

INSTITUT ROYAL METEOROLOGIQUE DE BELGIQUE
KONINKLIJK METEOROLOGISCH INSTITUUT VAN BELGIE

OBSERVATOIRE ROYAL DE BELGIQUE 28 APR 1971
KONINKLIJKE STERRENWACHT VAN BELGIE

BULLETIN SEISMIQUE

Station : Dourbes

ANNEE 1964

Mars 1971

OBSERVATOIRE ROYAL DE BELGIQUE

BULLETIN SEISMIQUE

INTRODUCTION

Coordonnées géographiques de la Station.

Latitude : 50°5'45",7 N; Longitude : 4°35'39",2 E. Altitude : 232 m.
Sous-sol : Dévonien.

Appareils : La Station séismologique de Dourbes comprend quatre ensembles homogènes de séismographes :

1° Le premier groupe, appartenant à l'Institut Royal Météorologique, est formé de trois séismomètres « courte période » du type « Stuttgart » (Hiller) ;

2° Le deuxième, appartenant à l'Observatoire Royal, est constitué par trois séismomètres de « période moyenne » du type « Galitzine » ;

Chacun de ces instruments est relié à son enregistreur propre et tout l'ensemble est de construction « Askania ». Ils ont fonctionné sans interruptions toute l'année.

3° Le troisième, appartenant à l'Institut Royal Météorologique, est formé de trois séismomètres « longue période » du type « Press-Ewing » et reliés à un enregistreur triple « Sprengnether » ; Ces instruments ont été mis en service à partir du 1^{er} janvier 1964

4- Le quatrième ensemble est constitué par trois séismomètres « Benioff » « courte période ». Ils ont fonctionné à partir du 29 juin 1964

CONSTANTES INSTRUMENTALES

Composante	T _s	T _g	μ	l	A	k	V
<i>Séismographes Stuttgart :</i>							
Vertical	1s,46	1s,47	±0	159,0mm	1000mm	-	-
E - W	1s,51	1s,51	±0	165,0mm	1000mm	-	-
N - S	1s,59	1s,59	±0	165,0mm	1000mm	-	-
<i>Séismographes Galitzine :</i>							
Vertical	11s,68	11s,65	±0	159,0mm	1000mm	-	-
E - W	12s,38	12s,39	±0	95,5mm	1000mm	-	-
N - S	12s,46	12s,44	±0	95,5mm	1000mm	-	-
<i>Séismographes Press-Ewing :</i>							
Vertical	30s	100s	surcritique	356,4mm	1000mm	-	-
E - W	30s	100s	surcritique	355,6mm	1000mm	-	-
N - S	30s	100s	surcritique	355,6mm	1000mm	-	-
<i>Séismographes Benioff :</i>							
Vertical	1s	0s,75	critique	--	1000mm	-	-
E - W	1s	0s,75	critique	--	1000mm	-	-
N - S	1s	0s,75	critique	--	1000mm	-	-

Locaux : voir "Publications Série A, N° 7" de l'Institut Royal Météorologique de Belgique : "Réalisation du Centre de Physique du Globe à Dourbes".

Analyse des séismogrammes et bulletins. - Les amplitudes n'ont pas été réduites en mouvement vrai du sol. C'est pour cette raison que les colonnes "Périodes" et "Amplitudes" ont été supprimées dans le Bulletin annuel.

Pour l'analyse des séismogrammes nous avons utilisé les tables de H. Jeffreys ainsi que les hodographes publiés par Mme Y. Labrouste.

Les calculs des distances et des azimuts ont été exécutés à l'ordinateur IBM 1620.

L'impression du présent bulletin a été réalisée à partir des "listings" obtenus à la Tablette IBM 447.

J.M. VAN GILS.

EXEMPLE EXPLICATIF DES TABLEAUX

 STATION
ANNEE

MOIS

N°	J O U R	HEURE ORIGINE	ϕ	λ	h	Δ_c	α_c	M	CENTRE INTERNATIONAL (1)
		HEURES	PHASES	COMPOSANTES	h_o	Δ_o	α_o	T	REMARQUES A_μ (2)
135	2	00 39 22,0	53,0 N	168,5 W		76,3	355,6	6,5	U.S.C.G.S.
136	2	01 20	LM	EG, NL					
		2 17 35,0	52,5 N	168,0 W		76,8	355,2	6,9	U.S.C.G.S.
		2 29 34 2 39 30 3 12,5	P S M	VS, VG, VB NG, NL EG, EL	0	76,5			

(1) Chaque séisme enregistré est identifié, par un numéro suivi des déterminations obtenues dans les Centres Internationaux, ainsi que de la distance et de l'azimut de l'épicentre par rapport à la Station calculés à l'ordinateur IBM 1620.

(2) Les observations sont indiquées à la suite de chaque ligne d'identification.

LISTE DES ABREVIATIONS.

- Δ_o : distance observée (exprimée au 0,1 de degré).
 Δ_c : distance calculée (exprimée au 0,1 de degré).
 α : azimuth (exprimé en degrés, et mesuré du N vers l'Est).
 h : profondeur de l'hypocentre (exprimée en km ou en fraction du rayon terrestre).
 H : heure origine.
 VS : séismographe vertical Stuttgart.
 ES : séismographe horizontal Stuttgart (composante E-W)
 NS : séismographe horizontal Stuttgart (composante N-S)
 VG : séismographe vertical Galitzine.
 EG : séismographe horizontal Galitzine (composante E-W).
 NG : séismographe horizontal Galitzine (composante N-S).
 VL : séismographe vertical Press-Ewing, Long Period.
 EL : séismographe horizontal Press-Ewing, Long Period (composante E.W.)
 NL : " " " " (" N.S.)
 VB : séismographe vertical Benioff, Short Period.
 EB : séismographe horizontal Benioff, Short Period (composante E.W.)
 NB : séismographe horizontal Benioff, Short Period (composante N.S.)
 (...) : douteux.
 AG, MI agitation microsismique.
 AG, ATM " atmosphérique
 MBT : mauvaise base de temps
 COM : compression
 DIL : dilatation.
 h = 0 \equiv foyer superficiel
 h = 0,00 \equiv profondeur 33 km.

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1	01	17 26	43.5	45.4 N	151.9 E	.002	80.64	22.65	USCGS
		17 38	54	P	VS		80.0		
		17 48	56	S	NG				
		18 02,4		LQ	EL				
		18 05,2		LR	NL				
		18 09,1		LM	EG				
		18 13,2		M	EL				
2	02	05 01	53.5	53.0 N	159.6 E	.001	75.22	15.32	USCGS
		5 13	34	P	VS				
		5 14	17	E	VS				
3	02	05 21	00.5	54.6 N	161.5 E	.000	73.98	13.74	USCGS
		5 32	34	P	VS				
4	03	17 20	54.0	52.8 N	173.1 E	.000	77.11	7.13	USCGS
		17 32	46	P	VS				
5	03	21 24	56.3	20.4 S	178.2 O	.076	150.30	5.29	USCGS
		21 43	48	PKP	VS				
6	05	10 11	53.0	26.6 S	175.7 O	.000	156.55	.66	USCGS
		10 32	08	PKP	VS				
7	05	16 25	52.6	61.4 S	154.9 E	.000	159.95	135.77	USCGS
		16 46	35	PKP	VG				
		17 26,4		LQ	NL				
		17 40,4		LR	VL				
		17 44,8		LM	EL				
8	05	18 33	54.7	08.0 S	074.5 O	.018	89.07	256.56	USCGS
		18 46	34	P	VS				
9	06	23 46	10.7	52.3 S	028.6 E	.000	103.93	165.08	USCGS
		4 26		P	ES				
		4 42		E	VS				
		7 44		E	VG				
		10 42		E	NG				

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11	42	E	NL
12	18	E	EL
13	46	E	NL
19	10	E	NL
26	18	E	EL
28	42	E	EG
32,1		LQ	EG
33,4		LR	VL
38,4		LM	VL
39,6		MQ	EL

10	06	05 54 42.7 6 07 21 6 17 41 6 42,6	27.2 N P SKS LM	127.3 E VS EL EL	.012	87.86	48.59	USCGS
11	06	15 07 09.6 15 16 28	44.2 N P	082.6 E VG	.000	51.14	64.66	USCGS
12	06	23 45 23.4 23 57 13 24 03 18 24 07 34 24 12 08 24 17,3 24 20,6 24 33,9 24 35,1	50.9 N P E /PS/ E LQ LR LM MR	157.3 E VS NG NG VL NL VL EG VL	.000	76.81	17.36	USCGS
13	07	12 32 54.5 13 25,1 13 32,4	56.8 S LR LM	026.1 O VL EL	.000	109.43	197.33	USCGS
14	07	14 49 26 14 49 48	PN SN	VS ES		1.6		
15	07	23 12 33.4 23 32 21	18.3 S PKP	173.4 O VS	.000	148.26	356.38	USCGS
16	08	22 30 49.7	03.7 S	119.4 E	.009	108.52	72.88	USCGS

		22 49 42	PKP	VS					
		23 28,4	LM	NL					
17	09	02 59 21.6	41.7 N	141.9 E	.003	81.30	30.92	USCGS	
		3 39,3	LM	NL					
18	09	18 31 52.4	45.5 N	150.9 E	.001	80.47	23.31	USCGS	
		18 44 02	P	VS		80.0			
		18 44 12	PCP	VS					
		18 47 14	E	VS					
		18 54 04	S	NL					
		18 54 16	SLS	NL					
		18 54 23	SCS	EG					
		18 59 22	SS	EL					
		19 00 10	E	NL					
		19 00 26	E	EL					
		19 03 12	E	NG					
		19 04 06	E	EG					
		19 04 59	SSSS	EL					
		19 06,1	LQ	EL					
		19 09,1	MQ	EL					
		19 12,7	LR	VL					
		19 16,6	MR	NL					
19	10	04 50 53.4	42.0 N	142.6 E	.000	81.25	30.31	USCGS	
		5 03 07	P	VS		80.8			
		5 13 24	SKS	EL					
		5 13 32	SCS	NG					
		5 19 44	E	NL					
		5 19 56	E	VL					
		5 22 54	E	EG					
		5 23 24	E	VL					
		5 26,7	LQ	NL					
		5 29,5	LR	EG					
		5 33,3	MR	EL					
20	10	16 57 26.5	45.4 N	150.0 E	.003	80.33	23.95	USCGS	
		17 09 33	P	VL					
		17 34,4	LR	EL					
		17 40,7	LM	EL					
21	12	06 00 13.2	53.2 N	166.3 O	.000	76.89	354.39	USCGS	
		6 12 03	P	VS		76.0			
		6 12 21	E	ES					

6 12 33	E	NL
6 21 46	S	EL
6 32,4	LQ	EL
6 36,9	LR	VL
6 50,3	LM	VG

22	12	12 45 51.1	31.5 N	049.4 E	.005	37.99	102.07	USCGS
		12 53 01	P	VS				
		12 13 05,0	LQ	EL				
		12 07,5	LR	NG				
		12 12,0	LM	VL				

23	14	01 11 12.6	52.9 N	159.6 E	.003	75.31	15.35	USCGS
		1 22 53	P	VS				

24	14	15 38 13.8	05.2 S	150.8 E	.021	126.99	43.92	USCGS
		15 57 01	PKP	VS				
		16 43,9	LM	NL				

25	15	02 23 47.4	45.3 N	150.6 E	.002	80.58	23.58	USCGS
		2 35 57	P	VS				

26	15	21 36 05.0	29.1 N	140.8 E	.006	92.16	37.31	USCGS
		21 49 07	P	VG		90.6		
		21 52 44	PP	ES				
		21 59 36	SKS	EL				
		22 01 11	PS	VG				
		22 01 44	E	VL				
		22 05 02	E	VL				
		22 16,3	LQ	NL				
		22 19,7	LR	VL				
		22 23,8	MR	NL				

27	17	02 54 22.6	45.4 N	151.3 E	.004	80.66	23.08	USCGS
		3 06 32	P	VS				

28	17	02 54 26.8	21.6 S	169.9 E	.000	149.28	27.53	USCGS
		3 14 14	PKP	VS				
		4 09,1	LM	VL				

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29	18	12 04 40.0	23.1 N	120.5 E	.000	87.76	55.98	USCGS
		12 17 28	P	VL		88.0		
		12 17 35	E	VG				
		12 20 09	E	VS				
		12 20 55	PP	VL				
		12 27 57	SKS	EL				
		12 28 12	S	EL				
		12 28 42	I	NL				
		12 29 09	/SP/	VL				
		12 33 30	E	NG				
		12 34 01	SS	NL				
		12 37 29	E	VL				
		12 37 41	/SSS/	EL				
		12 42,4	LQ	NL				
		12 45,8	LR	VL				
		12 47,7	LM	VL				
		12 49,3	MQ	EL				
		12 53,5	MR	VL				
30	18	22 36 17.6	18.8 N	069.4 O	.010	65.57	270.41	USCGS
		22 46 53	P	VS				
31	19	06 49 55.9	58.6 S	025.1 O	.000	110.94	196.13	USCGS
		7 44,4	LM	VL				
32	19	09 13 53.5	26.9 N	054.0 E	.000	44.06	102.85	USCGS
		9 22 00	P	VS				
		9 32 54	E	EL				
		9 34,7	LQ	NL				
		9 37,8	LR	VL				
33	19	17 10 46.1	44.1 N	145.0 E	.000	80.11	27.79	USCGS
		17 45,0	LM	EL				
34	19	23 22 19.1	18.3 S	176.9 O	.002	148.28	2.70	USCGS
		23 41 53	PKP	VS				
35	20	17 08 37.4	20.7 S	169.9 E	.017	148.43	26.98	USCGS
		17 28 05	PKP	VS				
		17 28 09	I	VS				
		17 28 22	E	VS				
		17 28 41	E	VS				

