOCAL	
		IS	06 13 42.3						.0		
24	ASD	IPGD	06 13 38.0	12.0	.1	2.82	36	18	-.0		
		ES	06 13 43.1						-.3		
24	ACE	IPGC	06 13 38.0				36	359	.1		
24	ACD	EPG	06 13 38.5				39	355	.1		
24	ASC	IPGC	06 13 38.9				43	358	.0		
24	ACA	IPG	06 13 39.2				45	354	.0		
		ES	06 13 45.6						.3		
24	ACC	EPG	06 13 39.3				46	348	-.0		
24	ACF	EPG	06 13 40.0				51	345	-.1		
24	AND	IPG	06 13 40.4				56	343	-.4		
24	ANA	EPG	06 13 42.4				71	329	-.5		
24	SSI	IPGC	06 13 46.5	7.5	.1	2.93	95	17	.1		
24	RAT	EP	06 13 47.7	6.5	.1	2.88	100	324	.5	POOR TAMP	

24	6 48 31.35	52.06 N 178.44 E DEPTH = 165.9 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
24	RAT	IP C	06 48 53.6	12.4	.1	3.36	30	195	-.1		
24	ANA	IP	06 48 54.5				51	163	.1		
24	AND	IP	06 48 55.0				66	147	-.0		
		ES	06 49 12.4						.1		
24	SSI	EP	06 48 55.8	6.1	.1	3.09	81	103	-.0		
24	ASC	EP	06 48 56.1				83	143	.2		
24	ASD	EP	06 48 56.7	9.7	.2	3.00	97	140	-.1		
24	ASB	EP	06 48 56.7	4.2	.1	2.94	96	144	-.0		
		ES	06 49 15.1						-.1		

24	RAT	EP	09 29 10.1							QS
		I	09 29 11.6	408.2	.4					
		E(S)	09 29 50.1							
24	ANA	EP	09 29 15.0							QP
24	AND	EP	09 29 16.3							QP
24	ASC	EP	09 29 18.7							QP
24	ASB	EP	09 29 19.6	22.2	.3					QP. POOR S
		E(S)	09 30 15.3							
24	ASD	EP	09 29 20.3	31.9	.4					QP
24	SSI	EP	09 29 20.5	31.0	.3					QP
24	SSI	EP	09 48 46.8	10.0	.1					
24	ASB	EP	09 48 53.0	5.7	.2					NO S VISIBLE
24	ASC	EP	09 48 54.8							
24	AND	EP	09 48 55.5							

24	10 3 54.77	51.59 N 179.12 E DEPTH = 43.7 KM					FREE DEPTH SOLUTION				
RAT ISLANDS, ALEUTIAN ISLANDS											
24	AND	IPG	10 04 1.7				12	255	-.2	LOCAL	
		IS	10 04 7.3						.1		
24	ACF	EPG	10 04 1.9				11	231	-.0		
24	ACC	IPG	10 04 2.0				13	204	.0		
24	ANA	IPG	10 04 2.2				32	278	-1.1		
24	ACA	IPG	10 04 2.2				12	180	.2		
24	ACD	EPG	10 04 2.2				18	176	-.1		
24	ACE	IPG	10 04 2.2				21	170	-.3		
24	ASC	IPG	10 04 2.5				14	167	.4		
24	ASB	IPG	10 04 2.7	5.8	.1	2.56	27	160	-.2		
		ES	10 04 8.7						-.1		
24	ASD	IPG	10 04 3.3	5.3	.1	2.52	27	145	.4		
		ES	10 04 9.6						.8		

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 24	SSI	IPGC	10 04 4.5	8.0	.1	2.78	47	44	-.4	
.		ES	10 04 12.7						.5	
. 24	RAT	IPGC	10 04 7.9	7.9	.1	2.83	59	294	1.6	
.		IS	10 04 17.7						2.9	
.....										
. 24	14 39	1.95	51.66 N 179.57 W	DEPTH = 183.8 KM					FREE DEPTH SOLUTION	
.			DELAROF ISLANDS, ALEUTIAN ISLANDS							
. 24	ASD	EP	14 39 28.4	1.5	.1	2.52	81	249	.0	QP
. 24	ASB	EP	14 39 28.8	2.4	.1	2.72	88	248	.0	QP
.		E(S)	14 39 48.4						.0	
. 24	ASC	EP	14 39 28.9				90	256	.0	QP
.....										
. 24	16 3	54.95	52.21 N 179.63 E	DEPTH = 156.6 KM					FREE DEPTH SOLUTION	
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 24	ASC	EP	16 04 19.0				89	201	.1	
.		E(S)	16 04 36.5						.1	
. 24	ASD	EP	16 04 19.1	2.9	.1	2.76	93	192	-.1	
.		E(S)	16 04 36.7						-.1	
. 24	ASB	EP	16 04 19.5	3.0	.1	2.78	98	196	.0	
. 24	RAT	IP	16 04 19.6	6.5	.1	3.12	100	244	-.0	
.....										
. 24	18 25	35.78	51.35 N 179.79 E	DEPTH = 17.0 KM					FREE DEPTH SOLUTION	
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 24	ASD	EPG	18 25 41.8	.8	.1	1.57	31	279	-.1	V.SM.LOCAL
.		ES	18 25 46.3						-.0	
. 24	ASB	EPG	18 25 42.8	1.8	.1	1.96	38	273	.0	
.		IS	18 25 48.0						.1	
. 24	ACE	EPG	18 25 43.5				43	278	-.1	
.		ES	18 25 49.4						.1	
. 24	ASC	EPG	18 25 44.1				45	287	.2	
. 24	ACD	EPG	18 25 44.1				46	282	.1	
.		ES	18 25 50.0						-.1	
. 24	ACA	EPG	18 25 44.4				49	288	-.0	
.....										
. 24	20 53	18.20	59.71 N 144.35 W	DEPTH = 33.0 KM MB = 3.5					TELESEISMIC SOLUTION	
.			GULF OF ALASKA							
.....										
. 24	19 20	28.42	51.28 N 179.52 W	DEPTH = 25.0 KM					FIXED DEPTH SOLUTION	
.			DELAROF ISLANDS, ALEUTIAN ISLANDS							
. 24	ASD	EPG	19 20 41.8	1.3	.1	2.09	80	279	-.2	
. 24	ASB	EPG	19 20 42.8	.9	.1	1.97	86	276	-.1	
.		ES	19 20 53.5						.1	
. 24	SSI	IPG	19 20 43.8	13.0	.1	3.16	92	318	.1	
.		IS	19 20 54.8						-.1	
. 24	ASC	EPG	19 20 44.2				94	283	.2	
.....										
. 25	1 58	38.92	51.42 N 178.77 E	DEPTH = 41.6 KM					FREE DEPTH SOLUTION	
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 25	AND	IP	01 58 46.5				20	39	.2	
. 25	ASB	IP	01 58 47.5	2.9	.1	2.27	34	102	.0	
.		ES	01 58 53.5						-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	ASD	IP	01 58 48.1	1.4	.1	1.98	40	95	-.0	
25	RAT	EP	01 58 49.4				52	324	-.1	
25	SSI	IP	01 58 52.7				77	47	.0	
		IS	01 59 2.6						-.1	
.....										
25	3 18 10.33	51.37 N 178.93 E DEPTH = 44.3 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
25	ACD	IP	03 18 17.8				16	65	.0	
25	AND	EP	03 18 18.0				22	4	-.1	
25	ACA	IP	03 18 18.0				18	46	.1	
		IS	03 18 23.4						-.0	
25	ASC	IP	03 18 18.1				19	57	.1	
25	ASB	IP	03 18 18.1				22	92	-.1	
		ES	03 18 23.8						-.1	
25	ASD	IP	03 18 18.6	3.6	.1	2.37	29	85	-.1	
.....										
25	6 33 2.91	51.05 N 178.08 E DEPTH = 23.9 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
25	ANA	EP	06 33 16.0				75	32	.3	
25	AND	EP	06 33 16.7				83	47	-.1	
25	RAT	IP	06 33 16.9	7.1	.1	2.86	85	12	-.2	
25	ASS	IP	06 33 17.7	7.6	.1	2.90	88	67	.1	
		ES	06 33 28.1						-.2	
25	ASC	EP	06 33 17.7				88	59	.1	
25	ASD	EP	06 33 18.6	2.1	.1	2.38	95	66	-.1	
25	SSI	IP	06 33 25.4	8.8	.1	3.14	140	48	-.0	
		IS	06 33 41.9						.1	
.....										
25	10 44 52.33	51.50 N 179.36 W DEPTH = 16.7 KM						FREE DEPTH SOLUTION		
		DELAROF ISLANDS, ALEUTIAN ISLANDS								
25	SSI	IP	10 45 6.8				85	301	.4	
		IS	10 45 16.2						-.4	
25	ASD	EP	10 45 7.2	12.2	.1	3.11	91	263	-.2	
25	ASB	EP	10 45 8.5	17.0	.1	3.29	98	261	.1	
		ES	10 45 20.2						.1	
25	ASC	EP	10 45 9.1				102	268	.0	
25	AND	EP	10 45 11.3				117	274	.0	
25	RAT	IP	10 45 17.9				163	283	-.4	
		IS	10 45 37.5						.4	
.....										
25	10 59 10.17	51.52 N 179.92 E DEPTH = 54.2 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
25	ASD	EP	10 59 20.6	2.4	.1	2.29	43	250	.0	
		IS	10 59 28.2						.0	
25	ASB	EP	10 59 21.3				50	249	.0	
25	AND	EP	10 59 23.1				67	274	.0	
.....										
25	ADK	EP	11 32 40.3							
		ES	11 33 .8							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
25	11 40	4.70	51.64 N 174.28 W	DEPTH = 24.0 KM MB = 4.9			TELESEISMIC SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
25	ADK	EP	11 40 31.4				168	280	.2	
		ES	11 40 52.3						1.7	
25	NIK	EP	11 41 1.5				398	66	1.9	
25	SSI	IP	11 41 3.4				423	276	.6	
25	ASD	EP	11 41 4.7				443	269	-.5	
25	ASB	EP	11 41 6.2				450	269	.2	
		E	11 42 13.9							
25	ASC	EP	11 41 6.7				454	270	.1	
25	AND	EP	11 41 9.3				468	272	1.0	
25	ANA	EP	11 41 11.8				488	273	1.1	
25	GMA	EP	11 43 48.0				1709	21	6.5	
.....										
25	ADK	EP	11 50 45.6							
		ES	11 51 6.1							
25	SSI	EP	11 51 18.1							
25	ASD	EP	11 51 19.4							
25	ASB	EP	11 51 20.9							
		ES	11 52 7.1							
25	ASC	EP	11 51 21.2							
25	ADK	EP	12 04 50.0							
		ES	12 05 10.5							
25	ASD	EP	12 05 23.1							
25	ASB	EP	12 05 24.2							
		ES	12 06 10.4							
25	ASC	EP	12 05 25.3							
25	ADK	EP	13 03 36.2							
		ES	13 03 57.0							
		E	13 04 22.3							
25	ADK	EP	13 06 23.4							
		ES	13 06 44.2							
25	ADK	EP	13 08 21.4							
		ES	13 14 40.0							
		EL	13 18 0.0							
25	ADK	EP	14 25 55.7							
		ES	14 26 15.8							
25	SSI	IP	14 26 27.7							
25	ASD	EP	14 26 29.0							
25	ASB	EP	14 26 30.2							
		ES	14 27 16.3							
25	ASC	EP	14 26 31.1							
25	AND	EP	14 26 33.0							
25	ADK	EP	15 32 .6							
		ES	15 32 21.7							
25	ADK	EP	16 37 43.5							
		ES	16 38 3.5							
.....										
25	17 23	44.78	51.06 N 179.82 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
25	ASD	IP	17 23 56.2	2.7	.1	2.36	69	302	-.5	
		IS	17 24 5.1						-.3	
25	ASB	EP	17 23 58.1	3.3	.1	2.48	73	297	.8	
		IS	17 24 6.5						.0	
25	ASC	EP	17 23 58.6				84	302	-.3	
25	SSI	IP	17 24 1.3				101	336	-.2	
		IS	17 24 14.0						.4	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
25	AND	EP	17 24 1.9				102	303	.3	
25	ADK	EP	20 26 32.2							
		ES	20 26 53.9							
26	0 11	54.50	24.91 S	179.15 W	DEPTH = 413.0 KM	MB = 5.4	TELESEISMIC SOLUTION			
SOUTH OF FIJI ISLANDS										
26	ADK	EP	00 23 .3				8505	2		
26	2 40	59.83	51.39 N	178.78 E	DEPTH = 43.9 KM		FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	AND	EP	02 41 7.9				22	33	.3	
26	ASB	EP	02 41 8.5				33	96	-.0	
		ES	02 41 14.4						-.4	
26	ASD	IP	02 41 9.3	8.4	.1	2.77	39	90	.2	
26	RAT	IP	02 41 10.7				55	326	-.2	
26	SSI	IP	02 41 13.8				79	45	-.0	
		IS	02 41 24.0						-.0	
26	7 53	.61	52.33 N	179.71 E	DEPTH = 162.4 KM		FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
26	ASD	EP	07 53 26.3	2.8	.1	2.77	108	194	-.1	
26	ASC	EP	07 53 26.3				104	202	.1	
26	RAT	IP	07 53 26.7				112	239	-.0	
26	ASB	EP	07 53 26.8				113	197	.0	
		ES	07 53 45.9						-.0	
26	AND	EP	08 55 3.2							
26	ASC	EP	08 55 3.8							
26	ASD	EP	08 55 4.8							
		IS	08 55 11.3							
26	ADK	EP D	09 53 54.9							
		ES	09 54 1.7							
26	SSI	IP	09 54 22.2							
		IS	09 54 52.0							
26	ASD	EP	09 54 24.2							
		ES	09 54 56.4							
26	ASB	IP C	09 54 25.6							
26	ACE	EP	09 54 25.8							
26	ASC	EP	09 54 25.9							
26	ACC	EP	09 54 26.1							
26	ACA	EP	09 54 26.3							
26	AND	EP	09 54 27.4							
26	RAT	EP	09 54 33.1							
26	10 12	4.39	51.50 N	179.64 W	DEPTH = 23.1 KM		FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
26	SSI	IP	10 12 16.2	23.4	.1	3.30	69	309	-.0	
		IS	10 12 24.8						-.0	
26	ASD	EP	10 12 16.6	12.7	.1	3.05	72	260	-.1	
		ES	10 12 29.5						3.9	
26	ASB	EP	10 12 17.8	16.8	.1	3.21	79	259	.1	
26	ASC	EP	10 12 18.4				83	267	.0	
26	AND	EP	10 12 20.5				98	274	-.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
26	ASD	EP	11 10 25.4	3.8	.1					
		IS	11 10 51.9							
26	ASB	EP	11 10 27.0							
26	ASC	EP	11 10 27.7							
26	SSI	IP	11 10 29.2							
		IS	11 10 44.5							
.....										
26	11 32 3.10	51.28 N 179.80 E DEPTH = 25.0 KM							FIXED DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
26	ASD	IP	11 32 9.9				34	291	-.2	
26	ASB	EP	11 32 10.9				40	283	.1	
		ES	11 32 16.4						-.0	
26	ASC	EP	11 32 12.2				49	295	.1	
.....										
26	SSI	IP	12 47 7.9							
26	ASD	EP	12 47 8.8	6.9	.1					
		ES	12 47 30.8							
26	ASB	EP	12 47 9.4							
26	ASC	EP	12 47 10.1							
26	ASD	IP	13 15 1.4							
26	ASB	EP	13 15 2.3							
		ES	13 15 10.1							
.....										
26	15 20 26.60	51.03 N 174.59 W DEPTH = 58.0 KM MB = 3.8							TELESEISMIC SOLUTION	
		ANDREANOF ISLANDS, ALEUTIANS ISLANDS								
26	ADK	EP D	15 20 51.7				174	304	-.7	
		ES	15 21 11.5						.3	
26	ASD	EP	15 21 24.3				425	278	.9	
		E	15 21 31.1							
26	ASB	EP	15 21 25.3				432	277	1.1	
		E	15 21 31.8							
		E(S)	15 22 31.1						24.9	
26	ASC	EP	15 21 26.4				438	279	1.5	
.....										
27	0 19 10.50	50.74 N 178.94 E DEPTH = 30.5 KM							FREE DEPTH SOLUTION	
		RAT ISLANDS, ALEUTIAN ISLANDS								
27	ASB	IP	00 19 23.1				73	17	-.1	
27	ACE	IP C	00 19 23.8				76	12	.2	
27	ASD	IP	00 19 23.9				78	21	-.1	
27	ACD	IP	00 19 24.2				78	10	.2	
27	ASC	IP	00 19 24.6				82	11	.0	
27	ACC	IP	00 19 24.9				84	5	.1	
27	ACA	IP	00 19 24.9				84	8	.1	
27	AND	IP	00 19 25.4				92	0	-.6	
27	ACF	IP	00 19 25.5				88	2	.1	
27	RAT	IP C	00 19 31.1				126	340	.1	
		IS	00 19 46.0						.0	
27	SSI	IP	00 19 32.6	33.2	.1	3.71	136	19	.0	
.....										
27	RAT	IP	00 59 19.1							
27	AND	EP	00 59 22.0							
27	ASB	EP	00 59 23.6	3.5	.1					
		ES	00 59 46.9							
27	ASD	EP	00 59 24.3							
27	SSI	IP	00 59 30.2	27.3	.1					
		IS	00 59 58.3							