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17	28	58	E	VS
17	29	12	E	VG
17	29	32	E	NG
17	31	40	PKS	VS
17	32	06	E	VL
17	36	31	E	ES
17	41	56	E	VL
17	44	14	E	VL
17	50	10	E	EL
17	50	54	E	VL
17	55	16	E	EL
17	57	12	/SSS/	VL
18	09,9		LQ	EL
18	18,8		LR	VL

36	22	15	58	46.5	22.4 N	093.6 E	.009	72.52	75.94	USCGS
		16	10	05	P	VG		71.9		
		16	10	24	PCP	VL				
		16	12	47	PP	VS				
		16	19	54	PS	EL				
		16	24	28	E	EL				
		16	32,8		LR	VL				
		16	37,6		LM	NL				

37	23	23	59	43.6	13.7 S	165.9 E	.000	140.62	29.41	USCGS
			19	04	PKP	VL		140.4		
			19	11	E	VS				
			19	22	E	NL				
			22	08	PP	VL				
			22	58	E	EG				
			24	28	E	VL				
			30	36	E	EL				
			32	30	E	NL				
			32	38	PS	NG				
			40	33	SS	EL				
			40	40	E	NG				
			44	44	E	VL				
			58,0		LQ	EL				
		1	15,4		LM	EG				
		1	20,2		LR	VL				

38	23									
		17	05	56	PG	VS		.5		
		17	06	03	SG	ES				
		17	06	05	S*	ES				
		17	06	10	E	ES				

39	24	17 17 45.5 17 28 53 17 30 55 17 38 04 17 48,4 18 03,6	38.7 N P E E E LM	129.4 E NS VS ES VL VL	.080	79.18	40.86	USCGS
40	24	21 31 24.2 21 43 39 21 43 53 22 17,2 22 21,0	44.5 N P E LQ LR	150.3 E VS VS EL VL	.000	81.24	24.08	USCGS
41	25	03 40 34.9 4 27,4	16.1 S LM	173.8 0 VL	.000	146.09	357.23	USCGS
42	25	22 46 18.0 23 25,9	17.0 N LM	086.6 0 VL	.000	77.89	281.95	USCGS
43	26	09 09 33.9 9 42,4 9 48,4 9 53,6 10 00,3	16.3 S LQ LR LM MR	071.7 0 EL VL VL EL	.013	93.74	249.24	USCGS
44	27	01 12 23.5 1 21 41 1 29 05 1 29 17 1 34,4 1 35,6 1 36,8 1 40,0	00.0 N P E S LQ LM LR MR	017.9 0 VG VL EL EL EL VL VL	.000	53.43	208.43	USCGS
45	28	05 43 22.1 6 46,8 6 53,9	06.3 S LM LM	148.7 E EL EL	.000	126.99	46.88	USCGS
46	28	14 09 12.0 14 17 42	36.0 N P	071.6 E VL	.029 .025	49.34 49.3	79.78	BCIS

14 18	23	*PP	EL
14 18	44	*SP	VS
14 19	03	PCP	VL
14 19	37	PP	VL
14 19	51	E	NL
14 20	13	E	VL
14 20	32	/PPP/	ES
14 20	47	E	ES
14 21	09	/PPPP/	NG
14 24	32	S	NL
14 24	37	SP	VL
14 24	50	SPP	NG
14 25	17	PS	ES
14 25	32	/PPS/	ES
14 25	42	/*SS/	EG
14 25	47	I	VS
14 26	47	E	VL
14 28	15	LR	EL
14 30	01	MQ	NL
14 00,9		LM	NG
14 37,1		MR	VL

47	30	17 45	42.0	36.5 N	030.5 E	.000	23.09	116.18	BCIS
		17 50	47	P	VS		22.6		
		17 50	49	E	VS				
		17 54	51	S	EG				
		17 55,0		LQ	EL				
		17 57,3		LR	VL				
		18 00,4		MR	VL				

48	02	06 31	54.4	06.0 N	082.5 O	.002	83.53	271.63	USCGS
		7 11,5		LM	VL				

49	02	08 54	48.3	24.2 N	122.6 E	.000	87.97	53.78	USCGS
		9 34,5		LQ	NL				
		9 37,7		LR	VL				
		9 45,9		LM	VL				
		9 48,2		MR	VL				

50	04	10 02	21.4	48.2 N	154.4 E	.001	78.77	20.07	USCGS
		10 14	21	P	VS				

51	05	11 30	15.7	36.5 N	141.0 E	.002	85.64	33.87	USCGS
		11 42	51	P	VL		88.0		C

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		11 43 08	E	VS					
		11 53 35	S	EL					
		11 53 41	E	NG					
		11 54 38	PS	NL					
		11 59 23	SS	VL					
		12 07,2	LQ	NL					
		12 13,0	LR	EL					
		12 15,6	MQ	EL					
		12 19,2	MR	NL					
		12 26,7	MR	NL					
52	05	11 35 18.6	19.7 S	179.8 O	.060	149.49	8.17		USCGS
		11 54 19	PKP	VL					
		11 56 11	E	VS					
53	06	13 07 25.2	55.7 N	155.8 W	.000	73.22	348.58		USCGS
		13 18 56	P	VL		74.0		D	
		13 21 41	PP	VS					
		13 21 55	E	VL					
		13 23 30	PPP	VG					
		13 28 29	S	EL					
		13 28 59	SKS	EG					
		13 29 03	PS	ES					
		13 33 13	SS	NG					
		13 36 33	SSS	NG					
		13 37 05	E	VG					
		13 38,2	LQ	EG					
		13 42,6	LR	VL					
		13 47,2	LM	NG					
		13 50,0	MQ	NG					
		13 52,2	MR	NL					
54	06	13 13 45.2	55.8 N	155.9 O	.000	73.32	348.64		USCGS
		13 25 16	P	VS					
		13 28 45	E	EG					
55	06	19 08 57.8	24.0 N	126.4 E	.000	90.08	51.01		USCGS
		19 52,6	LR	VL					
		19 57,9	LM	NL					
56	07	12 58 53.6	39.8 N	142.8 E	.002	83.30	31.13		USCGS
		13 11 16	P	VS					
		13 11 27	E	VS					
		13 36,0	LQ	EL					

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13	38,0	LR	VL
13	46,5	MQ	NL
13	49,6	LM	NL
13	50,6	MR	VL

57	08	09 55 59.9	09.2 N	126.2 E	.004	102.21	59.36	USCGS
		10 48,2	LM	NL				

58	08	11 17 46.5	52.3 N	175.6 E	.004	77.79	5.64	USCGS
		11 29 38	P	VS				D
		11 39 26	S	NG				
		11 39 44	E	EL				
		11 50,6	LQ	EL				
		11 54,8	LR	NL				

59	09	02 00 07.3	16.5 S	179.2 O	.070	146.37	6.58	USCGS
		2 18 55	PKP	VS				D
		2 19 14	E	ES				

60	10	17 27 58.0	06.1 S	104.1 E	.000	100.67	86.64	USCGS
		18 22,8	LM	VL				

61	11	18 21 05.5	15.9 S	173.1 O	.000	145.86	356.05	USCGS
		18 40 38	PKP	VS				
		18 40 45	E	ES				

62	12	20 31 53.2	03.5 S	146.6 E	.000	123.55	47.52	USCGS
		20 50 49	PKP	VS				
		21 01 33	E	VL				
		21 09 38	E	NL				
		21 13 53	E	EG				
		21 15 24	E	VL				
		21 23 00	E	EL				
		21 26,4	LQ	EL				
		21 31,6	LR	VL				
		21 37,6	LM	EG				
		21 37,9	MR	NL				

63	12	22 33 59.2	15.3 S	174.4 O	.000	145.31	358.30	USCGS
		22 53 34	PKP	VS				

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		22 53 44	E	VL					
		22 57 16	E	VL					
		23 34 00	E	VL					
		23 10,8	LR	NL					
		23 48,4	LM	VL					
64	14	16 29 45.0	05.1 S	151.7 E	.004	127.30	42.86		USCGS
		16 48 45	PKP	VS					
		16 48 46	E	VS					
		16 49 09	E	VS					
		17 00 43	E	EL					
		17 02 30	E	VL					
		17 08 44	E	EL					
		17 22,3	LQ	NL					
		17 30,8	LR	VL					
		17 36,9	LM	EL					
		17 45,4	MR	VL					
65	15	16 33 08.0	04.8 S	152.4 E	.006	127.34	41.91		USCGS
		16 52 08	PKP	VS					
66	17	12 19 01.0	46.9 N	008.2 E	.000	4.00	141.78		BCIS
		12 20 01	PN	VL		3.5			
		12 20 15	PG	ES					
		12 20 18	E	NL					
		12 20 43	SN	ES					
		12 20 55	SG	EL					
		12 21,1	MR	NG					
67	17	16 09 41.0	46.9 N	008.2 E	.000	4.00	141.78		BCIS
		16 11 22	SN	VS					
		16 11,8	LM	VS					
68	18	00 23 00.0	46.9 N	008.2 E	.000	4.00	141.78		BCIS
		24 54	E	VS					
69	18	06 08 05.0	46.9 N	008.2 E	.000	4.00	141.78		BCIS
		6 09 23	PG	VS					
		6 09 58	SN	ES					
		6 10,2	LM	VS					

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70	18	12 19 20.6 12 24 55	38.8 N E	028.4 O VS	.000	25.91 256.85	USCGS
71	20	08 35 36.2 8 47 40	46.6 N E	152.5 E VS	.003	79.84 21.86	USCGS
72	20	09 53 51.1 10 06 04 10 06 12 10 16 16 10 32,9 10 39,5	44.6 N P E S LQ LR	150.0 E VS VS NG EL VL	.003	81.07 24.25	USCGS
73	20	12 03 18.7 12 48,1	14.5 N LM	093.0 O VL	.003	83.78 285.05	USCGS
74	21	17 14 45.0 17 20 23 17 22 37 17 27,1 17 27,6	38.3 N P E LQ LR	028.7 O VG EG NL VL	.000	26.40 256.26	USCGS
75	23	22 41 04.0 22 45 08 22 46 01 22 48 20 22 48 43 22 49,1 22 49,6 22 50,4 22 52,6	39.1 N P E S SS LQ LR M LM	024.1 E VS VS NS VG NL VL NL VL	.000 .007	17.66 121.07 17.5	BCIS D
76	24	23 30 26.0 23 39,0	38.9 N LM	023.9 E NL	.000	17.69 121.90	BCIS
77	25	00 34 32.0 1 26,0	44.7 S LM	037.5 E VL	.000	98.56 156.93	USCGS
78	26	21 17 08.1	20.7 S	174.4 O	.000	150.67 358.08	USCGS

		21 36 59	PKP	VS						D
		21 37 09	*PPKP	VS						
		21 38 16	E	NG						
79	27	11 35 32.4 12 27,3	18.9 N LM	104.0 0 VL	.000	87.02	296.03		USCGS	
80	27	15 10 48.4 15 22 12 15 22 38 15 31 35 15 32 25 15 36 18 15 40 27 15 46,4 15 48,1	21.7 N P *PP S PS E /SSS/ LR LM	094.4 E VS VS VL NL EL VL VL NL	.011 .01	73.53 74.0	75.86		USCGS	
81	29	15 20 12.8 15 32 58 16 04,5 16 12,1	34.8 N P LR LM	141.7 E VS VL EG	.000	87.41	34.11		USCGS	
82	29	20 13 41.6 20 33 26	18.2 S PKP	172.8 0 VS	.000	148.13	355.31		USCGS	
83	29	23 49 40.8 8 20 17 28 41,0	08.5 S P S LM	112.7 E VS VL NL	.006	108.01	81.48		USCGS	
84	02	19 32 41.7 19 52 17 19 52 57 19 55 50 20 05 35 20 05 57 20 14,8 20 27,1	18.9 S PKP E PKS E E L LM	174.8 0 VL VS VL VL NL EL EL	.011	148.89	358.89		USCGS	
85	04	00 48 09.0	44.1 N	030.4 0	.000	24.41	269.32		USCGS	

		56,6		LM		VL				
86	04	02 58 29.2 3 05 43 3 06 38 3 08,1 3 09,8		43.6 N P S LQ LR		028.9 W VS EL NL VL	.000	23.63 15.7	267.01	USCGS
87	04	03 17 22.7 3 37 09		20.9 S PKP		168.6 E VS	.000	148.22	29.30	USCGS
88	04	12 59 10.0 13 10,9		42.5 N LM		029.0 O VL	.000	24.27	264.73	USCGS
89	04	16 16 30.9 16 21 40 16 27,3		43.6 N P LR		029.3 O VS NL	.000	23.93	267.35	USCGS
90	04	21 31 49.0 21 36 33		34.8 N P		023.9 E VS	.001	20.80	129.99	USCGS
91	05	06 00 41.3 6 52,8 7 01,4		45.2 S LQ LR		096.4 E NL VL	.001	123.62	121.82	USCGS
92	05	20 31 57.4 20 61 45		16.4 S PKP		173.0 O VS	.000	146.35	355.83	USCGS
93	06	02 55 12.0 3 20,3		12.4 N LM		087.6 O VL	.011	81.97	279.65	USCGS
94	06	18 57 16.1 19 54,3 20 01,9 20 06,9		06.1 S LQ LR LM		154.4 E EL VL NL	.006	129.36	40.31	USCGS

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95	06	20 42 55.8 21 55,2	19.5 S LM	174.5 E NL	.004	148.43	18.41	USCGS
96	07	23 51 28.5 11 14	22.9 S PKP	173.1 E VS	.003	151.39	22.57	USCGS
97	07	07 44 08.1 7 48 57 7 52 52 7 54 11 7 54,6	71.7 N P S E LM	001.4 O VS VS VL NL	.000	21.87 21.6	354.91	USCGS
98	07	23 13 25.4 23 32 14	19.9 S PKP	177.9 O VS	.078	149.82	4.67	USCGS
99	08	01 35 48.1 1 57 04 2 07 13 2 27 08 2 46,0 3 03,9 3 10,0 3 17,3	44.0 S PKP /PPPP/ E LQ LR LM LM	168.4 E VS EL EL NL NL NL VL	.000	167.29	67.26	USCGS
100	10	13 59 54.8 14 18 37 14 24 38 14 27 35 14 52,1	01.9 N PKP E E LM	127.5 E VS EL EL VL	.013	108.85	62.48	USCGS
101	11	00 09 02.7 23,5	42.5 N LM	045.0 E NL	.000	28.65	89.67	USCGS
102	11	05 50 51.9 6 51,5	38.2 S LM	074.3 O VL	.000	111.81	236.45	USCGS
103	11	19 19 05.0 19 20 08	46.9 N PN	008.3 E VS	.000	4.04 4.0	140.98	BCIS

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MARS

19	20	22	PG	VS
19	20	37	E	VG
19	20	44	E	ES
19	20	49	E	VS
19	20	56	SN	EG
19	21	00	E	EG
19	21	10	S*	ES
19	21	15	SG	ES

104	11	23 34	21.0	27.7 N	057.5 E	.002	45.71	98.94	USCGS
		23 42	49	P	VS				
		23 55,9		LM	NL				

105	14	02 37	22.0	46.9 N	008.3 E	.000	4.04	140.98	BCIS
		2 38	24	PN	VG		3.8		D
		2 38	24		EG				
		2 38	24		NG				
		2 38	27		EG				
		2 38	30	P*	VS				
		2 38	39	PG	NS				
		2 39	07	SN	ES				
		2 39	20	S*	VL				
		2 39	28	SG	ES				
		2 39	32	E	VS				

106	14	11 44	53.8	20.6 S	178.5 O	.083	150.48	5.89	USCGS
		12 03	43	PKP	VS				

107	14	14 09	51.0	46.9 N	008.3 E	.000	4.04	140.98	BCIS
		14 11	56	SG	VS				
		14 12	13	E	ES				

108	14	16 36	52.1	01.9 S	012.9 O	.000	53.88	201.82	USCGS
		16 46	16	P	VS				
		16 59,4		LQ	EL				
		17 03,4		LR	NL				

109	14	20 44	44.0	46.9 N	008.3 E	.000	4.04	140.98	BCIS
		20 46	45	E	VS				
		20 46	54	SG	ES				
		20 47	04	E	VS				

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MARS

110	15	05 22	55.0	46.9 N	008.3 E	.000	4.04	140.98	BCIS
		5 24	09	PG	VS		3.8		
		5 24	23	E	VS				
		5 24	49	S*	VS				
		5 24	53	E	ES				
		5 24	59	SG	NS				
		5 25	04	E	ES				
		5 25	08	E	ES				
111	15	07 59	58.0	49.7 N	078.0 E	.000	45.50	60.79	USCGS
		8 08	21	P	VS				D
		8 08	21		NS				
		8 08	22		ES				
112	15	22 30	28.0	36.0 N	007.5 O	.000	16.60	216.49	BCIS
		22 34	15	P	VS		15.8		C
		22 34	17		VG				
		22 34	17		EG				
		22 34	17		NG				
		22 34	22	I	VS				
		22 34	28	PP	NG				
		22 34	33	PPP	VG				
		22 37	06	S	ES				
		22 37	30	SS	EG				
		22 37,9		LR	VG				
		22 39,0		MR	VS				
113	16	01 05	17.6	36.9 N	095.5 E	.000	63.33	63.78	USCGS
		1 15	46	P	VS				
		1 36,3		LM	NL				
114	16	03 28	11.7	38.0 N	072.9 E	.016	48.93	76.85	USCGS
		3 36	46	P	VS				
115	16	08 44	32.8	44.8 N	146.8 E	.017	80.00	26.30	USCGS
		8 59	29	P	VS				D
		8 59	29		ES				
		8 59	29		NS				
		8 59	41	E	VS				
116	16	13 30	28.0	46.9 N	008.3 E	.000	4.04	140.98	BCIS
		13 31	29	PN	VS		3.6		

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MARS

13	31	36	P*	NS
13	31	41	PG	VS
13	32	04	E	VS
13	32	13	SN	VS
13	32	27	SG	ES

117	16	21 39	42.5	20.6 S	178.7 O	.085	150.47	6.27	USCGS
		21 58	30	PKP	VS				C
		22 09	00	E	NG				

118	18	04 37	26.9	52.5 N	153.6 E	.064	74.55	19.07	USCGS
		4 48	20	P	VG	.06	74		D
		4 48	21		EL				
		4 48	21		NS				
		4 49	55	*PP	VS				
		4 51	15	PP	VS				
		4 56	44	E	EL				
		5 00	12	E	EL				
		5 00	52	E	NG				
		5 05,5		LM	NL				

119	18	16 43	23.0	45.5 N	014.5 E	.000	8.10	120.81	BCIS
		16 45	23	P	VS		8.2		
		16 45	32	E	ES				
		16 45	40	E	VS				
		16 45	51	E	VS				
		16 46	38	E	NG				
		16 46	46	E	ES				
		16 46	57	SN	EG				
		16 47	17	E	ES				
		16 47	26	S	EG				
		16 47	34	E	EG				
		16 47	43	E	VS				

120	19	09 42	34.9	14.7 N	056.3 E	.000	54.58	111.32	USCGS
		10 09,2		LM	NL				

121	19	21 44	03.8	15.1 S	172.6 O	.000	145.05	355.27	USCGS
		22 03	39	PKP	VS				
		22 03	42	E	VS				
		22 59,2		LM	VL				

122	21	03 42	19.6	06.4 S	127.9 E	.052	115.80	67.38	USCGS
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		4 00	24	PKP	VS					
		4 01	40	*PPKP	VL					
		4 03	23	E	VS					
		4 05	32	E	VL					
		4 06	39	E	EL					
		4 08	40	E	NG					
		4 10	26	SP	EG					
		4 10	37	E	VL					
		4 11	12	E	NL					
		4 11	36	SPP	EL					
		4 12	17	PPS	VL					
		4 13	00	E	EL					
		4 17	10	SSP	EL					
		4 25,1		LM	VL					
123	21	16 27	11.7	27.6 S	177.2 O	.000	157.50	4.16		USCGS
		16 47	20	PKP	VS					
124	22	00 52	38.8	54.0 N	160.5 E	.000	74.40	14.50		USCGS
		1 04	15	P	VS					
125	22	07 05	39.7	05.5 S	077.1 O	.018	88.79	260.13		USCGS
		7 18	18	P	VS					
126	22	13 39	02.0	03.2 N	098.0 E	.000	89.70	85.35		USCGS
		14 31,2		LM	NG					
127	23	13 40	26.3	38.3 N	073.7 E	.015	49.25	76.03		USCGS
		13 49	04	P	VS	.01	49.0			
		13 49	27	*PP	VS					
		13 49	38	*SP	VS					
		13 56	00	S	EL					
		14 00,9		LM	NL					
128	25	02 43	23.5	36.3 N	140.9 E	.005	85.78	34.03		USCGS
		2 56	10	P	VS					
129	25	15 32	26.0	20.1 S	168.8 E	.000	147.53	28.47		USCGS
		15 52	08	PKP	VS					

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MARS

130	26	02 04 20.2	11.3 N	142.0 E	.000	108.44	44.41	USCGS
		2 54,4	LR	EL				
		3 00,3	LM	EL				
		3 07,2	LM	VL				
131	26	04 40 14.0	46.9 N	009.7 E	.000	4.66	131.35	BCIS
		4 41 15	PN	VS				
		4 42 16	E	VS				
		4 42 30	E	VS				
132	26	07 43 49.0	39.4 N	010.2 O	.000	14.96	230.01	BCIS
		7 47 14	P	VS				
		7 47 31	/PPP/	VS				
		7 49 49	S	NS				
133	26	19 37 27.6	39.3 N	143.3 E	.000	83.92	31.00	USCGS
		20 25,2	LM	EL				
134	27	20 22 10.6	23.7 S	179.9 E	.076	153.41	9.64	USCGS
		20 41 01	P	VL				C
		20 43 17	E	VS				
		20 43 27	E	VL				
		21 03,6	LM	VL				
135	27	23 03 41.7	27.2 N	089.3 E	.000	66.37	75.46	USCGS
		23 47,5	LM	NL				
136	28	03 36 12.7	61.1 N	147.6 O	.000	67.01	345.74	USCGS
		3 47 05	P	VS		67.2		C
		3 47 06	P	VL				C
		3 47 06		EL				
		3 47 06		NL				
		3 47 14	I	VS				
		3 47 36	PCP	VS				
		3 47 50	E	EG				
		3 48 32	E	EG				
		3 49 26	E	EG				
		3 49 35	PP	VS				
		3 50 55	I	EG				
		3 51 13	PPP	VS				
		3 52 13	I	EG				
		3 55 59	S	EG				

3	56	08	I	EG
3	56	19	PS	EG
3	56	32	PPS	ES
3	57	01	SKS	VS
3	57	50	E	VS
4	06,1		LM	VS

137	28	04 54	07.9	59.8 N	149.4 O	.000	68.53	346.21	USCGS
		5 05	10	P	VS				
138	28	5 28	16	P	VS				
139	28	5 33	24	P	VS				
140	28	05 33	52.6	60.2 N	146.2 O	.000	67.63	344.71	USCGS
		5 44	50	P	VS				
141	28	05 35	38.4	57.2 N	153.0 O	.000	71.57	347.36	USCGS
		5 46	58	P	VS				
142	28	5 57	46	P	VS				
143	28	6 01	07	P	VS				
144	28	6 13	09	P	VS				
145	28	06 08	44.2	60.1 N	148.6 O	.000	68.12	345.90	USCGS
		6 19	44	P	VS				
146	28	06 29	17.4	57.7 N	150.8 O	.000	70.76	346.30	USCGS

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MARS

6 40 35 P VS

147	28	06 32 6 43	38.6 35	60.1 N P	147.6 O VS	.000	67.96	345.39	USCGS
148	28	06 41 6 52	28.0 29	59.9 N P	147.8 O VS	.000	68.18	345.42	USCGS
149	28	06 43 6 55	57.4 10	58.3 N P	151.3 O VS	.000	70.26	346.75	USCGS
150	28	06 50 7 02	48.9 08	57.1 N P	152.3 O VS	.000	71.56	346.95	USCGS
151	28	06 53 7 04	35.6 44	58.8 N P	149.5 O VS	.000	69.50	345.94	USCGS
152	28	07 09 7 20	12.0 10	60.0 N P	147.5 O VS	.000	68.04	345.30	USCGS
153	28	07 10 7 21	21.4 30	58.8 N P	149.5 O VS	.000	69.50	345.94	USCGS
154	28	7 32	45	P	VS				
155	28	07 30 7 41	29.6 50	51.4 N P	151.7 O VS	.000	76.98	345.01	USCGS
156	28	08 33 8 45	47.0 06	58.1 N P	151.1 O VS	.000	70.42	346.58	USCGS
157	28	08 55	22.8	56.7 N	151.9 O	.000	71.89	346.61	USCGS

		9 06 46		P	VS					
158	28	09 01 00.5 9 12 25	56.5 N P	152.0 O VG	.000	72.10	346.61		C	USCGS
159	28	09 05 56.4 9 17 20	56.6 N P	153.2 O VS	.000	72.18	347.31			USCGS
160	28	09 13 56.6 9 25 01 9 40,4	59.4 N P LM	151.2 O VS NG	.000	69.18	347.02			USCGS
161	28	09 34 01.5 9 45 25	56.8 N P	152.3 O VS	.000	71.85	346.86			USCGS
162	28	09 52 55.7 10 03 54 10 27,9	59.7 N P LM	146.6 O VS VG	.000	68.17	344.73			USCGS
163	28	10 17 48.5 10 29 10 10 32 14	56.6 N P E	152.2 O VS VG	.000	72.03	346.75			USCGS
164	28	10 33 00.2 10 44 16	57.7 N P	152.2 O VS	.000	70.97	347.06			USCGS
165	28	10 35 38.9 10 46 58 10 56 18 11 14,6	57.2 N P /PPS/ LM	152.4 O VS NG EG	.000	71.48	347.03		D	USCGS
166	28	10 59 16.3 11 10 34 11 10 46	57.4 N P E	151.6 O VS ES	.000	71.17	346.64			USCGS