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	1 11	53.61	51.17 N 179.06 E	DEPTH = 40.6 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASB	EP	01 12 1.4				25	32	.2	
		IS	01 12 6.9						.1	
27	ASD	IP	01 12 1.6				31	39	-.2	
		IS	01 12 7.6						-.2	
27	ASC	IP	01 12 2.3				33	13	.3	
27	AND	EP	01 12 3.0				44	350	-.2	
27	SSI	IP	01 12 8.8				88	24	-.1	
		IS	01 12 20.1						.1	
27	1 35	2.51	51.41 N 178.76 E	DEPTH = 45.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	AND	IP C	01 35 10.4				22	37	-.0	
27	ACF	IP	01 35 10.5				21	50	.1	
27	ACC	IP	01 35 10.6				21	66	.2	
27	ACD	IP	01 35 10.9				26	84	.2	
27	ACE	IP	01 35 10.9				29	91	-.0	
27	ACA	IP	01 35 10.9				26	71	.1	
27	ASC	IP D	01 35 11.1				29	77	.1	
27	ASB	IP C	01 35 11.4				34	98	-.0	
		IS	01 35 17.1						-.8	
27	ASD	IP C	01 35 12.0				40	92	-.0	
27	RAT	IP	01 35 13.1				53	326	-.3	
		ES	01 35 26.4						5.1	
27	SSI	IP	01 35 16.5				79	46	.0	
27	3 36	10.28	51.31 N 179.03 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	03 36 28.6	4.8	.1	2.80	113	275	-.2	
27	SSI	IP	03 36 29.2				115	305	.1	
		IS	03 36 42.7						-.1	
27	ASB	IP	03 36 29.9				120	273	.2	
		ES	03 36 44.0						.1	
27	ASC	IP	03 36 30.9				126	278	.2	
27	AND	EP	03 36 32.9				142	282	-.3	
27	4 16	30.15	51.32 N 179.25 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP	04 16 46.5				98	275	-.1	
27	ASB	IP	04 16 47.4				104	273	.0	
		ES	04 16 59.9						.0	
27	ASC	IP	04 16 48.2				111	279	.0	
27	6 13	29.08	52.38 N 179.82 E	DEPTH = 136.9 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
27	SSI	IP	06 13 49.0				57	196	-.0	
27	AND	EP	06 13 52.5				109	214	-.0	
27	ASD	EP	06 13 52.9				115	197	-.2	
27	ASC	IP	06 13 53.1				112	204	.3	
27	ASB	IP	06 13 53.4	4.8	.1	2.98	120	199	-.1	
		ES	06 14 11.3						-.0	
27	RAT	IP	06 13 53.5	2.7	.1	2.73	121	238	-.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
.....										
27	7 33	35.09	51.39 N 179.38 E	DEPTH = 60.8 KM						FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASD	IP D	07 33 44.2	35.4	.1	3.41	3	263	.1	
27	ASB	IP	07 33 44.3				10	249	.0	
		IS	07 33 50.7						-.2	
27	ACE	IP	07 33 44.4				15	273	.0	
27	ACD	EP	07 33 44.5				18	283	-.0	
27	ASC	IP	07 33 44.6				17	297	.1	
27	ACA	IP	07 33 44.8				21	298	.2	
27	ACC	IP	07 33 45.0				26	293	.1	
27	ACF	IP	07 33 45.2				31	299	-.0	
27	AND	IP	07 33 45.3				35	302	-.2	
27	SSI	IP	07 33 47.4	17.7	.1	3.23	57	14	-.0	
27	RAT	IP	07 33 50.3	22.4	.1	3.43	86	302	-.2	
		IS	07 34 1.9						.2	
.....										
27	8 18	2.85	51.15 N 179.10 E	DEPTH = 50.2 KM						FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASB	EP	08 18 11.5				25	23	-.0	
		IS	08 18 17.8						-.0	
27	ASD	EP	08 18 11.9				32	32	-.1	
27	ASC	EP	08 18 12.4				35	7	.2	
27	AND	EP	08 18 13.3				47	347	-.1	
.....										
27	8 48	28.32	51.53 N 179.37 E	DEPTH = 101.9 KM						FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
27	ASD	EP	08 48 42.5				15	186	-.1	
27	ASB	EP	08 48 42.7				20	204	-.0	
		ES	08 48 53.2						-.0	
27	ASC	EP	08 48 42.8				16	243	.2	
27	AND	EP	08 48 42.9				29	278	-.1	
.....										
27	10 35	8.35	51.55 N 179.27 W	DEPTH = 25.0 KM						FIXED DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS										
27	SSI	EP	10 35 22.5				88	296	-.6	
		I	10 35 23.9							
		IS	10 35 33.5						-.3	
27	ASD	EP	10 35 24.4	11.5	.1	3.12	98	260	-.2	
27	ASB	EP	10 35 25.5	10.5	.1	3.11	105	259	-.2	
		ES	10 35 37.7						-.5	
27	ASC	EP	10 35 26.5				109	266	.3	
27	AND	EP	10 35 28.4				123	271	.0	
27	RAT	IP	10 35 35.2				168	281	.3	
		IS	10 35 55.5						1.3	
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27	ADK	EP	15 04 10.7							
		ES	15 04 19.1							
27	SSI	EP	15 04 34.7							
		IS	15 05 3.2							
27	ASD	EP	15 04 35.5	9.8	.1					
		ES	15 05 11.2							
27	ASB	EP	15 04 36.3							
27	ASC	EP	15 04 37.8							
27	AND	EP	15 04 39.6							
27	RAT	EP	15 04 45.4							
27	RAT	IP	15 59 11.3	21.9	.3					

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
		ES	15 59 37.8							
27	AND	EP	15 59 17.5							
27	ASC	EP	15 59 18.2							
		ES	15 59 55.5							
27	ASB	EP	15 59 20.6							
27	ASD	EP	15 59 21.1	46.8	.3					
27	SSI	EP	15 59 22.3							

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 27 16 32 49.75 50.46 N 178.29 E DEPTH = 25.0 KM FIXED DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

27	ASB	EP	16 33 9.3				121	33	-.0	
27	ASD	EP	16 33 10.0				127	35	-.3	
		ES	16 33 25.5						.2	
27	ASC	IP	16 33 10.4				127	28	.0	
27	AND	EP	16 33 10.8				131	20	-.1	
27	SSI	IP	16 33 18.5	19.5	.1	3.59	183	29	.4	

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 27 17 44 53.77 51.28 N 179.44 W DEPTH = 31.4 KM FREE DEPTH SOLUTION
 DELAROF ISLANDS, ALEUTIAN ISLANDS

27	ASD	EP	17 45 8.3	3.8	.1	2.60	86	279	-.1	
27	ASB	IP	17 45 9.2				92	276	-.1	
		IS	17 45 20.7						.2	
27	SSI	IP C	17 45 10.0				96	316	.2	
		ES	17 45 21.4						-.1	
27	ASC	IP	17 45 10.4				99	282	.1	
27	AND	EP	17 45 12.7				116	286	-.1	
27	RAT	EP	17 45 19.3				165	291	.0	

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 27 19 19 14.36 51.18 N 178.51 E DEPTH = 31.4 KM FREE DEPTH SOLUTION
 RAT ISLANDS, ALEUTIAN ISLANDS

27	ANA	IP D	19 19 23.9				51	12	-.2	
27	ACC	IP	19 19 24.1				51	47	.1	
27	AND	IP C	19 19 24.2				53	36	-.1	
27	ACD	IP	19 19 24.2				52	57	.0	
27	ACE	IP	19 19 24.2				52	62	-.0	
27	ACF	IP	19 19 24.2				51	41	.1	
27	ACA	IP	19 19 24.5				54	51	.0	
		IS	19 19 31.8						-.1	
27	ASB	IP C	19 19 24.7	14.9	.1	3.05	55	68	.1	
		IS	19 19 31.9						-.2	
27	ASC	IP D	19 19 24.7				56	55	.0	
27	ASD	IP C	19 19 25.5	8.8	.2	2.56	63	67	-.2	
27	SSI	IP	19 19 32.3				109	43	-.1	
		IS	19 19 45.7						.1	

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 27 22 28 28.10 52.76 N 170.13 E DEPTH = 15.0 KM MB = 4.8 TELESEISMIC SOLUTION
 NEAR ISLANDS, ALEUTIAN ISLANDS

27	SMY	EP	22 29 7.0				268	89		
27	GMA	EP	22 32 55.0				2134	38		

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27	ADK	IP C	23 25 6.4							
		ES	23 25 12.8							
27	SSI	EP	23 25 32.3							
		ES	23 26 .8							
27	ASD	EP	23 25 34.5	16.7	.1					
		ES	23 26 3.5							
27	ASB	EP	23 25 35.5	22.2	.1					

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
27	ASC	EP	23 25 36.2							
27	AND	EP	23 25 38.5							
27	ANA	EP	23 25 40.7							
27	RAT	EP	23 25 43.4							
27	23 35 10.93		51.37 N 178.83 E				DEPTH = 47.3 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
27	ACC	IP	23 35 19.0				20	48	.1	
27	ACB	IP	23 35 19.0				21	59	.0	
27	AND	IP C	23 35 19.1				23	21	-.1	
27	ACD	IP	23 35 19.1				22	72	.0	
27	ACE	IP	23 35 19.1				24	81	-.1	
27	ACF	IP	23 35 19.1				21	32	.1	
27	ASC	IP D	23 35 19.3				25	65	.0	
27	ASB	IP C	23 35 19.6				29	91	.1	
27	ANA	IP	23 35 19.9				31	337	.1	
27	ASD	IP C	23 35 20.1				35	85	-.0	
		IS	23 35 26.4						-.4	
27	RAT	IP	23 35 22.4				60	324	-.3	
		IS	23 35 35.0						3.8	
27	SSI	IP	23 35 25.0				78	41	.1	
28	0 4 24.06		51.16 N 179.40 E				DEPTH = 40.8 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
28	ASD	IP C	00 04 31.7				26	350	-.1	LARGE LOCAL
28	ASB	IP C	00 04 31.7				25	334	-.0	
		IS	00 04 37.2						-.1	
28	ACE	IP D	00 04 32.3				31	329	-.0	
28	ACD	IP	00 04 32.8				35	328	.1	
28	ASC	IP D	00 04 33.1				38	334	.2	
28	ACA	IP	00 04 33.4				41	331	.1	
28	ACC	IP	00 04 33.8				44	325	.1	
28	ACF	IP	00 04 34.5				50	325	.2	
28	AND	IP	00 04 34.8				55	325	-.2	
28	ANA	IP	00 04 37.3				73	315	-.1	
28	SSI	IP D	00 04 38.6				83	9	-.0	
28	RAT	IP D	00 04 41.1				103	314	-.0	
		IS	00 04 49.1						-4.5	
28	ADK	EP	00 05 3.8				283	72	.5	
		ES	00 05 42.2						10.3	
28	0 11 45.76		51.18 N 179.45 E				DEPTH = 36.8 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
28	ASD	IP	00 11 52.9	3.4	.1	2.26	25	342	-.0	
28	ASB	EP	00 11 52.9				25	325	-.0	
		ES	00 11 58.1						-.0	
28	ASC	EP	00 11 54.4				38	328	.2	
28	AND	EP	00 11 56.3				55	321	-.1	
28	SSI	IP	00 11 59.8				80	7	-.0	
		IS	00 12 10.1						.0	
28	0 15 54.75		51.72 N 179.07 E				DEPTH = 85.1 KM			FREE DEPTH SOLUTION
										RAT ISLANDS, ALEUTIAN ISLANDS
28	AND	EP	00 16 7.0				19	206	-.1	
28	ACA	EP	00 16 7.3				26	173	-.1	
28	ANA	IP C	00 16 7.5				30	251	-.0	
28	ACB	EP	00 16 7.5				28	178	.1	
28	ACC	EP	00 16 7.5				26	185	.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	ASC	EP	00 16 7.6				29	168	.1	
28	ACD	EP	00 16 7.6				32	172	-.0	
28	ACE	EP	00 16 7.6				36	169	-.2	
28	SSI	IP	00 16 8.0				40	61	-.1	
		IS	00 16 17.8						.0	
28	ASB	EP	00 16 8.1	2.6	.1	2.45	41	163	-.0	
		ES	00 16 17.8						-.1	
28	ASD	EP	00 16 8.1	3.8	.1	2.61	41	153	.0	

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28	1	5	13.22	51.13 N 179.66 E	DEPTH = 28.6 KM	FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS						
28	ASD	IP	01 05 20.8	14.4	.1	2.91
28	ASB	EP	01 05 21.1			
		ES	01 05 26.8			
28	ACE	IP	01 05 22.0			
28	ACD	EP	01 05 22.6			
28	ASC	IP	01 05 22.9			
28	ACB	EP	01 05 23.1			
28	ACA	EP	01 05 23.1			
28	AND	EP	01 05 25.3			
28	SSI	EP	01 05 27.6			

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28	3	8	18.59	51.36 N 179.63 E	DEPTH = 25.0 KM	FIXED DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS						
28	ASD	EP	03 08 23.4	4.9	.1	2.30
28	ASB	IP	03 08 24.4	3.8	.1	2.24
		IS	03 08 28.8			
28	ACE	EP	03 08 25.5			
28	ASC	IP	03 08 25.6			
28	ACD	EP	03 08 26.1			
28	ACA	EP	03 08 26.1			
28	ACB	EP	03 08 26.4			
28	SSI	EP	03 08 29.3			
		ES	03 08 36.2			

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28	5	7	5.38	51.61 N 177.78 E	DEPTH = 59.3 KM	FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS						
28	RAT	IP	05 07 16.1			
		ES	05 07 24.5			
28	ANA	IP	05 07 18.0			
28	AND	EP	05 07 20.0			
28	ASC	EP	05 07 22.0			
28	ASB	EP	05 07 22.8			
28	ASD	EP	05 07 23.9			
		ES	05 07 36.6			
28	SSI	EP	05 07 25.7			

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28	5	20	35.53	51.49 N 179.72 W	DEPTH = 66.4 KM	FREE DEPTH SOLUTION
DELAROF ISLANDS, ALEUTIAN ISLANDS						
28	ASD	EP	05 20 49.0	4.1	.1	2.64
		ES	05 20 59.1			
28	SSI	IP	05 20 49.1	8.0	.1	2.93
		IS	05 20 58.8			
28	ASB	EP	05 20 49.8	7.8	.1	2.95
28	ASC	EP	05 20 50.4			
28	ANA	EP	05 20 54.2			

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	5 32 34.76		51.04 N 179.85 E				DEPTH = 50.0 KM			FIXED DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASD	IP	05 32 45.2				53 318		-.7	
28	ASB	EP	05 32 45.8				55 310		-.4	
		ES	05 32 53.7						-.8	
28	ACE	IP	05 32 46.7				62 310		-.2	
28	ACD	IP	05 32 47.4				66 311		.0	
28	ASC	EP	05 32 47.5				67 315		-.0	
28	ACA	IP	05 32 48.0				71 314		.1	
28	ACB	IP	05 32 48.0				71 312		.1	
28	ACC	EP	05 32 48.5				75 312		.1	
28	ACF	EP	05 32 49.4				81 312		.3	
28	AND	EP	05 32 49.9				86 313		.2	
28	SSI	IP D	05 32 50.9				97 349		-.1	
		IS	05 33 3.2						.3	
28	ANA	EP	05 32 52.5				106 309		.4	
28	RAT	EP	05 32 56.5				135 309		.7	
28	7 5 27.35		51.90 N 179.94 E				DEPTH = 152.3 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	SSI	IP C	07 05 47.9				24 268		-.0	
28	ASD	EP	07 05 49.8				70 217		.1	
28	ASB	EP	07 05 50.2				77 219		.1	
		IS	07 06 6.1						-.6	
28	AND	EP	07 05 50.2				78 242		.0	
28	ASC	EP	07 05 50.3				73 228		.5	
28	ANA	IP C	07 05 51.1				93 252		-.1	
28	RAT	IP C	07 05 51.9	9.0	.1	3.26	111 265		-.6	
		ES	07 06 11.4						.6	
28	10 21 43.40		55.76 N 166.61 E				DEPTH = 33.0 KM			TELESEISMIC SOLUTION
			KOMANDORSKY ISLANDS REGION							
28	11 50 43.87		51.11 N 179.01 E				DEPTH = 25.1 KM			FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
28	ASB	IP	11 50 50.7				32 30		.1	
		IS	11 50 55.5						-.1	
28	ACE	IP	11 50 51.0				34 19		.1	
28	ASD	IP	11 50 51.3	11.3	.1	2.81	39 36		-.2	
28	ACB	IP	11 50 51.7				40 8		.1	
28	ASC	IP	11 50 51.8				41 15		.1	
28	AND	IP	11 50 53.0				51 355		-.1	
28	ANA	IP	11 50 54.8				63 337		-.0	
28	SSI	IP	11 50 59.8				96 24		.0	
		IS	11 51 15.3						3.9	
28	ADK	EP	12 58 34.3							
28	14 6 19.90		21.17 S 178.95 W				DEPTH = 620.0 KM			TELESEISMIC SOLUTION
			FIJI ISLANDS REGION							
28	ADK	EP	14 16 47.7				8091 1			

MAY 1971	STA	PHASE	TIME (GNT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
28	14 12	7.90	14.83 N GUATEMALA	91.41 W	DEPTH = 124.0 KM	MB = 5.4	TELESEISMIC SOLUTION			
28	ADK	EP	14 23 40.7				8405	320		
28	23 14	28.37	51.67 N RAT ISLANDS, ALEUTIAN ISLANDS	178.28 E	DEPTH = 72.5 KM		FREE DEPTH SOLUTION			
28	RAT	IP D	23 14 38.9	74.5	.1	3.81	15	13	-.2	
		IS	23 14 46.9						.0	
28	ANA	IP	23 14 39.7				27	100	.2	
28	AND	IP	23 14 41.0				48	104	.1	
28	ASC	IP	23 14 42.6				65	110	.2	
28	ASB	IP	23 14 43.2				75	117	-.1	
		IS	23 14 54.1						-.1	
28	ASD	IP	23 14 43.7				80	112	-.1	
28	SSI	IP	23 14 45.2				93	74	-.0	
29	1 29	41.66	51.75 N RAT ISLANDS, ALEUTIAN ISLANDS	177.90 E	DEPTH = 56.8 KM		FREE DEPTH SOLUTION			
29	RAT	EP	01 29 51.0				30	80	-.3	
		IS	01 29 58.5						.1	
29	ANA	EP	01 29 53.8				55	105	.4	
29	AND	EP	01 29 55.8				76	106	.1	
29	ASB	EP	01 29 58.8	1.9	.1	2.40	103	114	-.1	
		ES	01 30 11.2						-.2	
29	SSI	IP	01 30 .6	13.3	.1	3.29	117	82	.0	
29	9 17	19.76	51.82 N RAT ISLANDS, ALEUTIAN ISLANDS	178.43 E	DEPTH = 91.6 KM		FREE DEPTH SOLUTION			
29	RAT	EP	09 17 32.7	5.5	.1	2.76	7	248	.0	
		IS	09 17 41.7						-.4	
29	ANA	EP	09 17 33.3				27	144	.1	
29	AND	IP	09 17 34.1				46	129	-.0	
		IS	09 17 45.1						.5	
29	ASC	EP	09 17 35.6				65	128	.2	
29	ASB	EP	09 17 36.3				77	132	-.1	
29	ASD	EP	09 17 36.5				79	127	-.2	
		IS	09 17 48.7						-.3	
29	SSI	EP	09 17 36.7				80	84	-.0	
29	9 49	26.86	51.82 N RAT ISLANDS, ALEUTIAN ISLANDS	178.42 E	DEPTH = 88.7 KM		FREE DEPTH SOLUTION			
29	RAT	EP	09 49 39.1	10.4	.1	3.03	7	248	-.3	
		IS	09 49 48.7						.2	
29	ANA	IP	09 49 40.1				27	143	.2	
29	AND	IP C	09 49 40.9				47	128	-.0	
29	ASC	IP	09 49 42.4				65	128	.1	
29	ASB	EP	09 49 43.3	2.3	.1	2.48	77	132	.0	
		ES	09 49 55.1						-.1	
29	ASD	EP	09 49 43.4	2.4	.1	2.50	80	127	-.1	
29	SSI	EP	09 49 43.7	3.7	.1	2.70	81	84	.1	
		IS	09 49 55.7						-.1	