167	28	11 08 11 19	26.0 26	60.1 N P	148.4 0 VG	.000	68.09 345.80	D	USCGS
168	28	11 50 12 01	01.9 13	58.2 N P	149.8 0 VS	.000	70.12 345.91		USCGS
169	28	12 03 12 14	16.5 14	60.3 N P	146.6 0 VS	.000	67.60 344.95		USCGS
170	28	12 21	56	P	ES				
171	28	12 20 12 32 12 32 12 32 12 34 12 41 12 50,3 12 57,5 13 06,5	49.8 16 16 16 43 40 3 5 5	56.5 N P E S LQ LR M	154.0 0 VS ES NS VS EG EG VG NG	.000	72.38 347.73 66.3	D	USCGS
172	28	12 38	37	P	VS				
173	28	13 01 13 12 13 40,0	14.2 19 0	60.1 N P LM	147.0 0 VS EG	.000	67.86 345.08		USCGS
174	28	13 27 13 40	38.5 33	60.3 N P	147.1 0 VS	.000	67.69 345.20		USCGS
175	28	14 01 14 13	57.6 23	56.5 N P	154.4 0 VS	.000	72.44 347.96		USCGS
176	28	14 46	19.2	57.8 N	151.3 0	.000	70.74 346.60		USCGS

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MARS

		14 57	56	P		VS				
177	28	14 47	37.1	60.4 N		146.5 0	.000	67.49	344.93	USCGS
		14 58	34	P		VS		68.0		
		15 01	04	PP		VS				
		15 07	33	S		EG				
		15 11	59	SS		NG				
		15 19,9		LM		EG				
178	28	14 49	13.7	60.4 N		147.1 0	.000	67.59	345.24	USCGS
		15 00	09	P		VS		68.7		
		15 02	39	PP		ES				
		15 09	12	E		EG				
179	28	15 26	57	P		VS				
		15 28	36	E		VS				
180	28	16 44	35.9	59.3 N		147.8 0	.000	68.75	345.21	USCGS
		16 55	46	P		VS				
181	28	18 14	57	P		VS				
182	28	20 29	08.6	59.8 N		148.7 0	.001	68.42	345.85	USCGS
		20 40	08	P		VS		68.2		C
		20 42	39	PP		VS				
		20 43	30	E		EG				
		20 49	08	/S/		VG				
		20 50	12	E		EG				
		20 53	28	/SS/		NG				
		21 01,6		LM		EG				
183	28	21 08	22	P		VS				
184	28	22 40	00	P		VS				

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185	28	23 46 23 57	22.0 37	57.5 N P	151.1 O VS	.000	71.00 346.40	USCGS
186	29	01 09 1 20 1 23	36.4 37 06	59.8 N P PP	149.2 O VG NS	.000	68.50 346.11	C BCIS
187	29	01 29 1 40	33.7 51	57.5 N P	151.3 O VS	.000	71.03 346.51	USCGS
188	29	01 48 1 59	18.5 45	56.3 N P	153.7 O VS	.000	72.54 347.51	USCGS
189	29	02 07 2 19	41.6 07	56.5 N P	152.6 O VS	.000	72.19 346.95	USCGS
190	29	03 07 3 18	19.5 20	59.7 N P	148.8 O VS	.000	68.53 345.87	USCGS
191	29	04 12 4 23	15.7 13	60.2 N P	145.5 O VS	.000	67.51 344.35	USCGS
192	29	04 51 5 03	53.3 10	56.8 N P	152.4 O VS	.001	71.87 346.92	USCGS
193	29	05 37 5 49	47.4 08	56.9 N P	153.3 O VS	.000	71.90 347.45	USCGS
194	29	06 04 6 16 6 25 6 25 6 30 6 33,5	44.5 11 37 55 27	56.1 N P PPS E E LQ	154.3 O VG NG EG NG EG	.000	72.81 347.80	C USCGS

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MARS

				6 40,0	LM	EG			
195	29	06 53 7 04	19.5 48	56.1 N P	154.5 O VS	.000	72.84	347.92	USCGS
196	29	07 52 8 04	46.4 14	56.1 N P	154.2 O VS	.000	72.80	347.74	USCGS
197	29	09 15 9 27	55.4 07	58.4 N P	150.5 O VS	.000	70.04	346.35	USCGS
198	29	10 08 10 19	02.4 05	60.0 N P	148.6 O VS	.000	68.21	345.87	USCGS
199	29	10 49 11 00	40.3 53	58.2 N P	150.4 O VS	.000	70.22	346.23	USCGS
200	29	11 44 11 55	04.3 04	60.0 N P	149.1 O VS	.000	68.29	346.12	USCGS
201	29	15 07 15 18	13.1 53	54.3 N P	157.0 O VS	.000	74.92	348.95	USCGS
202	29	16 09 16 20	15.3 13	60.3 N P	146.6 O VS	.000	67.60	344.95	USCGS
203	29	16 18 16 29	29.3 25	60.4 N P	146.0 O VS	.000	67.41	344.68	USCGS
204	29	16 40 16 51 16 54 17 00 17 05	57.9 59 30 56 21	59.7 N P PP S /SS/	147.0 O VL VS NL NL	.000	68.24 67.7	344.94	USCGS C

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MARS

17 08,9	LQ	EL
17 12,9	LR	VL
17 23,5	MR	EL

205	29	16 45	33.6	59.8 N	146.9 O	.000	68.13	344.92	USCGS
		16 56	33	P	VS				

206	29	16 53	26.6	60.3 N	146.1 O	.000	67.52	344.70	USCGS
		17 04	23	P	VS				C

207	29	17 20	15	P	VS				
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208	29	18 57	39	P	VS				
		19 11,9		LQ	EL				
		19 16,1		LR	VL				

209	29	21 40	32.7	06.7 S	155.1 E	.006	130.19	39.81	USCGS
		21 59	38	PKP	VL				C

210	30	02 18	06.3	56.6 N	152.9 O	.000	72.13	347.14	USCGS
		2 29	31	P	VL		67.0		C
		2 29	33	E	EL				
		2 29	33	E	NL				
		2 31	44	E	VS				
		2 32	17	E	VL				
		2 38	24	S	EG				
		2 38	55	PPS	EG				
		2 39	03	E	NL				
		2 43	23	E	EL				
		2 46,3		LR	EG				
		2 53,6		LM	EL				
		2 55,9		MR	VL				

211	30	02 41	59.6	56.5 N	153.0 O	.000	72.24	347.17	USCGS
		2 53	31	P	VS				

212	30	07 09	34.0	59.9 N	145.7 O	.000	67.83	344.34	USCGS
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		7 20 33	P	VL		66.8			C
		7 23 03	PP	VL					
		7 29 25	S	NL					
		7 29 35	E	EL					
		7 29 42	E	VL					
		7 33 55	/SS/	EL					
		7 36 53	/SSS/	VG					
		7 40,3	LR	EL					
		7 48,5	MR	EL					
213	30	07 37 01.0	59.7 N	145.3 O	.000	67.95	344.06		USCGS
		7 48 48	P	VS					
		7 48 57	*PP	VG					
214	30	07 56 29.1	56.3 N	154.4 O	.000	72.63	347.91		USCGS
		8 07 58	P	VS					
215	30	08 53 17.9	56.3 S	153.1 O	.000	165.20	236.47		USCGS
		9 37,8	LM	NL					
216	30	09 57 32.5	60.9 N	145.1 O	.000	66.78	344.42		USCGS
		10 08 23	P	VS					
217	30	11 48 40.4	56.4 N	152.5 O	.000	72.27	346.86		USCGS
		12 00 07	P	VS					
		12 00 16	E	VS					
		12 09 30	/PS/	EL					
		12 25,8	LM	NL					
218	30	12 05 43.5	60.1 N	147.0 O	.000	67.86	345.08		USCGS
		12 16 43	P	VG					
		12 33,4	LM	EG					
219	30	12 14 28.4	58.0 N	151.6 O	.000	70.59	346.82		USCGS
		12 25 43	P	VS					
220	30	13 03 34.9	56.5 N	152.7 O	.000	72.20	347.00		USCGS
		13 15 01	P	VS					

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13	24	25	S	EG
13	33,4		LQ	EL
13	38,8		LR	NL
13	42,4		LM	NG

221	30	13 32	18.5	56.4 N	152.6 O	.000	72.28	346.92	USCGS
		13 43	46	E	VS				

222	30	14 10	48.6	57.4 N	152.3 O	.000	71.27	347.03	USCGS
		14 22	06	P	VS				

223	30	16 09	28.4	56.6 N	152.1 O	.000	72.02	346.69	USCGS
		16 20	51	P	VS				C
		16 20	52		ES				
		16 20	52		NS				
		16 30	02	/PS/	VL				
		16 30	16	/PPS/	EG				
		16 38	51	E	EG				
		16 40,3		LQ	EL				
		16 43,5		LR	VL				
		16 47,4		LM	EG				

224	30	16 53	07.7	56.6 N	152.2 O	.000	72.03	346.75	USCGS
		17 04	33	P	VS				

225	30	20 32	46.8	59.4 N	145.1 O	.000	68.19	343.85	USCGS
		20 43	55	P	VS				

226	30	23 03	34.5	57.3 N	152.7 O	.000	71.43	347.22	USCGS
		23 14	54	P	VS				

227	31	23 51	46.0	59.6 N	147.4 O	.000	68.40	345.11	USCGS
		2	45	P	VS				

228	31	00 14	11.7	45.3 N	151.0 E	.004	80.68	23.32	USCGS
		26 19		P	VG				C
		36 35		SKS	EL				
		45,7		LQ	NL				

		40	30		P	VL				
237	01	03	23	17.2	57.2 N	151.3 O	.000	71.32	346.42	USCGS
		3	34	45	P	VS				
		3	43	55	/S/	EL				
		3	54,3		LQ	EL				
		3	56,9		LM	VL				
		4	01,6		LM	NG				
		4	06,8		LM	NG				
238	01	05	33	02.9	59.9 N	146.0 O	.000	67.88	344.50	USCGS
		5	44	03	P	VS				
		5	48	12	E	VG				
239	01	16	29	09.0	59.7 N	146.5 O	.000	68.15	344.68	USCGS
		16	40	09	P	VS				
		17	04,3		LM	NL				
240	01	20	13	08.3	58.3 N	149.6 O	.000	70.00	345.83	USCGS
		20	24	46	P	VS				
241	02	01	11	55.0	05.9 N	095.7 E	.016	86.18	85.38	USCGS
		1	24	23	P	VS		80.2		
		1	24	30	PCP	VS				
		1	24	40	E	NL				
		1	27	27	PP	ES				
		1	27	52	E	VS				
		1	34	28	S	EG				
		1	34	52	E	ES				
		1	35	07	/PS/	VL				
		1	36	15	E	VG				
		1	43	02	SSS	VG				
		1	45	10	E	EG				
		1	46,9		LQ	NG				
		1	47,8		LM	NL				
		1	50,8		LM	NL				
		1	57,5		MQ	NL				
		2	01,5		MR	EL				
242	02	09	57	54.5	56.5 N	152.8 O	.000	72.21	347.06	USCGS
		10	09	19	P	VS				
		10	36,1		LR	VL				

		10 40,5	LM	EG					
243	02	11 41 10.7 11 52 19	58.8 N E	149.6 O VS	.000	69.52	345.99		USCGS
244	02	15 56 52.6 16 10 45 16 21 29 16 36,8 16 47,0	05.8 N P S LQ LM	125.8 E VS EL NL VL	.023	104.76	61.66		USCGS
245	02	22 34 31.7 22 45 33 22 54 29 23 05,3 23 09,5	59.8 N P S LQ LR	144.3 O VS EG EL VL	.000	67.67 67.5	343.59		USCGS
246	03	04 12 41.9 4 25 28 4 25 45 4 35 53 4 36 06 4 37 05 4 42 03 4 45,8	04.0 N P E SKS S PS E LR	096.6 E VS VS EG NG VL NL VL	.006	88.20 87.0	85.91		USCGS
247	03	08 38 42.8 8 49 43 8 58 43 9 02 57 9 08,9 9 15,8	59.6 N P /S/ /SS/ LR LM	144.7 O VS NL NL EL EL	.000	67.93	343.72		USCGS
248	03	08 46 27.0 8 57 41	57.9 N P	150.5 O VG	.000	70.52	346.19		USCGS
249	03	09 48 16.0 10 03 07	57.1 N P	150.5 O VS	.000	71.29	345.95		USCGS

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AVRIL

250	03	17 21 10.0 18 07,8	01.9 N LM	102.2 O VL	.000	99.20 284.20	USCGS
251	03	22 33 42.2 22 44 29 22 44 31 22 46 55 22 53 20 22 57 50 23 00,9 23 03,0 23 07,5	61.6 N P I PP S SS LQ LR LM	147.6 O VS VL VL NL NL EG VL VL	.001	66.53 345.92 66.7	USCGS C
252	04	04 54 01.7 5 04 57 5 07 26 5 13 59 5 18 16 5 21,9 5 26,1	60.1 N P PP S E LQ LR	146.7 O VS VL NL NL EL EG	.001	67.81 344.93 68.6	USCGS C
253	04	08 40 29.8 8 51 8 54 9 01 9 06 9 14,3 9 17,6 9 25,6	56.5 N P PP S SS LQ LR LM	152.6 O VS NL EG EG EL VL EL	.000	72.19 346.95 72.3	USCGS C
254	04	09 10 55.1 9 22 19 9 22 19 9 22 25 9 31 44 9 41,8 9 45,6 9 51,3	56.9 N P E I S LQ LR LM	152.7 O VS NS VL NL EL VL EL	.000	71.81 347.11 72.7	USCGS C
255	04	17 46 08.6 17 57 35 17 57 35 17 57 42 18 00 17	56.3 N P I *PP PP	154.4 O VS NL VS VL	.000 .0	72.63 347.91 73.3	USCGS C

		18 07 01	S	EL					
		18 07 13	*SS	VL					
		18 07 19	I	VL					
		18 08 09	E	EG					
		18 11 42	SS	EL					
		18 14,8	LR	EL					
		18 18,8	LM	EL					
		18 24,4	MR	VL					
		18 29,9	M	NL					
256	04	17 59 43.3	56.4 N	154.5 0	.000	72.55	347.99		USCGS
		18 11 09	P	VS		71.6		C	
		18 20 28	S	EG					
		18 20 50	E	NS					
257	04	18 15 52.4	56.2 N	154.5 0	.000	72.74	347.94		USCGS
		18 27 19	P	VS					
258	04	22 16 54.5	59.4 N	145.2 0	.000	68.21	343.90		USCGS
		22 27 57	P	VS		68.6			
		22 36 59	S	NL					
		22 49,7	LR	VL					
		22 55,4	LM	EG					
		22 59,5	MR	VL					
259	05	01 22 13.3	56.2 N	153.5 0	.000	72.61	347.37		USCGS
		1 33 38	P	VS	.0	73.5			
		1 33 45	*PP	VS					
		1 36 21	PP	VL					
		1 43 06	S	EL					
		1 43 20	*SS	VG					
		1 47,2	LR	VL					
		1 51,3	LM	EG					
		2 00,7	LM	VL					
		2 06,3	MR	VL					
260	05	01 41 45.0	56.2 N	153.3 0	.000	72.58	347.26		USCGS
		1 53 11	P	VS					
		1 56 02	/PP/	VG					
		2 47,1	LM	VG					
261	05	11 18 38.9	41.9 S	083.7 0	.000	119.53	239.16		USCGS

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AVRIL

		12 17,4	LM	VL					
262	05	17 40 43.1 18 20,3	56.3 N LM	152.9 O VL	.000	72.42	347.06	USCGS	
263	05	19 28 18.1 19 39 16 19 39 16 19 48 20 19 48 38 19 52 46 19 59,0 20 06,5	60.2 N P E S E SS LR LM	146.7 O VL NG NL VL NL EL EG	.000	67.71 68.0	344.96	USCGS C	
264	06	10 42 36.3 10 53 38 11 18,2 11 22,1	59.9 N P LR LM	145.6 O VS EL NL	.000	67.81	344.29	USCGS	
265	06	16 10 52.2 16 23 04 16 55,8	45.2 N P LM	150.9 E VS NL	.000	80.75	23.42	USCGS	
266	06	17 35 50.6 17 46 57	59.9 N E	147.8 O VS	.000	68.18	345.42	USCGS	
267	06	22 57 53.3 23 43,4	57.1 N LM	153.3 O NL	.000	71.70	347.50	USCGS	
268	07	01 43 28.7 2 17,3	58.5 N LM	154.5 O NL	.000	70.50	348.53	USCGS	
269	07	04 54 42.0 5 05 59	58.1 N P	157.4 O VS	.000	71.24	350.01	USCGS	
270	07	13 18 18.9	00.1 N	123.2 E	.018	107.80	67.26	USCGS	

		13 36 57	PKP	VS					
		13 48 13	E	VL					
		14 00,8	LR	VL					
		14 12,5	LM	EL					
271	07	17 50 09.4	02.2 N	083.2 O	.000	86.85	269.72		USCGS
		18 36,4	LM	EL					
272	07	19 28 24.7	55.7 N	151.9 O	.000	72.85	346.33		USCGS
		19 39 54	P	VS					C
273	08	02 04 06.5	46.1 N	152.8 E	.001	80.38	21.83		USCGS
		2 16 26	P	VS					
		2 46,1	LR	NL					
		2 52,2	LM	EL					
274	08	08 08 11.8	06.8 S	068.9 E	.000	79.13	114.36		USCGS
		8 41,4	LM	EL					
275	08	10 59 09.1	45.8 N	150.8 E	.001	80.16	23.27		USCGS
		11 10 17	P	VS		79.0			
		11 20 16	S	NG					
		11 20 30	SKS	EG					
		11 25 48	/SS/	EL					
		11 31,3	LQ	EL					
		11 33,8	LR	VL					
		11 41,3	LM	VG					
		11 42,5	MR	NL					
276	08	14 12 33.0	35.3 N	024.3 E	.011	20.60	128.40		BCIS
		14 17 06	P	VL					C
		14 17 06	P	ES					
		14 17 06	P	NS					
		14 17 17	I	VL					
		14 17 27	E	VS					
		14 21 04	E	NG					
		14 23,8	LM	NL					
277	08	18 58 50.5	56.9 N	149.9 O	.000	71.39	345.56		USCGS
		19 10 18	P	VS					

19 33,2

LM

VL

278	08	19 33 19.0 19 44 20 19 06,1 19 10,1	59.6 N P LR LM	147.0 0 VS VL EL	.000	68.33 344.90	USCGS
279	09	04 07 59.0 4 55,3	13.6 N LM	090.2 0 VL	.003	82.71 282.38	USCGS
280	09	13 06 15.2 13 17 15 13 26 16 13 26 30 13 38,8	59.6 N P S E LR	146.1 0 VS EL VL EL	.000	68.18 344.44	USCGS
281	09	21 54 42.1 22 39,4	18.5 S LM	071.5 0 EL	.001	95.32 247.71	USCGS
282	10	01 08 00.2 1 19 13 1 29 25 1 41,3	58.4 N P S LM	150.6 0 VS EL EL	.000	70.06 346.40	USCGS C
283	10	19 05 52.6 19 16 54 19 35,8	59.7 N P LM	148.2 0 VS EL	.000	68.44 345.56	USCGS
284	10	21 44 06.7 21 55 12 22 04 18 22 13,5 22 21,8	60.1 N P S LR LM	153.7 0 VS EL EL NG	.000	68.85 348.53 69.2	USCGS
285	11	01 04 30.2 1 24 29	29.0 S PKP	178.9 0 VS	.042	158.77 8.48	USCGS

286	11	09 23 51.5 9 58,5	56.4 N LM	152.2 O VL	.000	72.22 346.69	USCGS
287	11	12 16 41.1 12 55,5	56.6 N LM	151.0 O NL	.000	71.85 346.08	USCGS
288	11	16 00 39.0 16 04 42 16 04 52 16 07 56 16 08 08 16 08,7 16 10,2	40.0 N P /PP/ S /SS/ LR MR	025.3 E VS EG NL VL NL NL	.000	17.72 116.82 17.5	BCIS
289	12	01 24 31.2 1 35 54 1 38 36 1 45 12 1 45 18 1 45 34 1 45 45 1 46 04 1 49 56 1 53 06 1 53 58 1 58,4 2 05,0 2 06,8 2 09,1	56.6 N P PP S E E PS /PPS/ SS /SSS/ E LR LM MQ MR	152.2 O VS VL EG EG NG VG VL EL EL VL NG VL NL NL	.000	72.03 346.75 72.0	USCGS
290	12	09 34 44.1 9 46 08 10 12,2	56.6 N P LM	152.1 O VS VL	.000	72.02 346.69	USCGS
291	12	11 10 54.8 11 30 48	33.9 S PKP	179.8 O VS	.009	163.49 12.96	USCGS
292	12	12 06 01.3 12 11 59 12 26,8	42.6 N P LM	045.2 E VS NL	.000	28.73 89.34	USCGS

293	12	12 48 02.2 12 59 22 13 19,7 13 30,9	56.6 N P LM LM	151.3 O VS EL NG	.000	71.89 346.25	USCGS
294	12	17 22 02.2 17 32 58 17 54,1	60.2 N P LM	145.6 O VS VL	.000	67.53 344.40	USCGS
295	13	06 23 34.1 6 42 19	19.5 S E	177.7 O VS	.085	149.44 4.26	USCGS
296	13	08 30 05.0 8 32 30 8 32 41 8 34 28 8 34 52 8 35,1 8 35,7 8 36,8	45.3 N P PP S SSS LR MR MR	018.2 E VS VS EG EG VG EG VG	.000	10.35 112.42 10.3	BCIS
297	13	12 25 36.0 12 36 36 12 37 00 12 39 31 12 46 04 12 47 02 12 51 10 12 54,8 12 57,8 13 02,5 13 04,4	59.4 N P E /PP/ S E /SS/ LQ LR LM MR	143.9 O VS VL NL EG EL NL EL VL NG VL	.001	67.97 343.23 73.2	USCGS
298	13	16 14 06.3 16 25 30 16 53,8	56.6 N P LM	152.1 O VS VL	.000	72.02 346.69	USCGS
299	13	21 25 33.0 21 36 48	57.5 N P	153.9 O VS	.000	71.40 347.94	USCGS
300	13	21 43 16.5	59.4 N	143.1 O	.000	67.82 342.82	USCGS

22 1,99				LM	VL				
301	14	01 04 1 16	28.8 22	49.4 N P	155.5 E VS	.004	77.87	18.97	USCGS
302	14	06 35 6 38	30.1 27	39.0 N P	014.5 E VS	.043	13.14	143.86	USCGS
303	14	08 58 9 18	41.9 19	17.5 S PKP	167.9 E VS	.000	144.81	28.41	USCGS
304	14	15 55 16 06 16 28,5	10.9 02	61.3 N P LM	147.3 O VS VL	.000	66.77	345.66	USCGS
305	14	22 29 22 40	31.1 30	59.9 N P	145.6 O VS	.000	67.81	344.29	USCGS
306	14	22 55 23 06 23 06 23 06 23 15 23 16 23 25,7 23 29,3	31.3 45 51 55 57 08	58.0 N P *PP *SP S *SS LQ LM	152.6 O VS VG VS EL NG EL VL	.000 .0	70.73 70.7	347.36	USCGS
307	15	15 30 15 42 15 42 15 44 15 51 15 56 15 57 16 00,7 16 06,2	47.1 10 22 53 34 12 40	56.5 N P *PP PP S /SS/ E LR LM	154.4 O VS VL VL EL EL NG VL NG	.000 .000	72.44 73.0	347.96	USCGS C
308	16	01 04	34.5	37.0 N	142.7 E	.001	85.79	32.42	USCGS

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AVRIL

1	17	10	P	VL	84.0
1	27	34	S	EL	
1	43,5		LQ	EL	
1	47,0		LR	NL	
1	51,3		M	NL	

309	16	02 35	48.9	21.5 S	170.5 E	.012	149.36	26.43	USCGS
		2 55	25	P	VS				C
		2 55	26	P	NS				
310	16	06 21	32.3	45.1 N	151.3 E	.000	80.95	23.19	USCGS
		6 33	44	P	VS				
311	16	13 43	08.9	52.1 N	169.4 O	.000	78.15	356.22	USCGS
		13 55	06	P	VS				
312	16	19 26	57.4	56.4 N	152.9 O	.000	72.33	347.09	USCGS
		19 38	21	P	VG		72.5		C
		19 38	21	P	NG				
		19 41	06	PP	VL				
		19 47	45	S	EL				
		19 48	00	E	EG				
		19 48	16	PS	EL				
		19 52	26	SS	EL				
		19 56	24	E	EG				
		19 58,3		LQ	EL				
		20 00,5		LR	VL				
		20 10,8		MQ	EG				
		20 12,8		MR	VL				
313	17	04 44	37.0	22.5 S	010.8 O	.000	73.47	194.83	USCGS
		4 56	08	P	VS				
314	17	04 49	30.5	56.4 N	152.9 O	.000	72.33	347.09	USCGS
		5 00	55	P	VL		72.7		C
		5 03	36	PP	VL				
		5 10	20	S	EG				
		5 15	04	SS	EL				
		5 24,2		LR	EG				
		5 36,0		MR	NL				

315	17	06 00 00.2 6 19 01 6 55,6	06.6 S PKP LM	154.9 E VL NL	.008	130.02	39.99	USCGS
316	17	09 09 07.8 9 20 23 9 50,6	57.7 N P LM	151.4 O VS VL	.000	70.85	346.62	USCGS
317	18	05 27 44.6 5 39 55 5 50 10 6 03,6 6 12,2	45.5 N P E LR LM	151.1 E VS EL VL VL	.000	80.52	23.18	USCGS
318	18	07 58 26.9 8 48,7 8 53,3	29.0 N LR LM	129.8 E VL VL	.000	87.53	45.76	USCGS
319	18	20 08 19.7 20 19 49 20 29 14 20 41,8 20 46,2	56.1 N P S LQ LR	153.7 O VS EL NL VL	.000	72.73	347.46	USCGS
320	18	20 16 16.3 20 27 44 20 30 05 20 37 02 20 53,7 21 00,0	56.1 N P E S LR LQ	153.7 O VL VL EG VL VL	.000	72.73 71.4	347.46	USCGS
321	19	03 44 55.0 4 04 53	55.1 S PKP	128.5 O VS	.000	151.40	241.63	USCGS
322	19	14 32 52 14 43 28 14 49 14 15 00,0 15 02,2	P S SS LQ LR	VS EL EG EL VL		86.5		