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MAY 1971	STA	PHASE	TIME (GHT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	11 26	19.02	50.74 N 178.19 W	DEPTH = 50.0 KM			FIXED DEPTH SOLUTION			
ANDREANOF ISLANDS, ALEUTIANS ISLANDS										
29	ASD	EP	11 26 45.9	5.3	.1	3.05	187	294	-.5	
		IS	11 26 4.6						.2	
29	ASB	EP	11 26 47.0				192	292	-.0	
29	ASC	EP	11 26 48.0				202	295	-.2	
29	SSI	IP	11 26 48.0				201	311	-.1	
		ES	11 27 9.3						-.0	
29	AND	EP	11 26 50.8				219	296	.4	
29	RAT	EP	11 26 56.9				269	297	.4	
29	11 49	21.38	51.05 N 179.89 W	DEPTH = 25.0 KM			FIXED DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
29	ASD	IP	11 49 32.9	3.4	.1	2.45	66	306	.0	
29	ASB	EP	11 49 33.5				70	300	.1	
		ES	11 49 41.9						-.3	
29	ASC	IP	11 49 35.1				81	305	.1	
29	SSI	EP	11 49 37.8	7.3	.1	2.94	101	339	-.2	
		ES	11 49 50.4						.2	
29	13 12	23.10	51.60 N 178.99 E	DEPTH = 76.4 KM			FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	AND	EP	13 12 33.9				5	218	-.2	
29	ACC	IP	13 12 34.2				13	165	-.0	
29	ACF	IP	13 12 34.2				8	180	.1	
29	ACA	IP	13 12 34.3				15	146	.0	
29	ACB	IP	13 12 34.3				16	156	-.0	
29	ACD	IP	13 12 34.5				21	152	.0	
29	ACE	IP	13 12 34.5				25	150	-.1	
29	ASC	IP C	13 12 34.6				19	141	.2	
29	ANA	EP	13 12 34.7				23	279	.1	
29	ASB	IP D	13 12 34.8	13.5	.1	3.11	31	146	-.1	
		IS	13 12 43.6						.0	
29	ASD	IP	13 12 35.1	5.5	.1	2.72	33	133	.1	
29	RAT	IP D	13 12 36.2	26.8	.1	3.45	51	297	-.1	
29	SSI	IP D	13 12 36.4				53	51	.0	
		IS	13 12 46.0						-.0	
29	ADK	EP	13 22 53.5							
		ES	13 23 14.5							
29	14 8	53.37	52.00 N 179.53 W	DEPTH = 161.1 KM			FREE DEPTH SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
29	SSI	IP	14 09 16.4	12.7	.1	3.38	64	252	-.0	
29	ASD	IP	14 09 19.0	4.9	.1	3.01	109	226	-.2	
29	ASB	EP	14 09 19.6	6.8	.1	3.16	116	227	-.1	
		ES	14 09 38.9						-.0	
29	ASC	EP	14 09 19.6				113	234	.1	
29	AND	EP	14 09 20.2				119	242	.3	
29	ANA	EP	14 09 21.3				134	249	.2	
29	RAT	IP	14 09 22.3				150	259	-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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29	14 59 16.55	51.41 N 178.78 E DEPTH = 46.5 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	AND	IP	14 59 24.5				21	36	-.0	
29	ACF	EP	14 59 24.5				19	50	.1	
29	ACC	EP	14 59 24.6				20	66	.1	
29	ACB	EP	14 59 24.7				22	76	.1	
29	ACD	EP	14 59 24.8				25	86	.0	
29	ANA	EP	14 59 24.9				25	341	.1	
29	ACA	EP	14 59 24.9				25	72	.1	
29	ACE	EP	14 59 24.9				27	93	-.1	
29	ASC	IP	14 59 25.1				27	78	.1	
29	ASB	EP	14 59 25.4	2.3	.1	2.20	33	100	-.1	
	ES		14 59 31.4						-.5	
29	ASD	EP	14 59 26.0	2.0	.1	2.15	39	93	-.0	
29	RAT	EP	14 59 27.2	6.8	.1	2.75	53	324	-.3	
29	SSI	EP	14 59 30.5	6.3	.1	2.82	77	46	.1	
	IS		14 59 40.3						-.1	

29	RAT	IP C	15 12 7.6	28.4	.1					
29	SSI	EP	15 12 16.9							
	IS		15 12 27.0							

29	17 13 13.23	52.00 N 178.40 E DEPTH = 130.1 KM					FREE DEPTH SOLUTION			
RAT ISLANDS, ALEUTIAN ISLANDS										
29	RAT	IP D	17 13 30.8				23	193	-.3	
	ES		17 13 44.2						.0	
29	ANA	IP D	17 13 31.9				46	157	.0	
	IS		17 13 45.8						.3	
29	AND	IP D	17 13 32.6				62	142	-.1	
29	ACF	IP	17 13 33.2				67	142	.2	
29	ACC	IP	17 13 33.5				73	142	.2	
29	ACA	IP	17 13 33.6				76	139	.0	
29	ASC	EP	17 13 33.8				80	139	-.0	
29	ACB	IP	17 13 33.8				77	141	.2	
29	SSI	IP	17 13 34.0	31.0	.1	3.72	82	98	.0	
29	ACD	IP	17 13 34.0				82	141	.1	
29	ACE	IP	17 13 34.1				86	141	-.1	
29	ASB	IP	17 13 34.7	7.5	.1	3.12	92	140	-.0	
	ES		17 13 50.0						-.4	
29	ASD	IP C	17 13 34.8	10.9	.1	3.29	94	136	-.1	

29	21 4 37.60	51.16 N 179.83 W DEPTH = 45.0 KM MB = 4.3					TELESEISMIC SOLUTION			
DELAROF ISLANDS, ALEUTIAN ISLANDS										
29	ASD	IP C	21 04 49.3				63	295	-.4	
29	ASB	IP C	21 04 50.0	949.6	.2	4.66	68	290	-.3	
	IS		21 04 59.0						-.5	
29	ACE	IP D	21 04 50.8				74	292	-.2	
29	ASC	IP D	21 04 51.4				78	296	-.0	
29	ACD	IP	21 04 51.4				78	293	-.1	
29	ACA	IP	21 04 51.9				81	297	.0	
29	ACB	IP	21 04 51.9				82	295	-.1	
29	ACC	IP	21 04 52.4				86	295	-.1	
29	SSI	IP D	21 04 52.9				91	334	-.2	
	IS		21 05 3.7						-.7	
29	ACF	IP D	21 04 53.0				91	297	-.1	
29	AND	IP C	21 04 53.3				96	298	-.4	
29	ANA	IP C	21 04 56.3				117	297	.0	
29	RAT	IP C	21 05 .1				146	300	.2	
29	ADK	EP	21 05 11.7				232	68	1.2	
	ES		21 05 37.5						2.9	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
29	ASD	IP D	22 09 32.4	28.6	.1	3.53				
29	ASB	IP C	22 09 33.1	33.3	.1	3.62				
		IS	22 09 45.1							
29	ACE	IP	22 09 34.0							
29	ASC	IP C	22 09 34.6							
29	ACD	IP	22 09 34.6							
29	ACA	IP	22 09 35.1							
29	ACB	IP	22 09 35.2							
29	SSI	IP D	22 09 35.6	102.0	.1	4.18				
		ES	22 09 50.2							
29	ACF	EP	22 09 36.1							
29	AND	EP	22 09 36.7							
29	ANA	EP	22 09 39.8							
29	RAT	IP	22 09 43.5							
29	RAT	EP	22 25 19.1	27.3	.2					
		IS	22 26 13.8							
29	ANA	EP	22 25 22.8							
29	AND	EP	22 25 25.4							
29	SSI	IP	22 25 27.5							
29	ASC	EP	22 25 28.3							
29	ASB	EP	22 25 29.4							
		ES	22 26 30.3							
29	ASD	EP	22 25 30.0							

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30	0 46 30.35	51.04 N 179.05 W	DEPTH = 50.0 KM	FIXED DEPTH SOLUTION						
DELAROF ISLANDS, ALEUTIAN ISLANDS										
30	ASD	EP	00 46 48.8	2.5	.1	2.56	119	290	-.5	
		ES	00 47 2.7						-.5	
30	ASB	EP	00 46 50.0	3.9	.1	2.77	124	287	.0	QS
		ES	00 47 4.6						.3	
30	ASC	EP	00 46 51.0				133	291	-.1	
30	SSI	IP D	00 46 51.0	10.0	.1	3.20	134	315	-.2	
		ES	00 47 6.5						.1	
30	ANA	E(P)	00 46 56.7				172	293	.8	

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30	ASD	EP	01 38 11.4	47.3	.2	3.54				QS. LOOKS ODD
		E(S)	01 38 25.8							
30	ASB	EP	01 38 12.0	56.0	.2	3.63				
30	ASC	EP	01 38 13.6							
30	SSI	IPND	01 38 15.1							RAT DEAD
		IP	01 38 15.8	85.1	.1					
30	AND	EP	01 38 15.9							
30	ANA	EPN	01 38 18.6							
		IP	01 38 20.3							
30	ADK	EP	01 38 25.0							
		ES	01 38 51.6							

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30	2 40 19.31	51.30 N 179.91 W	DEPTH = 24.0 KM	FREE DEPTH SOLUTION						
DELAROF ISLANDS, ALEUTIAN ISLANDS										
30	ASD	IPG	02 40 28.8	5.6	.1	2.59	53	281	-.1	
		IS	02 40 35.6						-.2	
30	ASB	IPG	02 40 29.7	24.9	.1	3.28	59	277	-.1	
		IS	02 40 37.6						.2	
30	ACE	IPGC	02 40 30.5				65	280	-.1	
30	ASC	IPG	02 40 31.0				67	286	.1	
30	ACD	IPGC	02 40 31.1				68	282	.1	
30	ACA	IPGC	02 40 31.5				71	287	.1	
30	ACB	IPG	02 40 31.7				72	285	.1	
30	SSI	IPGD	02 40 32.0	15.5	.1	3.15	74	332	.0	QDIR
30	AND	EPG	02 40 33.2				84	290	-.3	
30	ACF	EPG	02 40 33.3				80	288	-.4	QP
30	ANA	EPG	02 40 36.5				106	290	-.2	