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		15 13,1	MR	VL					
323	20	03 34 45.1 3 45 28 3 45 38 4 11,2	59.7 N P E LM	144.6 O VS ES NL	.000	67.82	343.70		USCGS
324	20	11 56 41.6 12 07 30 12 07 30 12 07 45 12 09 55 12 16 19 12 16 35 12 24,4 12 29,0	61.4 N P P E PP S PS LQ LM	147.3 O VS NS VL VG NG NG EL NG	.000	66.68 65.6	345.70	D	BCIS
325	20	12 35 39 12 36 12 12 45 35	P E S	VS VG EG		74.7			
326	20	13 43 40.5 14 36,8	07.3 S LM	128.1 E NL	.015	116.63	67.80		USCGS
327	20	15 40 28.0 15 51 02	61.5 N P	147.3 O VL	.000	66.58	345.74		USCGS
328	20	16 18 26.4 16 29 20 16 52,9 17 11,5	60.7 N P LR LM	145.3 O VS VL NG	.000	67.00	344.44		USCGS
329	20	18 37 34.2 18 42 10	35.2 N P	024.5 E VS	.007	20.78	128.21		USCGS
330	21	05 01 35.7 5 12 15	61.5 N P	147.4 O VL	.001	66.60	345.78		USCGS

		5 12 24	E	VS					
		5 14 38	E	NS					
		5 21 15	E	VL					
		5 29 00	E	EL					
		5 30,5	LM	EL					
331	22	09 46 54.2	56.1 N	034.9 O	.000	24.22	299.63		USCGS
		9 52 17	P	VS		23.6			
		9 52 50	PP	ES					
		9 56 29	S	EL					
		9 57,1	LQ	NL					
		9 58,4	LR	VL					
		9 59,8	M	EL					
332	22	19 37 53.2	16.1 S	173.4 O	.000	146.07	356.55		USCGS
		19 57 45	PKP	VS					
333	22	20 01 10.5	50.6 N	007.3 E	.000	1.81	72.73		BCIS
		20 01 43	PN	VS		1.7			
		20 02 06	SN	VS					
334	23	01 31 40.3	06.7 S	155.0 E	.006	130.15	39.93		USCGS
		2 29,2	LR	EL					
		2 39,3	LM	EG					
335	23	03 32 50.3	05.3 S	134.0 E	.000	118.46	61.11		USCGS
		3 48 03	P	VL		120.			
		3 48 13	E	VL					
		3 50 27	E	VL					
		3 51 04	E	VL					
		3 51 38	PKP	VS					
		3 51 39	PKP	ES					
		3 52 57	E	EL					
		3 53 09	PP	VL					
		3 55 37	PPP	VL					
		3 58 29	SKS	EG					
		3 59 19	E	VG					
		3 59 51	E	EL					
		4 00 15	E	EL					
		4 01 21	E	EL					
		4 01 43	E	VL					
		4 01 53	E	EG					
		4 02 32	E	EL					
		4 02 57	PS	EL					

4 03 43	E	EL
4 04 03	E	NL
4 06 17	E	EL
4 09 15	E	NL
4 14 09	SSS	NL
4 16 59	E	VL
4 22,3	LQ	NL
4 27,9	LR	VL
4 36,3	MQ	EL
4 41,7	MR	VL
5 25,2	W2	VG

336	23	14 23 43.2	36.9 N	037.9 E	.004	27.27 106.15	USCGS
		14 29 26	P	VS			
		14 34 29	S	EL			
		14 35,8	LQ	NL			
		14 39,7	LR	VL			

337	23	14 56 30.9	57.3 N	151.9 O	.000	71.31 346.78	USCGS
		15 07 50	P	VS			
		15 07 57	E	VS			
		15 38,3	LM	VL			

338	23	21 08 42.0	52.7 N	160.9 E	.000	75.72 14.62	USCGS
		21 48,1	LM	EL			

339	24	00 42 33.9	52.7 N	160.9 E	.000	75.72 14.62	USCGS
		1 24,1	LQ	EL			
		1 30,6	LM	NL			

340	24	03 51 05.0	59.5 N	144.5 O	.000	67.99 343.58	USCGS
		4 02 03	P	VS		68.3	
		4 11 04	S	EG			
		4 11 33	PS	VL			
		4 15 35	SS	NL			
		4 21,2	LQ	EL			
		4 24,9	LR	VL			

341	24	05 56 10.1	05.1 S	144.2 E	.011	123.76 50.96	USCGS
		6 14 57	PKP	VG		74.3	
		6 15 02	E	VS			
		6 15 25	*PPKP	VL			

		6 16 47	PP	VS					
		6 17 04	/*PPP/	VG					
		6 17 22	E	VS					
		6 17 42	E	VL					
		6 22 45	PPP	EG					
		6 24 31	S	EL					
		6 25 15	E	VL					
		6 26 18	E	EG					
		6 27 08	E	EG					
		6 27 33	E	NG					
		6 28 36	E	EG					
		6 29 03	E	NG					
		6 33 29	SS	EG					
		6 36 31	E	NL					
		6 39 03	E	VL					
		6 41,6	LQ	EL					
		6 45,5	LR	EG					
		6 55,3	LM	VG					
		6 55,7	MQ	EL					
		7 04,7	MR	VL					
342	24	14 40 28.3	13.3 N	088.8 O	.020	82.05	281.14		USCGS
		14 52 30	P	VS					
		14 55 48	E	VS					
		15 02 29	S	NL					
		15 16,6	LM	NL					
343	25	01 11 44.3	37.8 N	030.0 E	.002	21.91	114.42		USCGS
		1 22,4	LM	EL					
344	25	09 43 30.7	59.9 N	144.9 O	.000	67.69	343.93		USCGS
		9 54 27	P	VS					
		10 17,8	LM	VL					
345	25	12 44 21.0	36.5 N	028.1 E	.000	21.73	119.77		BCIS
		12 49 09	P	VS		20.9			
		12 49 18	E	VL					
		12 52 58	S	EL					
		12 54,7	LM	NL					
346	25	18 37 58.1	24.4 N	125.3 E	.000	89.20	51.63		USCGS
		18 51 02	P	VL					
		19 16,5	LM	NL					

347	26	01 31 1 36	55.0 44	34.8 N P	026.1 E VS	.006	21.91	126.08	USCGS
348	26	14 52 15 11	07.6 05	20.6 S PKP	178.0 O VS	.072	150.51	4.94	USCGS
349	26	22 34 23 29,8	48.6	60.4 S LM	024.6 O NL	.000	112.55	195.21	USCGS
350	27	06 44 7 04 7 04 7 05 7 07 7 09 7 26 7 26 7 28 7 36 7 41,0 7 48,8 8 00,2 8 07,2 8 08	25.1 50 57 06 31 18 15 46 42 18 08,9	60.1 S PKP E E E E E E E E LQ LR LM LM MR	151.0 E VS VS VG VG VG EG VL NL EL NL VL NL NL VL	.000	158.48	130.66	USCGS
351	27	12 07 12 33,6	53.0	04.0 N LM	031.1 O VL	.000	54.87	225.34	BCIS
352	29	02 11 2 53,2	36.6	32.4 N LM	129.0 E VL	.000	84.30	44.55	USCGS
353	29	04 21 4 25 4 25 4 25 4 28 4 28 4 28 4 28 4 29,1 4 29,7 4 30,3 4 30,8	07.0 07 21 29 21 31 54 1 7 3 8	39.1 N P PP PPP S I SSS LQ LR MQ MR	023.8 E VS NL NL EL NL NG NL VG EL EL	.000	17.49 17.5	121.62	BCIS C

354	29	17 00 02.0	39.1 N	023.8 E	.000	17.49	121.62	BCIS
		17 04 03	P	VS		17.5		
		17 04 15	P	VS				
		17 04 27	PPP	NS				
		17 07 17	S	EL				
		17 07 27	E	NL				
		17 07,9	LQ	EL				
		17 08,7	LR	VL				
		17 09,6	MQ	EL				
		17 10,3	MR	VL				
355	29	17 37 43.1	58.2 S	015.7 O	.000	109.12	191.22	USCGS
		18 23,2	LM	EL				
356	30	03 49 57.6	58.9 N	139.0 O	.000	67.45	340.50	USCGS
		4 19,7	LM	EL				
357	30	16 03 31.4	04.6 S	153.2 E	.007	127.50	40.89	USCGS
		16 22 30	PKP	VS				
		16 23 34	E	VL				
		16 34 46	E	EL				
		16 42 19	E	NL				
		16 56,0	LQ	NL				
		17 04,3	LR	VL				
		17 14,3	MR	VL				
358	01	06 01 55.4	60.5 N	145.6 O	.000	67.24	344.52	USCGS
		6 12 50	P	VS		67.6		C
		6 13 21	PCP	VS				
		6 21 46	S	EL				
		6 21 58	E	EG				
		6 22 14	PS	NG				
		6 26 14	SS	NL				
		6 29 36	E	EL				
		6 34,2	LR	EL				
		6 39,5	LM	NL				
		6 42,1	MR	VL				
359	02	16 11 00.2	45.5 N	150.3 E	.000	80.32	23.71	USCGS
		16 23 08	P	VL		78.5		C
		16 23 10	P	VS				C
		16 23 10	P	EG				

16	23	10	P	NL
16	23	20	PCP	NG
16	26	06	PP	VG
16	29	24	E	NG
16	33	04	S	NG
16	33	20	SKS	ES
16	33	28	SCS	VL
16	34	46	PS	EG
16	34	18	E	EL
16	38	01	SS	NG
16	44,1		LQ	EL
16	48,1		LR	EL
16	54,9		MR	EL

360	04	17 05 20.0	55.8 S	004.4 O	.000	105.70	185.26	USCGS
		17 38 59	E	EL				
		17 47,1	LM	EL				

361	05	08 01 48.4	45.5 N	150.1 E	.001	80.26	23.84	USCGS
		8 13 57	P	VS				
		8 25 06	E	NL				
		8 36,5	LQ	NL				
		8 44,6	LR	VL				

362	06	04 44 13.0	57.5 N	149.3 O	.000	70.71	345.41	USCGS
		5 13,4	LM	EL				

363	06	15 26 35.5	56.7 N	152.1 O	.000	71.92	346.72	USCGS
		15 38 00	P	VS				
		15 40 43	PP	VS				
		15 47 24	S	NL				
		15 51 52	E	EL				
		15 57,4	LQ	EL				
		16 00,6	LR	VL				
		16 09,1	MQ	NL				
		16 12,3	MR	VL				

364	07	00 34 57.2	18.2 S	176.6 O	.042	148.18	2.15	USCGS
		54 06	E	VL				

365	07	03 49 53.8	04.6 S	153.5 E	.003	127.63	40.55	USCGS
		4 36,0	LM	EL				

366	07	05 45	30.0	03.9 S	034.9 E	.000	59.74	144.37		BCIS
		5 55	34	P	VG		59.7		D	
		5 55	34	P	EL					
		5 55	34	P	NG					
		5 57	48	PP	EG					
		5 59	17	PPP	EG					
		5 59	31	E	NG					
		6 03	44	S	NG					
		6 04	03	PS	EG					
		6 04	14	PPS	VG					
		6 07	44	SS	NL					
		6 10,3		LQ	EL					
		6 14,4		LR	VG					
		6 18,7		MQ	EL					
		6 24,1		MR	VG					
367	07	07 58	14.3	40.4 N	139.0 E	.000	81.46	33.49		USCGS
		8 10	28	P	ES		81.6			
		8 10	29	P	VS				C	
		8 10	29	P	NL					
		8 10	30	P	EL					
		8 10	48	E	VL					
		8 13	40	PP	VG					
		8 15	28	PPP	VL					
		8 17	00	E	VL					
		8 20	40	S	EL					
		8 21	24	E	NG					
		8 21	41	E	NG					
368	07	11 11	04.9	30.6 N	137.7 E	.068	89.59	39.02		USCGS
		11 23	10	E	ES					
369	07	20 12	49.3	40.5 N	139.0 E	.000	81.37	33.44		BCIS
		20 25	05	P	VG				C	
		20 25	09	P	VS				D	
		20 25	09	P	EL					
		20 25	09	P	NL					
		20 25	13	PCP	NS					
		20 26	14	E	VS					
		20 28	15	PP	VL					
		20 30	08	/PPP/	VG					
		20 31	32	/PPPP/	NL					
		20 35	17	S	EL					
		20 35	23	SKS	NG					
		20 36	07	PS	VG					
		20 40	33	E	EL					

		20 42 03	E	VL					
		20 44 40	E	NL					
		20 47,1	LQ	EL					
		20 51,4	LR	VL					
		20 56,5	MQ	EL					
		20 59,1	MR	VL					
370	08	16 21 49.8	56.7 N	154.0 0	.000	72.19	347.79		USCGS
		16 33 14	P	VS		72.5		C	
		16 36 06	/PP/	NG					
		16 42 37	S	EL					
		16 47 20	SS	EL					
		16 53,1	LQ	EL					
		16 56,7	LR	VL					
		17 00,0	MR	VL					
371	08	21 34 40.6	60.8 N	143.6 0	.000	66.61	343.63		USCGS
		21 45 27	P	VS					
		21 45 34	E	VS					
		22 01,9	LR	VL					
		22 08,2	LM	EG					
372	08	21 59 21.9	71.1 N	006.2 0	.000	21.68	350.48		USCGS
		22 04 11	E	VS					
		22 04 30	E	VS					
373	08	23 40 44.1	52.2 N	169.5 0	.000	78.05	356.29		USCGS
		23 52 46	P	VS		79.8		C	
		24 02 49	S	EL					
		24 11,4	LR	VL					
		24 23,5	LM	NL					
374	09	02 02 28.8	52.2 N	169.6 0	.000	78.06	356.35		USCGS
		2 14 28	P	VS		79.0			
		2 24 27	S	EL					
		2 35,4	LQ	EL					
		2 45,1	LM	VL					
375	09	13 48 05.3	08.1 N	123.2 E	.004	101.41	62.49		USCGS
		14 36,6	LM	NL					

376	09	18 16 17.5 18 35 46	13.7 S E	166.6 E VS	.001	140.84	28.39	USCGS
377	11	02 17 01.5 2 57,7	60.8 N LM	142.2 O VL	.000	66.35	342.94	USCGS
378	11	06 07 41.5 6 15 54 6 32,8	28.3 N P LM	057.4 E VS VL	.005	45.23	98.43	USCGS
379	11	14 39 04.0 14 58 57 16 00,6	22.5 S PKP LM	175.8 O VS VL	.003	152.47	.79	USCGS
380	12	10 02 27.1 10 22 18	19.9 S PKP	173.9 O VS	.000	149.86	357.18	USCGS
381	12	18 16 41.9 18 28 09 18 28 15 18 30 49 18 37 32 18 38 16 18 42 10 18 45 36 18 47,9 18 51,3 18 59,0 19 02,4	56.6 N P E PP S E SS E LQ LR MQ MR	152.4 O VS VG VL EG EL EL EL EG NG NL VL	.000	72.06	346.86 71.9	USCGS
382	12	18 17 07.7 18 36 56	19.9 S PKP	173.9 O VS	.000	149.86	357.18	USCGS
383	13	05 25 26.1 5 45 27 5 49 45 6 01 03 6 10 25 6 12 58 6 17 01	32.8 S PKP /PP/ E /SSP/ E E	178.3 O VS NL VG EG VL NL	.000	162.59 158.5	8.17	USCGS

6 33,4	LQ	EL
6 42,9	LR	VL
6 46,7	LM	NL
6 56,2	MR	VL

384	13	13 46 22.0	35.4 N	001.9 O	.000	15.43	200.32	BCIS
		13 49 57	P	VS				
		13 53,3	LQ	EL				
		13 56,4	LR	VL				

385	14	15 00 00.0	48.7 N	005.7 E	.000	1.57	152.24	BCIS
		15 00 30,1	PN	VS		1.45		
		15 50,6	SG	VS				

386	15	10 50 21.0	03.5 S	149.1 E	.002	124.72	44.85	USCGS
		11 27 50	E	NL				
		11 28 16	E	VL				
		11 41,0	LQ	NL				
		11 48,1	LR	VL				
		11 59,6	LM	EG				

387	16	06 00 58.0	49.7 N	078.0 E	.000	45.50	60.79	BCIS
		6 09 20	P	VS				C

388	16	08 38 54.0	36.3 N	071.5 E	.014	49.09	79.54	USCGS
		8 47 30	P	VS				

389	16	14 44 54.0	57.6 N	151.1 O	.000	70.90	346.43	USCGS
		15 19,3	LM	VL				

390	16	16 07 46.2	32.8 S	178.3 O	.000	162.59	8.17	USCGS
		16 27 57	PKP	VS	.04	164.		
		16 29 09	*PPKP	VL				
		16 32 04	E	VG				
		16 32 38	PP	VL				
		16 38 24	E	VL				
		16 44 10	E	EG				
		16 45 59	/SPP/	VG				
		16 52 40	SS	EL				
		17 29,0	LM	NL				

		17 38,5	MR	NL						
391	17	00 50 17.9	59.4 N	142.7 O	.000	67.74	342.61			USCGS
		1 00 16	P	VL		68.2			C	
		1 03 45	PP	VG						
		1 10 16	S	EL						
		1 11 26	E	EL						
		1 15 08	E	NL						
		1 18 46	E	VL						
		1 20,3	LQ	EL						
		1 22,8	LR	VL						
		1 27,5	LM	VG						
		1 27,6	MQ	EL						
		1 31,9	MR	VL						
392	17	04 41 44.0	53.9 N	159.7 O	.000	75.63	350.48			USCGS
		4 53 31	P	VS		76.4				
		5 03 16	S	VL						
		5 17,8	LR	NL						
393	17	19 26 20.0	35.0 N	035.0 O	.000	32.41	257.48			BCIS
		19 32 53	P	VL		32.6			D	
		19 32 56	P	VS					C	
		19 34 01	PP	VL						
		19 38 09	S	VL						
		19 40,2	LQ	NG						
		19 41,5	LR	VL						
		19 42,3	MQ	NL						
		19 43,9	MR	VL						
394	18	14 12 10.1	21.2 S	174.5 O	.000	151.17	358.25			USCGS
		14 31 56	PKP	VS						
		14 32 03	E	VS						
		14 32 15	E	VS						
		15 29,7	LM	NL						
395	19	06 09 05.0	77.8 N	019.0 E	.000	28.37	6.40			BCIS
		6 16 12	P	VS						
		6 20 03	E	EG						
		6 21,3	LM	EL						
396	19	10 39 24.8	45.5 N	150.3 E	.000	80.32	23.71			USCGS

		11 11,3		LQ	NL				
		11 17,2		LR	EL				
		11 21,3		LM	VL				
397	19	15 37 35.9		57.0 N	152.8 0	.000	71.73	347.20	USCGS
		15 48 57		P	VS		72.7		
		15 58 22		S	NL				
		16 03 03		SS	NL				
		16 11,8		LR	VL				
398	19	23 03 41.8		00.7 S	080.2 0	.003	87.12	265.57	USCGS
		23 16 23		P	VL		87.0		
		23 16 31		E	VS				
		23 16 39		I*SP	EL				
		23 19 22		E	VG				
		23 26 25		E	EL				
		23 26 48		SKS	EG				
		23 27 00		S	EG				
		23 27 10		*SSKS1	EL				
		23 27 41		E	EL				
		23 31 41		E	EL				
		23 39,8		LQ	NL				
		23 42,9		LR	VL				
		23 47,8		MR	VL				
399	19	23 22 04.0		48.3 N	154.4 E	.003	78.68	20.03	USCGS
		23 34 01		P	VS				
400	20	06 01 14.8		02.7 S	139.3 E	.005	119.20	54.45	USCGS
		6 19 57		PKP	VS				
		6 21 23		E	VL				
		6 31 13		S	NL				
		6 38 00		/SS/	NL				
		6 50,0		LQ	EG				
		6 58,6		LR	VL				
		7 06,5		LR	EG				
401	21	15 36 01.5		59.0 N	153.5 0	.000	69.89	348.13	USCGS
		15 47 18		P	VS		69.2		
		15 56 24		S	EL				
		15 57 16		SCS	NG				
		16 00 52		SS	EL				
		16 04,1		LQ	EL				
		16 08,2		LR	VL				

		16 14,1		LM	NG				
402	21	22 32 33.9		17.5 N	083.9 O	.000	75.81	280.30	USCGS
		22 44 19		P	VS		75.7		
		22 54 00		S	EL				
		23 04,2		LQ	NL				
		23 07,9		LR	VL				
		23 15,8		LM	EG				
403	22	12 11 49.3		41.9 N	112.1 W	.000	72.87	315.81	USCGS
		13 16,7		LR	VL				
		13 30,8		LM	EL				
		13 35,2		LM	VL				
404	23	00 17 07.5		14.6 N	056.3 E	.000	54.66	111.39	USCGS
		26 36		P	VS				C
		26 43		E	ES				
		43,1		LM	VL				
405	24	04 13 05.3		22.6 S	174.1 O	.000	152.55	357.38	USCGS
		4 32 54		PKP1	VS	.0	151		
		4 33 01		*PPKP1	VS				
		4 33 11		PKP2	VL				
		4 33 22		*PPKP2	EL				
		4 36 42		PP	NL				
		4 40 07		/PPP/	NG				
		5 25,2		LR	VL				
406	24	10 31 24.1		34.3 N	141.1 E	.000	87.63	34.77	USCGS
		10 44 09		P	VS	.00	88.7		
		10 44 21		*PP	VL				
		10 44 30		I	EL				
		10 47 40		PP	VL				
		10 54 39		SKS	NG				
		10 54 51		S	NL				
		10 54 57		*SSKS	EL				
		11 00 23		E	NL				
		11 02 09		E	EL				
		11 09,5		LQ	NL				
		11 18,4		LR	VL				
		11 19,7		MR	NL				
407	25	19 44 07.0		09.1 S	088.9 E	.000	93.19	100.16	USCGS

19 57 21	P	VS	93.0
20 01 06	PP	VL	
20 07 53	SKS	EG	
20 08 26	S	EG	
20 08 46	E	EL	
20 09 38	/PS/	NL	
20 14 42	SS	EL	
20 21,9	LQ	NL	
20 27,5	LR	VL	

408	26	10 59 12.3	56.2 S	027.8 0	.014	109.20	198.50	USCGS
		11 13 34	E	VL	.010	109.0		
		11 13 34	E	NG				
		11 13 35	E	EG				
		11 13 46	E	VS				
		11 13 50	E	VS				
		11 14 02	*PP	VS				
		11 14 29	E	VG				
		11 16 36	E	VS				
		11 17 09	E	VL				
		11 18 05	PP	VS				
		11 18 27	E	NG				
		11 18 37	E	NS				
		11 24 01	E	EL				
		11 24 11	SKS2	ES				
		11 25 00	*SSKS1	EG				
		11 25 43	E	EG				
		11 26 26	E	VG				
		11 27 08	SP	VG				
		11 27 22	PS	NS				
		11 27 38	E	EG				
		11 28 01	E	EG				
		11 28 12	SPP	NG				
		11 28 22	/PPS/	EG				
		11 29 44	E	EG				
		11 33,3	/SS/	EG				
		11 43,8	LQ	EG				
		11 51,0	LR	VG				
		11 56,1	LM	EG				

409	27	00 56 42.5	56.1 S	027.6 0	.011	109.07	198.42	USCGS
		1 15 12	P	VS				
		1 22 21	E	NG				
		1 23 06	E	EL				
		1 24 02	E	EG				
		1 24 45	E	VG				
		1 25 28	E	NG				
		1 30,6	LQ	EL				
		1 35,0	LR	VL				
		1 41,5	LM	EG				

		1 53,3	MR	EL					
410	28	01 56 58.9	24.5 N	122.0 E	.001	87.42	54.06		USCGS
		2 20 08	E	NL					
		2 20 26	E	EL					
		2 26 12	E	EL					
		2 36,8	LQ	NL					
		2 40,3	LR	VL					
411	28	12 33 10.2	00.8 S	024.7 O	.000	56.51	215.89		USCGS
		12 42 52	P	VS					
		12 45 01	PP	VL					
		12 50 50	S	NL					
		12 56,3	LQ	NG					
		12 58,6	LR	VL					
412	28	16 18 04.2	58.3 N	150.6 O	.000	70.15	346.37		USCGS
		16 51,6	LR	NL					
		17 00,2	LM	VL					
413	28	20 52 06.0	46.8 N	009.5 E	.000	4.64	133.43		BCIS
		20 53 21	PN	VS		4.1			
		20 53 51	E	NS					
		20 54 01	E	VS					
		20 54 11	SN	NG					
		20 54 21	S*	VG					
		20 54 26	E	VS					
		20 54 33	SG	NL					
414	29	03 34 51.8	60.1 N	146.5 O	.000	67.78	344.83		USCGS
		4 07,0	LM	VL					
415	29	05 08 02.2	44.7 N	149.4 E	.003	80.82	24.61		USCGS
		5 20 13	P	VS		82.6			
		5 30 30	S	EL					
		5 43,6	LQ	EL					
		5 49,5	LR	VL					
416	29	09 04 27.1	56.2 S	027.7 O	.000	109.18	198.44		USCGS
		9 57,7	LM	VL					

417	29	10 17	34.5	60.2 N	146.3 O	.000	67.65	344.76	USCGS
		10 28	34	P	VL				
		10 37	34	S	EG				
		10 41	58	SS	NG				
		10 47,6		LQ	EL				
		10 52,0		LR	NG				
418	30	03 18	08.3	59.5 N	148.5 O	.000	68.67	345.64	USCGS
		3 50,3		LM	VL		86.3		
419	30	14 30	45.3	36.2 N	141.1 E	.003	85.94	33.93	USCGS
		14 43	20	P	VG				C
		14 43	21	P	VL				
		14 43	35	E	VS				
		14 46	42	PP	VG				
		14 53	46	SKS	EG				
		14 53	52	S	VG				
		14 54	52	PS	NL				
		14 55	05	E	EL				
		14 59	44	/SS/	EL				
		15 06,5		LQ	NL				
		15 09,1		LR	VL				
		15 13,3		LM	EL				
		15 18,9		MQ	EL				
		15 22,0		MR	VL				
420	31	00 40	36.4	43.5 N	146.8 E	.002	81.20	26.83	USCGS
		52 48		P	VL		80.0		C
		52 48		P	EL				
		52 48		P	NL				
		52 50		I	VS				
		52 52		E	VS				
		52 56		PCP	VS				
		53 06		E	VS				
		53 14		E	NL				
		55 52		PP	VG				
		58 00		E	NL				
		59 14		E	NL				
	1	02 50		S	NL				
	1	03 02		SKS	ES				
	1	03 10		SCS	EL				
	1	03 39		PS	VG				
	1	03 57		PPS	VG				
	1	07 30		E	VL				
	1	07 53		E	NL				
	1	08 07		SS	EG				