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MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
..... TELESEISMIC SOLUTION										
30	3	8	56.80	53.25 N	173.74 W	DEPTH = 235.0 KM	MB = 4.6			
				ANDREANOF ISLANDS, ALEUTIAN IS.						
30	ADK	IP C	03 09 40.0				251	234		
		ES	03 10 12.7							
30	NIK	EP	03 09 48.0				329	93		
30	SSI	IP D	03 10 3.5	361.8	.3		477	254		
30	ASD	IP D	03 10 6.9				516	249		LARGE WHITE OUT
30	ASB	IP D	03 10 7.7	1208.3	.3		523	249		
		E(S)	03 10 59.5							
30	ASC	EP C	03 10 7.9				523	250		QIR. REGIONAL
30	AND	IP D	03 10 8.9				532	252		
30	ANA	IP D	03 10 10.9				548	254		
30	RAT	EP	03 10 13.2				562	256		
		E(S)	03 11 10.0							
30	GMA	EP	03 12 6.7				1528	22		
.....										
30	ADK	EP	04 31 12.5							
		ES	04 31 32.4							
..... FREE DEPTH SOLUTION										
30	4	45	35.07	51.66 N	179.68 W	DEPTH = 24.1 KM				
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
30	SSI	IPG	04 45 45.2	20.5	.1	3.18	57	297	.0	
		ES	04 45 52.5						-.0	
30	ASD	EP	04 45 47.8	3.5	.1	2.51	74	247	.1	POSS. TWO QUAKES
30	ASB	EP	04 45 48.7	4.7	.1	2.67	82	246	-.1	
		E(S)	04 45 58.9						.1	
30	ASC	EP	04 45 49.3				83	255	.3	QP
30	AND	EP	04 45 50.5				95	264	-.4	
30	ANA	EP	04 45 53.8				115	269	.0	
30	RAT	EP	04 45 57.5	6.2	.1	2.99	138	277	.2	
.....										
..... FIXED DEPTH SOLUTION										
30	5	13	7.00	51.07 N	179.57 W	DEPTH = 50.0 KM				
				DELAROF ISLANDS, ALEUTIAN ISLANDS						
30	ASD	IP	05 13 21.2	12.7	.1	3.16	84	296	-.5	
		ES	05 13 32.3						-.1	
30	ASB	IP	05 13 22.0	11.6	.1	3.13	88	292	-.3	
30	ASC	IP	05 13 23.4				98	297	-.0	
30	SSI	IP	05 13 24.6	38.6	.1	3.72	109	328	-.1	
30	AND	EP	05 13 25.7				116	299	.0	
30	ANA	EP	05 13 28.6				138	297	.3	
30	RAT	EP	05 13 32.5	14.9	.1	3.45	167	300	.7	
.....										
..... FREE DEPTH SOLUTION										
30	5	45	44.81	51.57 N	178.81 E	DEPTH = 21.2 KM				
				RAT ISLANDS, ALEUTIAN ISLANDS						
30	AND	IPGD	05 45 48.7				10	97	-.1	NICE VERY LOCAL
30	ACF	EPG	05 45 48.8				14	112	-.3	
30	ANA	IPGC	05 45 48.9				12	300	.0	
30	ACC	EPG	05 45 50.0				19	121	.4	QP
30	ACB	IPG	05 45 50.2				23	122	.1	
30	ACA	IPG	05 45 50.3				24	115	.1	
30	ACD	IPG	05 45 50.8				28	125	.1	
30	ASC	IPG	05 45 50.9				28	116	.2	
30	ACE	IPG	05 45 51.2				32	127	-.0	
30	ASB	IPGD	05 45 52.0	4.4	.1	2.38	39	128	-.2	
		IS	05 45 57.3						-.2	
30	RAT	IPGC	05 45 52.3	15.4	.1	2.94	41	307	-.2	
30	ASD	IPG	05 45 52.7	7.7	.1	2.65	42	118	.0	
		ES	05 45 57.7						-.7	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	SSI	IPG	05 45 56.0	6.8	.1	2.74	65	56	.1	
		IS	05 46 4.0						-.0	
30	ASB	EP	06 12 39.0	10.3	.2	2.96				
		ES	06 12 56.9							
30	ASD	EP	06 12 39.2	9.7	.2	2.94				
30	ASC	EP	06 12 40.9							
30	AND	EP	06 12 42.6							
30	ANA	EP	06 12 44.8							
30	SSI	EP	06 12 46.7	9.5	.1					
30	RAT	EP	06 12 48.6	4.0	.1					
30	6 52 18.26	51.42 N 178.81 E	DEPTH = 43.5 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	AND	EPG	06 52 25.6				19	33	-.2	VERY SMALL LOC.
30	ACF	EPG	06 52 25.8				17	48	.1	
30	ACB	EPG	06 52 26.0				20	77	.1	
30	ANA	EPG	06 52 26.1				25	336	-.1	
30	ACE	EPG	06 52 26.1				25	95	-.2	
30	ACA	EPG	06 52 26.5				23	73	.5	
30	ASB	EPG	06 52 26.7	.6	.1	1.59	31	102	-.1	
		ES	06 52 32.6						-.3	
30	ASD	EPG	06 52 27.4				37	95	.1	
30	SSI	EPG	06 52 31.7	4.4	.1	2.65	75	46	-.1	
		ES	06 52 41.7						.0	
30	7 8 38.10	19.10 S 169.39 E	DEPTH = 255.0 KM							TELESEISMIC SOLUTION
			NEW HEBRIDES ISLANDS							
30	ASB	EP	07 19 27.5				7860	7		TELE
30	ASD	EP	07 19 27.7				7864	7		
30	ASC	E(P)	07 19 28.2				7870	6		QP
30	AND	E(P)	07 19 28.6				7879	6		QP
30	ANA	E(P)	07 19 29.0				7882	6		QP
30	SSI	EP	07 19 31.0	258.1	.4		7922	7		
30	ADK	EP	07 19 33.5				7975	9		
30	10 1 11.80	51.47 N 176.72 W	DEPTH = 45.0 KM							TELESEISMIC SOLUTION
			ANDREANOF ISLANDS, ALEUTIANS ISLANDS							
30	ADK	IP D	10 01 21.8				46	3	-.1	
		IS	10 01 29.6						.3	
30	SSI	EP	10 01 49.0	18.2	.1		259	282	.9	
30	ASD	EP	10 01 50.1	5.2	.1		274	270	.3	
30	ASB	EP	10 01 51.2	22.0	.2		280	269	.5	
		E(S)	09 02 22.4						3.4	
30	ASC	EP	10 01 52.0				286	271	.7	
30	AND	EP	10 01 54.0				300	274	.9	
30	ANA	EP	10 01 56.4				320	275	.8	
30	RAT	EP	10 01 59.3				344	278	.8	
30	10 13 52.09	51.25 N 178.83 E	DEPTH = 31.7 KM							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ACE	EPG	10 13 59.1				29	55	.0	
30	ACD	EPG	10 13 59.2				29	47	.1	
30	ASB	EPG	10 13 59.3	1.4	.1	1.88	31	67	-.1	VERY SM LOCAL
		ES	10 14 4.5						-.1	
30	ACB	EPG	10 13 59.3				30	38	.1	
30	ACF	EPG	10 13 59.5				33	20	.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
30	ASC	EPG	10 13 59.7				33	45	.2	
30	AND	EPG	10 13 59.7				36	14	-.1	
30	ASD	EPG	10 14 .1				39	66	-.1	QP
30	ANA	EPG	10 14 .7				43	344	-.1	QP
30	RAT	EP	10 39 .7	285.9	.4					
30	ANA	EP	10 39 3.9							
30	AND	EP	10 39 7.5							
		E(S)	10 39 43.7							
30	ASC	EP	10 39 10.6							
30	SSI	EP	10 39 11.8							
30	ASB	EP	10 39 12.0	14.7	.3					REGIONAL
		E(S)	10 39 50.4							
30	ASD	EP	10 39 12.3	22.5	.4					
30	12 1 27.43		51.08 N 179.06 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	ASB	EPG	12 01 34.4	3.1	.1	2.21	34	22	-.0	
		ES	12 01 39.5						.0	
30	ACE	EPG	12 01 34.8				36	12	.0	
		ES	12 01 40.2						.1	
30	ASD	EPG	12 01 35.0	2.0	.1	2.05	40	29	-.2	LOCAL
30	ACD	EPG	12 01 35.3				39	8	.2	
30	ASC	EPG	12 01 35.7				43	9	.0	
30	ACB	EPG	12 01 35.7				43	3	.1	
30	ACA	EPG	12 01 36.0				45	5	.1	
30	ACF	EPG	12 01 36.7				50	354	.1	
30	AND	EPG	12 01 37.1				54	352	-.1	
30	ANA	EPG	12 01 38.9				67	335	-.2	
30	SSI	EPG	12 01 43.6	4.5	.1	2.72	98	22	.0	
30	12 23 57.20		58.94 N 152.41 W							TELESEISMIC SOLUTION
			KODIAK ISLAND REGION							
30	ADK	EP	12 40 58.6							
		ES	12 41 26.0							
30	13 23 28.34		51.74 N 179.47 W							FREE DEPTH SOLUTION
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
30	SSI	IP	13 23 44.2	5.3	.1	2.83	67	285	.0	
30	ASD	EP	13 23 46.3	.8	.1	2.08	91	245	-.0	
30	ACE	EP	13 23 47.3				102	249	-.0	
30	ACD	EP	13 23 47.5				103	251	.1	
30	ACB	EP	13 23 47.6				105	253	-.0	
		ES	13 24 1.7						.0	
30	ACC	EP	13 23 47.9				107	255	.0	
30	ADK	EP	15 14 14.0							
		ES	15 14 22.0							
30	16 38 27.38		51.69 N 179.51 E							FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS							
30	SSI	IPG	16 38 40.0	12.9	.1	3.13	23	13	-.0	
30	ASD	EPG	16 38 40.4	1.7	.1	2.26	35	200	-.1	
		ES	16 38 50.2						.1	
30	ACA	EPG	16 38 40.6				35	230	.0	
		ES	16 38 50.2						.0	
30	ASB	EPG	16 38 40.7	3.5	.2	2.28	41	207	-.1	
		ES	16 38 50.5						-.2	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 30	AND	EPG	16 38 40.7				41	250	-.2	
. 30	ACE	EPG	16 38 40.7				40	216	-.1	
. 30	ASC	EPG	16 38 40.8				35	224	.3	
. 30	ACB	EPG	16 38 40.8				38	229	.1	
. 30	ACD	EPG	16 38 40.8				39	222	.1	
. 30	ACC	EPG	16 38 40.9				39	235	.1	
. 30	ACF	EPG	16 38 40.9				40	244	.1	
. 30	ANA	EPG	16 38 42.0				59	264	-.1	
.....										
30	SSI	EP	18 09 45.0	2.2	.1					
30	ASD	EP	18 09 49.9	1.4	.1	2.30				
30	ASB	EP	18 09 51.0	2.4	.1	2.55				
		ES	18 10 5.6							
30	ASC	EP	18 09 52.1							QP
.....										
30	20 33 11.38	51.73 N 178.74 E DEPTH = 84.2 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 30	ANA	EP	20 33 23.4				13	206	-.1	QP
		ES	20 33 32.6						.3	
. 30	AND	EP	20 33 23.8				24	143	.0	
. 30	RAT	IPGC	20 33 23.9	20.9	.1	3.33	30	285	-.1	
		ES	20 33 33.0						-.2	
. 30	ACF	EPG	20 33 24.6				29	143	.6	
. 30	ASC	EP	20 33 24.7				42	136	.0	QP
. 30	ACD	EPG	20 33 24.8				43	141	.0	
. 30	ACE	EPG	20 33 24.9				47	141	-.1	
. 30	ASB	EP	20 33 25.4	1.2	.1	2.14	54	140	-.1	QP
		ES	20 33 35.5						-.3	
. 30	ASD	EP	20 33 25.6	2.2	.1	2.41	56	132	-.1	
. 30	SSI	IPGD	20 33 26.0	7.0	.1	2.92	61	73	-.0	QDIR
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30	22 52 22.07	50.60 N 177.70 E DEPTH = 0.0 KM						FIXED DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 30	ANA	EP	22 52 44.9				132	30	.4	QP
. 30	RAT	EP	22 52 45.3	4.6	.1	2.86	140	18	-.4	
		ES	22 53 3.2						.2	
. 30	AND	EP	22 52 45.4				138	39	-.0	
. 30	ASB	EP	22 52 45.5	1.7	.1	2.42	137	52	.2	
		ES	22 53 1.9						-.3	
. 30	ASC	EP	22 52 45.8				140	46	.1	
. 30	ASD	EP	22 52 46.3	3.4	.2	2.43	145	52	-.1	
. 30	SSI	EP	22 52 53.8	8.8	.1	3.27	195	42	-.2	
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31	1 9 25.39	51.20 N 178.81 E DEPTH = 40.5 KM						FREE DEPTH SOLUTION		
		RAT ISLANDS, ALEUTIAN ISLANDS								
. 31	ASB	IP C	01 09 34.0	3.3	.1	2.33	36	60	-.0	
		ES	01 09 40.2						-.1	
. 31	ACE	IP	01 09 34.0				34	49	.1	
. 31	ACB	IP	01 09 34.1				35	34	.1	
. 31	ACA	IP	01 09 34.4				38	35	.1	
		IS	01 09 40.6						-.2	
. 31	ASC	IP	01 09 34.5				39	40	.2	
. 31	AND	EP	01 09 34.5				42	14	-.2	
. 31	ASD	IP	01 09 34.7	2.5	.1	2.25	43	60	-.1	
. 31	ANA	EP	01 09 35.5				49	348	.0	
. 31	SSI	IP C	01 09 41.2				94	35	-.2	
		IS	01 09 53.3						.2	
.....										
31	SSI	IP D	02 03 32.7	19.5	.1	3.21				

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
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		IS	02 03 40.5							
31	ASD	IP C	02 03 37.9	3.4	.1	2.67				
31	ASB	IP	02 03 39.0	2.6	.1	2.58				
		ES	02 03 53.3							
31	AND	EP	02 03 39.8							
31	ASC	IP	02 03 40.5							
31	ANA	IP	02 03 42.7							

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31	2 17	1.59	51.42 N 178.81 E	DEPTH = 43.0 KM	FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS		

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31	AND	EP	02 17 9.0			18	32	-.0	
31	ANA	EP	02 17 9.5			25	335	.0	
31	ASC	EP	02 17 9.6			25	80	.1	
31	ASB	EP	02 17 10.0			31	103	-.0	
		ES	02 17 16.0					-.2	
31	ASD	EP	02 17 10.6	2.0	.1	2.13	37	96	.0
		IS	02 17 17.2					.1	
31	SSI	IP	02 17 15.0			75	45	-.1	
		IS	02 17 24.9					.0	

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31	3 38	14.02	51.34 N 179.57 E	DEPTH = 30.6 KM	FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS		

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31	ASD	EP	03 38 19.7			17	289	.0
31	ASB	EP	03 38 20.2			22	275	.0
		ES	03 38 24.7					.0
31	AND	EP	03 38 23.4			49	300	.0

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31	ADK	EP D	04 06 4.6					
		ES	04 06 16.8					
31	ASD	EP	04 06 30.1					
		ES	04 07 11.1					
31	SSI	IP	04 06 30.1					
31	ASB	EP	04 06 31.3					
31	ASC	EP	04 06 32.7					
31	AND	EP	04 06 34.8					
31	ANA	EP	04 06 38.0					
31	RAT	EP	04 06 40.3					

3.7ML FELT I

31	ADK	EP D	04 55 8.7					
		ES	04 55 16.9					
31	SSI	IP	04 55 30.7					
31	ASD	EP	04 55 32.3					
31	ASB	EP	04 55 33.3					
		ES	04 56 1.5					
31	ACE	EP	04 55 34.0					
31	ASC	EP	04 55 34.2					
31	ACA	EP	04 55 34.4					
31	ACB	EP	04 55 34.6					
31	ACD	EP	04 55 34.6					
31	ACF	EP	04 55 35.6					
31	AND	EP	04 55 35.9					
31	ANA	EP	04 55 38.8					
31	RAT	EP	04 55 41.3					
31	NIK	EP	04 56 16.1					
31	GMA	EP	04 58 46.5					

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31	6 40	.39	51.99 N 179.77 E	DEPTH = 139.9 KM	FREE DEPTH SOLUTION
			RAT ISLANDS, ALEUTIAN ISLANDS		

.....

31	SSI	EP	06 40 19.3			17	228	-.0	
31	ASD	IP	06 40 21.8	6.0	.1	3.02	73	204	.2
31	ASC	IP	06 40 21.8				72	215	.3

.....

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 31	ASB	IP	06 40 22.0	14.2	.1	3.40	79	207	.0	
.		ES	06 40 37.2						-.5	
. 31	ANA	EP	06 40 22.4				86	242	-.0	
. 31	RAT	EP	06 40 23.1				101	258	-.4	
.		IS	06 40 40.9						.5	
.....										
. 31	8 48	9.40	60.06 N 152.54 W	DEPTH = 78.0 KM	MB = 4.0					TELESEISMIC SOLUTION
.			SOUTHERN ALASKA							
.....										
. 31	9 28	4.34	51.11 N 179.17 E	DEPTH = 30.0 KM						FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 31	ASB	IP D	09 28 11.0	4.7	.1	2.37	28	10	-.0	
.		IS	09 28 15.6						-.3	
. 31	ASD	IP D	09 28 11.3	11.1	.1	2.78	33	21	-.3	
. 31	ACE	IP	09 28 11.5				32	360	.0	
. 31	ACD	IP	09 28 12.0				35	356	.1	
. 31	ASC	IP	09 28 12.4				39	359	.1	
. 31	ACB	IP	09 28 12.6				39	351	.2	
. 31	ACA	IP	09 28 12.8				41	355	.2	
. 31	ACC	IP	09 28 13.0				42	347	.2	
. 31	ACF	IP	09 28 13.7				48	345	.2	
. 31	AND	IP	09 28 14.0				52	343	-.1	
. 31	ANA	IP	09 28 16.2				67	328	-.0	
. 31	SSI	IP D	09 28 19.7				91	18	-.0	
.		ES	09 28 30.9						-.0	
. 31	RAT	IP C	09 28 20.0				96	323	-.4	
.....										
. 31	10 19	9.10	52.09 N 179.76 E	DEPTH = 159.6 KM						FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 31	SSI	IP D	10 19 30.6				25	209	.0	
. 31	ASD	EP	10 19 32.8	4.3	.1	2.93	83	201	-.2	
. 31	AND	EP	10 19 32.8				81	224	-.1	
. 31	ASC	IP D	10 19 33.1				81	211	.2	
. 31	ASB	IP C	10 19 33.3	12.3	.1	3.39	88	204	-.0	
.		ES	10 19 51.0						-.0	
. 31	ANA	IP	10 19 33.7				91	236	.2	
. 31	RAT	EP	10 19 34.2				103	253	-.1	
.....										
. 31	11 8	19.49	51.95 N 178.70 E	DEPTH = 110.5 KM						FREE DEPTH SOLUTION
.			RAT ISLANDS, ALEUTIAN ISLANDS							
. 31	RAT	EP	11 08 35.1				30	237	-.1	
.		IS	11 08 46.8						.1	
. 31	ANA	IP	11 08 35.5				36	184	.0	
. 31	AND	IP	11 08 36.0				47	158	.1	
. 31	SSI	IP	11 08 36.8				61	96	-.0	
. 31	ASC	IP	11 08 37.1				63	149	.2	
. 31	ASB	IP	11 08 37.8	2.6	.1	2.59	76	150	-.0	
.		ES	11 08 51.1						-.1	
. 31	ASD	EP	11 08 37.8	4.5	.1	2.83	76	144	-.1	
.....										
31	ASD	EP	11 30 20.0							
31	ASB	EP	11 30 20.5	92.3	.1	4.15				
		ES	11 30 35.4							
31	ASC	EP	11 30 22.3							
31	SSI	IP	11 30 25.3							
		I	11 30 26.6							

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
31	AND	EP	11 30 25.4							
31	ANA	IP	11 30 28.6							
31	RAT	IP	11 30 32.2							
		IS	11 30 53.0							
31	ADK	EP	11 30 39.9							
		ES	11 31 18.0							
31	13 13	8.87	51.70 N 179.52 W	DEPTH = 178.4 KM			FREE DEPTH SOLUTION			
			DELAROF ISLANDS, ALEUTIAN ISLANDS							
31	ASD	EP	13 13 34.7	1.5	.1	2.52	86	247	-.3	
31	ASB	EP	13 13 35.5				93	247	.1	
		ES	13 13 54.8						-.0	
31	ASC	EP	13 13 35.8				95	254	.3	
31	AND	EP	13 13 36.3				106	262	.0	
31	ANA	EP	13 13 37.5				126	267	-.1	
31	14 45	19.69	51.45 N 178.88 E	DEPTH = 40.1 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	AND	EP	14 45 26.3				14	21	-.2	
31	ACF	IP	14 45 26.4				11	42	.0	
31	ACB	IP	14 45 26.6				14	84	.1	
31	ACD	IP	14 45 26.7				18	97	-.0	
31	ACE	IP	14 45 26.7				21	105	-.2	
31	ANA	EP	14 45 26.8				25	322	-.5	
31	ACA	IP	14 45 26.8				17	78	.1	
31	ASC	EP	14 45 26.9				20	86	.1	
31	ASD	EP	14 45 27.9	1.4	.1	1.94	32	101	-.1	
		IS	14 45 34.3						.3	
31	RAT	EP	14 45 31.0				55	316	.5	
31	SSI	IP	14 45 32.3				69	44	-.1	
		ES	14 45 41.8						.1	
31	RAT	IP D	15 28 32.6							
31	SSI	EP	15 28 42.7							
		ES	15 28 58.5							
31	15 45	29.54	51.81 N 177.65 E	DEPTH = 70.5 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	RAT	IP	15 45 42.0	9.3	.1	2.96	47	91	.2	
		ES	15 42 50.3						-.4	
31	ANA	IP	15 45 44.1				73	105	.0	
		ES	15 45 55.1						.4	
31	AND	IP	15 45 46.1				94	106	-.2	
31	ASC	IP	15 45 48.5				111	109	.2	
31	ASD	EP	15 45 49.7				126	111	-.2	
31	SSI	EP	15 45 50.9				134	85	.0	
31	16 51	6.69	50.98 N 179.01 E	DEPTH = 19.9 KM			FREE DEPTH SOLUTION			
			RAT ISLANDS, ALEUTIAN ISLANDS							
31	ASB	EP	16 51 15.3	3.8	.1	2.36	45	21	.4	
		IS	16 51 20.0						-.9	
31	ACE	IP	16 51 15.4				48	13	.1	
31	ACD	IP	16 51 15.8				50	10	.1	
31	ASD	EP	16 51 15.9	4.9	.1	2.51	51	27	.1	
31	ACB	IP	16 51 16.3				54	6	.1	
31	ASC	IP	16 51 16.4				55	11	.1	
31	ACA	IP	16 51 16.5				56	8	-.0	
31	ACC	IP	16 51 16.5				56	2	.0	

MAY 1971	STA	PHASE	TIME (GMT)	AMP (MU)	PER (SEC)	MAG	DIST (KM)	AZI (DEG)	RES (SEC)	REMARKS
. 31	ACF	IP	16 51 17.2				61	359	.0	
. 31	AND	IP C	16 51 17.6				65	356	-.2	
. 31	ANA	EP	16 51 19.3				76	341	-.2	
. 31	RAT	EP	16 51 22.8				103	333	-.7	
. 31		ES	16 51 36.6						.9	
. 31	SSI	IP 0	16 51 24.4				109	21	-.0	

31	SSI	IP 0	20 50 52.5	6.6	.1					
		ES	20 51 23.1							
31	ASD	EP	20 50 55.7							
31	ASB	EP	20 50 57.2							
		ES	20 51 27.9							
31	ASC	EP	20 50 57.9							
31	AND	EP	20 50 58.8							

21 26 30.12 51.98 N 179.24 E DEPTH = 208.8 KM										FREE DEPTH SOLUTION
RAT ISLANDS, ALEUTIAN ISLANDS										
. 31	SSI	IP	21 26 56.9				26	112	-.7	
. 31		ES	21 27 18.5						.8	
. 31	AND	EP	21 26 58.1				51	203	-.1	
. 31	ANA	EP	21 26 58.4				56	226	.0	
. 31	ASC	EP	21 26 58.8				58	185	.3	
. 31	ASD	IP	21 26 58.8	6.0	.1	3.15	66	174	.0	
. 31	ASB	EP	21 26 59.3	5.4	.1	3.10	69	180	.4	
. 31		ES	21 27 19.1						-.8	

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
01	2 51 8.52	51.50 N	178.53 E	24.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
1	6 49 54.70	64.86 N	147.97 W	26.0 T			CENTRAL ALASKA
01	8 9 53.93	51.57 N	178.83 W	153.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
1	8 28 50.40	57.83 N	154.16 W	73.0 T	4.2		KODIAK ISLAND REGION
01	8 49 58.39	51.39 N	179.69 W	66.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
01	14 15 36.20	22.31 S	171.61 E	148.0 T	5.8		LOYALTY ISLANDS REGION
01	15 17 12.24	51.15 N	179.95 E	37.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
01	21 54 1.73	51.65 N	179.21 E	15.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
1	23 1 27.40	62.90 N	150.86 W	97.0 T	3.7		CENTRAL ALASKA
02	2 24 35.72	51.52 N	179.24 E	59.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	3 47 55.97	51.02 N	179.45 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	6 8 27.30	51.43 N	177.21 W	43.0 T	6.0	7.1	ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	6 14 43.40	51.33 N	177.11 W	44.0 T	5.2		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	6 24 37.70	51.39 N	177.02 W	49.0 T	4.6		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	6 55 55.77	51.60 N	179.75 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	7 29 33.70	51.33 N	176.90 W	46.0 T	4.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	8 4 42.51	51.50 N	178.65 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	8 18 32.90	51.39 N	176.86 W	39.0 T	4.4		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	8 31 50.40	51.21 N	176.85 W	54.0 T	4.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	9 8 59.20	51.54 N	177.21 W	47.0 T	5.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	9 43 49.99	51.05 N	177.81 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
02	10 54 49.90	51.41 N	177.27 W	44.0 T	3.7		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	11 16 4.10	51.27 N	179.85 E	27.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	11 30 55.14	51.68 N	177.81 E	66.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	11 42 10.90	51.43 N	178.82 E	41.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	12 1 37.20	51.20 N	177.24 W	33.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	13 16 11.07	51.69 N	179.33 E	83.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	14 14 22.97	52.15 N	178.15 E	178.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	14 22 4.00	51.34 N	177.18 W	35.0 T	4.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
02	16 45 10.28	51.48 N	179.44 E	16.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	17 19 47.43	51.53 N	179.70 E	2.3 F			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
02	17 30 24.29	52.25 N	178.54 E	126.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	18 29 49.83	50.90 N	179.90 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
02	18 38 25.68	50.30 N	178.29 E	18.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
02	22 56 44.15	51.87 N	177.04 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	0 12 13.39	51.42 N	179.87 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
03	1 54 30.70	51.42 N	178.78 E	46.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	4 32 13.33	51.22 N	178.82 E	23.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	5 49 34.80	51.09 N	178.60 E	28.0 T	4.2		RAT ISLANDS, ALEUTIAN ISLANDS
03	6 22 22.71	51.57 N	178.79 E	21.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	6 36 1.00	51.59 N	177.58 E	63.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	8 8 41.52	52.05 N	179.59 E	175.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
03	8 39 30.36	51.17 N	178.39 E	27.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	9 22 47.45	51.26 N	179.29 E	46.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	9 47 49.66	51.87 N	179.51 E	110.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	10 17 26.02	51.42 N	178.79 E	44.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
3	13 45 52.90	60.50 N	151.85 W	71.0 T	3.8		KENAI PENINSULA, ALASKA
03	14 59 10.40	51.44 N	179.98 E	52.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
03	21 24 2.10	51.68 N	177.01 W	52.0 T	4.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
03	23 50 43.49	52.06 N	179.63 E	162.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	1 4 24.67	51.42 N	179.49 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	1 30 58.98	51.08 N	178.41 W	0.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	2 4 32.60	6.61 S	105.37 E	69.0 T	6.1		SUNDA STRAIT
04	2 18 29.77	50.94 N	179.43 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
04	3 56 20.81	51.41 N	177.98 E	47.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	14 17 37.77	51.57 N	179.43 E	74.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	16 7 22.23	51.40 N	178.77 E	45.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	16 14 30.53	51.32 N	179.56 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
04	17 14 51.18	51.74 N	179.39 E	98.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	18 12 21.01	51.89 N	177.77 E	94.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
04	18 20 25.28	50.14 N	178.36 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
04	19 11 29.17	50.44 N	177.02 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
05	1 6 20.76	51.16 N	179.19 E	32.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	1 6 42.67	51.14 N	179.20 E	31.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	1 26 9.06	51.17 N	179.13 E	30.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	1 35 45.41	51.14 N	179.32 E	31.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	1 39 38.33	51.14 N	179.21 E	33.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	7 9 27.11	51.38 N	179.90 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
05	8 12 15.10	52.08 N	178.75 E	161.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	12 13 31.59	51.73 N	179.29 W	103.2 F	4.5		DELAROF ISLANDS, ALEUTIAN ISLANDS
05	12 19 53.71	50.54 N	177.53 E	11.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	13 30 .19	51.27 N	179.54 W	28.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	13 55 9.64	51.49 N	179.80 W	76.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	15 12 15.20	51.55 N	179.43 E	17.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	15 23 16.03	52.05 N	178.10 E	145.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	16 37 30.86	51.13 N	179.78 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	17 51 49.40	51.47 N	179.55 E	59.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	18 12 19.39	51.12 N	179.15 E	27.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
05	20 14 10.04	51.25 N	179.66 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
05	23 29 42.70	52.07 N	170.64 W	52.0 T	4.1		FOX ISLANDS, ALEUTIAN ISLANDS
06	2 50 57.02	51.41 N	178.83 E	44.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	2 59 58.90	51.51 N	177.28 W	49.0 T	4.8		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
06	3 26 13.00	51.21 N	176.18 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	6 23 58.02	50.46 N	177.72 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	6 44 21.87	51.51 N	178.63 E	61.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	6 53 54.48	51.41 N	178.78 E	44.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	8 24 47.83	51.25 N	179.16 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
06	8 53 33.06	50.99 N	178.86 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
06	9 22 52.53	51.31 N	179.73 E	40.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	14 7 41.12	52.03 N	177.85 E	148.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	20 38 18.16	51.52 N	178.52 E	26.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
06	21 27 55.84	51.30 N	178.59 E	37.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
6	22 15 6.10	63.40 N	151.27 W	33.0 T			CENTRAL ALASKA

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
07	0 9 38.50	23.45 S	179.95 W	574.0 T	5.2		SOUTH OF FIJI ISLANDS
07	3 34 42.21	51.09 N	177.79 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
07	9 20 58.36	51.26 N	179.53 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
07	9 55 55.87	51.64 N	178.89 E	70.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
07	17 3 40.17	51.50 N	178.06 E	51.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	3 30 28.91	51.39 N	178.74 E	53.1 F	4.0		RAT ISLANDS, ALEUTIAN ISLANDS
08	3 35 7.31	51.38 N	178.79 E	48.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	5 20 19.01	51.38 N	178.77 E	49.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	8 16 47.25	51.35 N	178.73 E	35.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	8 54 28.70	51.11 N	178.59 E	31.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	9 45 16.16	51.13 N	178.59 E	31.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	10 38 29.21	51.17 N	179.43 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
8	11 53 21.70	61.02 N	146.64 W	82.0 T	3.2		SOUTHERN ALASKA
08	14 5 .30	51.92 N	179.05 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
08	14 35 19.47	51.41 N	178.79 E	47.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
08	19 56 54.43	51.45 N	178.59 E	66.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	5 29 56.09	51.38 N	178.80 E	44.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	7 55 6.50	51.84 N	179.69 E	197.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	8 23 27.53	51.39 N	178.80 E	42.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	8 26 8.76	51.19 N	177.81 E	42.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	9 3 2.88	50.72 N	177.57 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
09	10 0 15.14	51.39 N	178.77 E	47.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	10 58 8.12	51.33 N	179.38 E	35.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	11 4 3.28	50.46 N	177.76 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
09	12 17 39.57	51.42 N	178.85 E	45.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	16 26 15.07	51.38 N	178.75 E	47.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
9	18 59 58.50	59.94 N	152.48 W	134.0 T			SOUTHERN ALASKA
09	20 23 32.59	52.07 N	179.59 E	171.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	21 15 38.05	51.39 N	179.33 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
09	21 22 56.63	51.59 N	179.80 E	98.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	23 4 52.30	51.25 N	175.29 W	50.0 T	3.8		ANDREANOF ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
9	23 10 28.20	61.96 N	148.76 W	33.0 T			CENTRAL ALASKA
09	23 16 7.97	51.59 N	178.93 E	74.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
09	23 53 .83	51.22 N	178.77 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	0 1 16.30	52.16 N	171.01 W	48.0 T	5.3	5.1	FOX ISLANDS, ALEUTIAN ISLANDS
10	1 28 31.84	50.72 N	177.46 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	1 50 36.87	51.29 N	177.95 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	4 6 17.66	51.71 N	179.25 W	90.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	4 15 1.20	51.90 N	178.93 E	101.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	4 59 41.80	52.17 N	179.25 E	156.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	8 25 54.20	51.70 N	178.35 W	80.0 T	3.9		DELAROF ISLANDS, ALEUTIAN ISLANDS
10	10 49 42.59	51.82 N	179.45 W	112.9 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
10	12 12 31.06	51.51 N	179.04 E	25.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	13 2 26.20	51.07 N	179.21 E	33.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	15 29 18.97	52.01 N	179.64 E	138.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	20 21 12.66	51.13 N	178.62 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
10	20 40 33.43	51.48 N	179.40 E	57.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
10	22 58 5.20	51.42 N	177.24 W	50.0 T	5.3		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
11	1 0 18.20	51.54 N	178.94 E	30.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	5 36 50.20	51.54 N	179.98 E	61.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	9 39 31.57	51.76 N	179.28 E	174.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	14 11 42.29	51.61 N	179.46 E	72.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	15 46 53.16	51.39 N	178.81 E	48.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	16 21 33.39	51.34 N	179.68 E	53.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	16 38 41.36	51.41 N	178.78 E	48.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
11	17 49 44.57	51.45 N	179.61 W	80.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	0 29 53.14	51.73 N	179.24 E	72.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	0 33 19.32	51.38 N	178.75 E	38.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	2 48 44.40	6.29 S	151.85 E	38.0 T	5.3		NEW BRITAIN REGION
12	6 22 56.65	51.37 N	179.61 E	26.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	6 44 48.89	51.37 N	179.01 E	42.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	7 28 5.29	51.42 N	179.68 E	60.3 F			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
12	9 12 47.74	51.30 N	178.17 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	9 55 22.40	49.90 N	179.12 E	75.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
12	10 33 35.73	51.46 N	178.75 E	46.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	11 0 6.23	51.33 N	178.64 E	28.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
12	11 59 14.10	53.27 N	173.81 W	33.0 T	3.9		ANDREANOF ISLANDS, ALEUTIAN IS.
12	12 0 51.90	65.07 N	146.21 W	10.0 T	4.0		ALASKA
12	12 51 47.14	51.03 N	179.59 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	12 54 31.03	50.87 N	179.21 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
12	21 12 25.98	51.15 N	177.59 W	25.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
13	0 26 53.24	52.30 N	178.47 E	133.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	4 53 1.88	51.41 N	178.80 E	48.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	5 5 34.01	51.44 N	179.55 E	57.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	6 48 31.94	51.46 N	179.85 E	73.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	8 56 5.25	51.60 N	179.33 E	72.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	9 28 29.57	50.97 N	178.10 W	50.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
13	10 5 35.29	51.40 N	177.96 E	42.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	11 16 43.74	50.92 N	178.35 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
13	12 51 50.89	51.23 N	178.79 E	23.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
13	15 55 44.44	52.02 N	179.55 W	120.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
13	16 57 39.67	50.24 N	178.32 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
13	18 36 48.92	51.22 N	179.06 E	41.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	1 55 1.10	51.65 N	177.31 W	60.0 T	4.9		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
14	5 5 32.00	51.56 N	178.67 E	71.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	6 28 2.01	51.73 N	178.82 E	74.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	8 10 25.87	51.39 N	178.78 E	48.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	8 42 21.79	52.05 N	179.80 E	144.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	9 58 51.31	52.08 N	178.26 E	136.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	13 17 27.90	51.01 N	175.94 E	21.0 T	4.6		RAT ISLANDS, ALEUTIAN ISLANDS
14	15 0 35.10	62.46 N	151.14 W	82.0 T	4.3		CENTRAL ALASKA
14	15 3 39.88	51.28 N	178.63 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
14	16 37 23.40	51.85 N	179.64 E	112.0 F			RAT ISLANDS, ALEUTIAN ISLANDS

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
14	17 35 53.01	51.20 N	178.81 E	30.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
14	22 46 13.87	52.23 N	178.57 E	186.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	0 38 50.97	52.00 N	178.57 E	129.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	3 9 34.46	51.86 N	177.92 E	116.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	11 51 15.09	51.55 N	177.37 W	0.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
15	12 23 44.26	51.27 N	178.67 E	33.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	19 32 28.62	51.72 N	179.64 E	95.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	20 33 6.61	51.39 N	178.86 E	46.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	21 5 58.65	51.48 N	179.50 E	62.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
15	21 41 18.99	50.97 N	179.83 W	42.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	1 35 56.56	51.30 N	179.86 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	3 41 1.53	51.17 N	179.15 E	41.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	6 39 46.13	51.68 N	179.48 E	82.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	6 58 11.71	51.34 N	179.41 E	56.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	8 42 24.59	50.31 N	176.72 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
16	9 1 .36	52.09 N	178.44 W	146.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	9 10 54.16	51.00 N	179.18 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	15 23 48.34	51.57 N	178.80 E	23.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	15 25 18.72	51.39 N	178.78 E	48.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
16	16 4 51.69	51.22 N	179.67 W	24.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
16	16 50 57.40	63.10 N	148.32 W	77.0 T	4.1		CENTRAL ALASKA
16	17 9 17.67	51.42 N	179.20 E	36.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	0 55 50.80	52.56 N	173.38 W	53.0 T	4.9		ANDREANOF ISLANDS, ALEUTIAN IS.
17	1 8 7.67	51.91 N	178.32 E	132.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	2 34 28.50	50.30 N	176.67 E	8.0 T	4.3		RAT ISLANDS, ALEUTIAN ISLANDS
17	4 55 22.39	51.38 N	179.31 E	42.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	11 49 39.90	6.87 S	156.27 E	147.0 T	4.9		SOLOMON ISLANDS
17	17 18 52.47	51.05 N	179.17 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
17	18 31 48.99	51.41 N	178.79 E	45.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
17	20 58 47.90	51.06 N	179.51 E	40.0 T	4.0		RAT ISLANDS, ALEUTIAN ISLANDS
17	21 14 50.78	51.04 N	179.45 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
17	22 2 9.80	51.19 N	177.27 W	33.0 T	4.1		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
18	8 8 41.64	51.40 N	178.85 E	40.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	10 21 13.34	51.31 N	179.53 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
18	12 58 2.60	51.25 N	178.20 W	22.0 T	4.0		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
18	14 13 46.90	59.98 N	151.90 W	74.0 T	3.9		KENAI PENINSULA, ALASKA
18	15 23 25.00	56.64 N	156.66 W	66.0 T	4.2		ALASKA PENINSULA
18	20 50 15.25	51.42 N	178.83 E	43.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	21 26 58.42	51.43 N	179.17 E	49.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	21 49 11.00	51.22 N	178.66 E	37.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
18	22 44 43.80	63.95 N	146.11 E	33.0 T	5.8	6.6	EASTERN SIBERIA
19	6 5 23.34	52.09 N	179.49 E	184.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	15 14 40.94	51.43 N	178.78 E	47.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
19	18 21 34.08	51.34 N	178.90 E	41.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	2 35 36.60	52.22 N	173.33 W	74.0 T	5.5		ANDREANOF ISLANDS, ALEUTIAN IS.
20	3 59 16.14	51.92 N	179.63 W	136.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
20	5 40 52.08	51.49 N	179.21 E	34.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	6 56 55.93	51.58 N	179.34 W	70.6 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
20	8 29 2.78	51.69 N	179.98 W	90.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
20	8 45 26.30	51.15 N	178.55 E	23.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	12 33 28.10	51.62 N	177.05 W	33.0 T			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
20	15 11 59.63	51.06 N	178.52 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
20	22 59 27.28	51.12 N	179.31 E	30.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
20	23 18 1.99	51.41 N	178.78 E	46.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	0 40 42.13	51.15 N	179.34 E	31.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	12 11 44.78	51.14 N	179.70 E	27.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	12 14 47.38	51.09 N	179.38 E	38.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
21	18 56 43.70	52.55 N	173.22 W	36.0 T	5.7	5.3	ANDREANOF ISLANDS, ALEUTIAN IS.
21	19 22 30.30	52.51 N	173.25 W	33.0 T	4.2		ANDREANOF ISLANDS, ALEUTIAN IS.
21	19 24 44.80	52.53 N	173.31 W	40.0 T	4.7		ANDREANOF ISLANDS, ALEUTIAN IS.
21	21 41 58.17	51.95 N	179.31 E	142.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	0 48 34.55	51.12 N	179.49 E	29.2 F			RAT ISLANDS, ALEUTIAN ISLANDS

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
22	3 35 13.57	51.36 N	179.72 E	25.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	6 6 44.75	52.01 N	178.76 E	103.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	10 6 .59	50.37 N	177.21 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
22	10 7 4.10	51.87 N	173.07 W	48.0 T	4.8		ANDREANOF ISLANDS, ALEUTIAN IS.
22	16 43 58.70	38.83 N	40.52 E	3.0 T	6.0	6.7	TURKEY
22	17 8 47.62	51.79 N	179.46 E	147.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	17 28 16.80	51.75 N	179.67 W	93.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
22	20 39 2.32	51.02 N	179.02 E	25.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	20 41 11.13	51.07 N	179.10 E	33.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	20 56 15.90	50.90 N	178.48 E	32.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	21 20 .65	51.05 N	179.03 E	28.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
22	22 59 47.37	51.18 N	179.15 E	32.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	2 0 38.77	51.69 N	179.73 W	46.3 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	5 17 44.98	51.49 N	179.79 E	74.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	11 58 29.72	51.52 N	179.17 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	13 17 20.09	51.71 N	179.63 W	85.2 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
23	16 14 .51	51.37 N	178.84 E	44.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
23	21 9 3.46	51.48 N	179.61 E	11.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	3 2 10.29	51.42 N	178.78 E	45.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	3 55 5.00	50.88 N	179.89 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	5 0 21.03	51.50 N	178.94 E	46.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	6 10 27.64	51.41 N	178.79 E	44.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	6 13 30.71	51.08 N	179.18 E	25.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	6 48 31.35	52.06 N	178.44 E	165.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	10 3 54.77	51.59 N	179.12 E	43.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	14 39 1.95	51.66 N	179.57 W	183.8 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
24	16 3 54.95	52.21 N	179.63 E	156.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	18 25 35.78	51.35 N	179.79 E	17.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
24	20 53 18.20	59.71 N	144.35 W	33.0 T	3.5		GULF OF ALASKA
24	19 20 28.42	51.28 N	179.52 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	1 58 38.92	51.42 N	178.77 E	41.6 F			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
25	3 18 10.33	51.37 N	178.93 E	44.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	6 33 2.91	51.05 N	178.08 E	23.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	10 44 52.33	51.50 N	179.36 W	16.7 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
25	10 59 10.17	51.52 N	179.92 E	54.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
25	11 40 4.70	51.64 N	174.28 W	24.0 T	4.9		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
25	17 23 44.78	51.06 N	179.82 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	0 11 54.50	24.91 S	179.15 W	413.0 T	5.4		SOUTH OF FIJI ISLANDS
26	2 40 59.83	51.39 N	178.78 E	43.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	7 53 .61	52.33 N	179.71 E	162.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
26	10 12 4.39	51.50 N	179.64 W	23.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
26	11 32 3.10	51.28 N	179.80 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
26	15 20 26.60	51.03 N	174.59 W	58.0 T	3.8		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
27	0 19 10.50	50.74 N	178.94 E	30.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	1 11 53.61	51.17 N	179.06 E	40.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	1 35 2.51	51.41 N	178.76 E	45.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	3 36 10.28	51.31 N	179.03 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	4 16 30.15	51.32 N	179.25 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	6 13 29.08	52.38 N	179.82 E	136.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	7 33 35.09	51.39 N	179.38 E	60.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	8 18 2.85	51.15 N	179.10 E	50.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	8 48 28.32	51.53 N	179.37 E	101.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	10 35 8.35	51.55 N	179.27 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	16 32 49.75	50.46 N	178.29 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
27	17 44 53.77	51.28 N	179.44 W	31.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
27	19 19 14.36	51.18 N	178.51 E	31.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
27	22 28 28.10	52.76 N	170.13 E	15.0 T	4.8		NEAR ISLANDS, ALEUTIAN ISLANDS
27	23 35 10.93	51.37 N	178.83 E	47.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	0 4 24.06	51.16 N	179.40 E	40.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	0 11 45.76	51.18 N	179.45 E	36.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	0 15 54.75	51.72 N	179.07 E	85.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	1 5 13.22	51.13 N	179.66 E	28.6 F			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
28	3 8 18.59	51.36 N	179.63 E	25.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	5 7 5.38	51.61 N	177.78 E	59.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	5 20 35.53	51.49 N	179.72 W	66.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
28	5 32 34.76	51.04 N	179.85 E	50.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
28	7 5 27.35	51.90 N	179.94 E	152.3 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	10 21 43.40	55.76 N	166.61 E	33.0 T	4.5		KOMANDORSKY ISLANDS REGION
28	11 50 43.87	51.11 N	179.01 E	25.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
28	14 6 19.90	21.17 S	178.95 W	620.0 T	4.6		FIJI ISLANDS REGION
28	14 12 7.90	14.83 N	91.41 W	124.0 T	5.4		GUATEMALA
28	23 14 28.37	51.67 N	178.28 E	72.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	1 29 41.56	51.75 N	177.90 E	56.8 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	9 17 19.76	51.82 N	178.43 E	91.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	9 49 26.86	51.82 N	178.42 E	88.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	11 26 19.02	50.74 N	178.19 W	50.0 D			ANDREANOF ISLANDS, ALEUTIANS ISLANDS
29	11 49 21.38	51.05 N	179.89 W	25.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
29	13 12 23.10	51.60 N	178.99 E	76.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	14 8 53.37	52.08 N	179.53 W	161.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
29	14 59 16.55	51.41 N	178.78 E	46.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	17 13 13.23	52.00 N	178.40 E	130.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
29	21 4 37.60	51.16 N	179.83 W	45.0 T	4.3		DELAROF ISLANDS, ALEUTIAN ISLANDS
30	0 46 30.35	51.04 N	179.05 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	2 40 19.31	51.30 N	179.91 W	24.0 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	3 8 56.80	53.25 N	173.74 W	235.0 T	4.6		ANDREANOF ISLANDS, ALEUTIAN IS.
30	4 45 35.07	51.66 N	179.68 W	24.1 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	5 13 7.00	51.07 N	179.57 W	50.0 D			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	5 45 44.81	51.57 N	178.81 E	21.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	6 52 18.26	51.42 N	178.81 E	43.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	7 8 38.10	19.10 S	169.39 E	255.0 T	5.3		NEW HEBRIDES ISLANDS
30	10 1 11.80	51.47 N	176.72 W	45.0 T	3.7		ANDREANOF ISLANDS, ALEUTIANS ISLANDS
30	10 13 52.09	51.25 N	178.83 E	31.7 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	12 1 27.43	51.08 N	179.06 E	25.6 F			RAT ISLANDS, ALEUTIAN ISLANDS

MAY HYPOCENTER SUMMARY

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MAY 1971	ORIGIN TIME (GMT)	LAT	LONG	DEPTH* (KM)	MB	MS	GEOGRAPHIC REGION
30	12 23 57.20	58.94 N	152.41 W	49.0 T	3.9		KODIAK ISLAND REGION
30	13 23 28.34	51.74 N	179.47 W	91.5 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
30	16 38 27.38	51.69 N	179.51 E	86.4 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	20 33 11.38	51.73 N	178.74 E	84.2 F			RAT ISLANDS, ALEUTIAN ISLANDS
30	22 52 22.07	50.60 N	177.70 E	0.0 D			RAT ISLANDS, ALEUTIAN ISLANDS
31	1 9 25.39	51.20 N	178.81 E	40.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	2 17 1.59	51.42 N	178.81 E	43.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	3 38 14.02	51.34 N	179.57 E	30.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	6 40 .39	51.99 N	179.77 E	139.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	8 48 9.40	60.06 N	152.54 W	78.0 T	4.0		SOUTHERN ALASKA
31	9 28 4.34	51.11 N	179.17 E	30.0 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	10 19 9.10	52.09 N	179.76 E	159.6 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	11 8 19.49	51.95 N	178.70 E	110.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	13 13 8.87	51.70 N	179.52 W	178.4 F			DELAROF ISLANDS, ALEUTIAN ISLANDS
31	14 45 19.69	51.45 N	178.88 E	40.1 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	15 45 29.54	51.81 N	177.65 E	70.5 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	16 51 6.69	50.98 N	179.01 E	19.9 F			RAT ISLANDS, ALEUTIAN ISLANDS
31	21 26 30.12	51.98 N	179.24 E	208.8 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.

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 50.0⁺
-165.0

55.0⁺ -165.0 -164.0 -163.0 -162.0 -161.0 -160.0
55.0⁺

54.5⁺ 54.5⁺

54.0⁺ 54.0⁺

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⁺ -165.0 -164.0 -163.0 -162.0 -161.0 -160.0
50.0⁺