		1 08 50	E	NL					
		1 14,1	LQ	EL					
		1 14 30	E	VL					
		1 16,1	LR	EG					
		1 17,1	MQ	EL					
		1 19,0	LM	VL					
		1 22,7	MR	NL					
		1 31,0	MR	VG					
421	31	17 15 26.8	13.6 S	172.1 E	.006	142.21	20.07		USCGS
		17 34 51	PKP	VL					
		17 38 06	PP	VL					
		17 38 22	E	NL					
		17 56 20	E	EL					
		17 56 32	F	NL					
		17 56 42	SS	EL					
		17 57 09	E	EL					
		18 22,4	LR	NL					
422	02	16 09 23.5	59.7 N	144.4 O	.000	67.78	343.60		USCGS
		16 20 23	P	VS		68.2			
		16 22 55	PP	VG					
		16 29 23	S	EL					
		16 40,4	LQ	EL					
		16 44,5	LR	VL					
423	03	02 49 14.9	25.9 N	095.8 E	.011	71.33	71.90		USCGS
		3 09,5	LM	EG					
424	03	14 03 42.4	59.9 N	143.9 O	.000	67.50	343.43		USCGS
		14 38,9	LM	EL					
425	03	17 54 14.7	18.8 S	173.7 O	.000	148.76	356.88		USCGS
		18 14 05	PKP	VL					
426	04	02 57 07.6	36.4 N	069.3 E	.000	47.63	80.90		USCGS
		3 19,5	LM	NL					
427	04	04 28 54.7	17.5 N	100.8 O	.000	86.23	292.77		BCIS
		4 41 37	P	VL					

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4	52	25	E	VL
4	57	46	E	EL
5	05,4		LM	VL
5	16,5		LM	VL

428	04	10 18 15.3	07.8 S	117.6 E	.002	110.57	77.05	USCGS
		11 19,2	LM	NL				

429	04					.7		
		22 30 06,9	PG	VS				
		22 30 15,9	SG	ES				
		22 30 18	E	VS				
		22 30 24	E	ES				

430	05	00 11 51.9	39.3 N	043.1 E	.000	29.12	96.87	USCGS
		23,6	LM	NL				

431	05	04 44 37.0	49.5 N	028.0 O	.000	20.97	280.98	BCIS
		4 49 32	P	VS		22.6		C
		4 49 32	P	ES				
		4 49 32	P	NS				
		4 53 36	S	EL				
		4 54,6	LQ	EL				
		4 55,2	LR	VL				

432	05	09 50 35.0	60.4 N	146.0 O	.000	67.41	344.68	USCGS
		10 01 31	P	VG		68.3		
		10 10 32	S	NL				
		10 10 51	E	VL				
		10 22,8	LM	VL				

433	05	22 06 53.0	58.1 N	152.1 O	.000	70.57	347.12	USCGS
		22 18 09	P	VS		71.2		
		22 18 14	E	VS				
		22 27 26	S	NG				
		22 37,3	LR	EL				
		22 48,5	LM	EG				

434	06	19 07 51.4	26.6 S	114.4 O	.000	128.22	273.30	USCGS
		19 29 17	PP	VL				

		19 29 37	E	VL					
		19 30 13	E	NL					
		19 30 25	E	EL					
		19 31 31	E	EL					
		19 35 59	E	EL					
		19 38 59	E	VL					
		19 39 15	E	VL					
		19 40 42	E	VL					
		19 43 45	E	EL					
		19 45 47	E	EL					
		19 46 31	E	EL					
		19 46 39	E	EG					
		19 50 57	E	EL					
		19 54,2	LQ	NL					
		20 07,5	LM	EL					
435	07	14 49 31.2	36.3 N	141.0 E	.000	85.81	33.96		USCGS
		15 28,8	LM	NL					
436	07	20 30 55.5	45.3 N	150.9 E	.000	80.66	23.38		USCGS
		20 43 07	P	VL					
		20 51 05	E	NL					
		20 51 53	E	VL					
		20 53,6	LQ	NL					
		20 58,4	LR	VL					
		21 04,6	LM	VL					
437	08	22 53 21.7	17.7 N	145.7 E	.020	104.32	38.14		USCGS
		23 26,0	LQ	EL					
		23 36,8	LM	EL					
438	09	02 33 39.4	38.2 N	002.5 O	.000	12.93	205.78		USCGS
		2 36 42	P	VS					
		2 39 30	S	EG					
		2 39,7	LQ	EL					
		2 39 58	SSS	VL					
		2 40,5	LR	VL					
		2 40,8	LM	EL		15.0			
		2 41 56	E	VL					
439	13	04 20 53.5	53.6 N	172.1 E	.000	76.24	7.63		USCGS
		4 59,1	LR	VG					

440	13	08 28	38.7	46.4 N	153.3 E	.000	80.22	21.40	USCGS
		9 09,3		LM	NG				
441	14	12 15	31.3	38.0 N	038.5 E	.000	26.96	103.61	USCGS
		12 21	13	P	VG				
		12 21	13	P	EG				
		12 21	14	P	NG				
		12 22	02	PP	VG				
		12 25	55	S	NG				
		12 26	12	E	EG				
		12 26	56	E	NG				
		12 27,3		LQ	NG				
		12 29,2		LR	EG				
		12 33,1		MR	EG				
442	15	00 05	31.1	05.4 N	097.0 E	.000	87.39	84.71	USCGS
		18 20		P	VG				
		21 43		PP	EG				
		28 55		S	EG				
		29 26		E	EG				
		30 06		E	VG				
		30 31		E	EG				
		49,6		LQ	NG				
		55,2		LR	VG				
		1 05,4		LM	EG				
443	16	04 01	44.3	38.3 N	139.1 E	.004	83.35	34.40	USCGS
		4 14	07	P	VG	.005	85.0		
		4 14	11	PCP	VG				
		4 14	24	*PP	VG				
		4 15	06	E	ES				
		4 15	15	E	VG				
		4 17	26	PP	VG				
		4 17	36	E	VG				
		4 19	22	PPP	EG				
		4 24	22	SKS	EG				
		4 24	31	S	ES				
		4 24	36	SCS	EG				
		4 25	07	*SSCS	NG				
		4 25	16	E	EG				
		4 25	29	SP	NG				
		4 26	01	PPS	NG				
		4 26	17	E	VG				
		4 27	28	E	NG				
		4 28	27	E	EG				
		4 29	11	E	NG				
		4 30	04	SS	EG				
		4 33	40	SSS	EG				

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		4	35,5		LQ		EG				
		4	41,0		LR		EG				
		4	44,9		LM		VG				
		4	47,9		MQ		NG				
		4	56,3		MR		VG				
444	17	18	01 47.6	47.5 N		154.9 E	.000	79.54	19.98		USCGS
		18	13 52	P		VG		79.2			
		18	23 52	S		EG					
		18	45,9	LQ		NG					
		18	51,2	LR		NG					
445	18	20	33 53.3	39.3 S		074.7 W	-.001	112.95	235.85		USCGS
		21	03 02	S		EG					
		21	29,7	LQ		EG					
		21	37,2	LR		VG					
446	19	00	50 23.0	40.8 N		032.8 E	.000	21.75	104.47		BCIS
			55 16	P		EG					
			59 23	E		EG					
		1	02,6	LM		NG					
447	19	10	34 33.6	22.6 N		121.0 E	.000	88.43	55.90		USCGS
		10	50 50	P		VG					
		11	23,2	LM		EG					
448	21	01	33 11.2	51.0 N		157.0 E	.003	76.66	17.51		USCGS
		2	19,0	LM		EG					
449	22	00	16 27.4	15.7 S		172.8 O	.000	145.65	355.55		USCGS
			36 04	PKP		VG					C
			58 20	E		EG					
		1	38,8	LM		EG					
450	22	03	03 37.9	10.4 S		161.1 E	.006	135.86	34.27		USCGS
		3	38 00	P		VG					
		4	06,7	LQ		EG					
		4	12,9	LR		VG					

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451	23	01 26	37.0	43.3 N	146.1 E	.007	81.17	27.38	USCGS
		1 38	46	P	VG		79.7		C
		1 38	46	P	ES				
		1 38	46	P	NS				
		1 39	03	E	VG				
		1 39	14	E	VG				
		1 41	45	PP	VG				
		1 43	33	PPP	NG				
		1 45	12	E	NG				
		1 48	48	S	ES				
		1 48	55	SKS	NG				
		1 49	09	SCS	VG				
		1 49	18	E	NG				
		1 49	29	E	EG				
		1 49	34	PS	VG				
		1 53	56	SS	EG				
		1 57	58	E	EG				
		2 01,8		LQ	EG				
		2 03,6		LR	EG				
		2 06,1		LM	NG				
		2 09,9		MQ	EG				
		2 13,6		MR	VG				
452	27	02 28	57.1	40.4 N	077.5 E	.000	50.34	71.51	USCGS
		2 56,3		LM	NG				
453	28	12 51	34.6	01.7 S	149.6 E	.000	123.35	43.34	USCGS
		13 10	37	PKP	VS		122.6		
		13 12	19	PP	VS				
		13 19	20	SKKKS	NG				
		13 28	58	SS	NG				
		13 42,4		LQ	EG				
		13 52,3		LM	EG				
454	28	14 52	08.4	13.2 S	167.1 E	.029	140.52	27.42	USCGS
		15 11	15	PKP	VS				
455	28	15 22	43.0	37.4 N	014.3 O	.000	18.57	234.07	USCGS
		15 27	01	P	VS				
456	28	17 07	07.0	03.5 N	032.4 O	.000	55.91	226.46	USCGS
		17 16	44	P	VS				

457	28	17 27 59.8 17 37 34 17 37 42 17 45 18 17 52,8	04.0 N P E S LM	032.4 O VS VG NG EG	.000	55.47 55.4	226.74	USCGS
458	30	12 31 55 12 32 06 12 32 11 12 32 29 12 33 16 12 33 22 12 33 37 12 34 10 12 34 16	PN I P* PG SN E S* E E	VB VB EB EB EG NS EB EG NS		7.0		
459	30	15 48 43.0 15 59 55 16 00 50 16 01 04 16 30,7 16 37,9	45.9 N P E E LQ LR	150.4 E VB VB VB EG VG	.000	79.97	23.49	USCGS
460	30	20 08 28.5 20 19 44 20 19 48 20 29 05 20 39,5	46.6 N P I S LQ	144.6 E VB VB EG NG	.055	77.73	26.98	USCGS
461	01	02 38 19.0 2 59 34 3 31,5 3 37,8	59.8 N P LR LM	148.9 O VB EG VG	.001	68.45	345.95	USCGS
462	01	09 46 49.6 9 58 55 9 59 08 10 08 50 10 09 05 10 27,6 10 36,8	45.2 N P E S E LQ LM	150.3 E VG VG EG NG EG VG	.007	80.59	23.82	USCGS

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463	01	09 52 10 04	31.8 14	44.6 N P	149.9 E VB	.000	81.05	24.31	USCGS
464	01	20 09 20 16 20 28,6	31.2 57	30.9 N P LR	041.5 O VB EG	.000	39.20	258.42	USCGS
465	01	22 46 22 59	18.7 01	31.1 N P	139.6 E VB	.018	89.91	37.34	USCGS
466	01	22 49 23 02	23.4 24	14.3 S P	073.1 O VS	.017	93.04	251.54	USCGS
467	02	01 19 1 30 2 00,9	02.7 00	60.1 N P LR	146.0 O VB EG	.000	67.69	344.57	USCGS
468	02	17 03 17 15 17 24 17 34,4	42.4 56 59	47.7 N /P/ /S/ LM	128.3 O VB EG EG	.000	74.53	329.09	USCGS
469	02	17 17 17 29	34.4 17	47.7 N P	128.8 O VS	-.004	74.53	329.43	USCGS
470	03	19 18 19 27	34.0 13	11.0 N P	039.3 E VB	.004	48.29	131.55	USCGS
471	03	21 58 22 17	08.1 52	21.9 S PKP	170.1 E VB	.002	149.62	27.37	BCIS
472	04	11 11 11 14 11 15 11 17 11 19,1	20.0 55 04 46	42.0 N P /PP/ S LQ	023.5 E VB VB VG NG	.000	15.39 15.3	114.51	BCIS

11 19,6				LR	EG				
473	05	03 14 33.3	60.8 N	144.9 O	.000	66.84	344.28		USCGS
		3 26 43	E	VB					
		3 34 18	E	NG					
		3 54,1	LM	NG					
474	05	04 53 10.0	37.0 N	020.0 E	.000	17.16	133.88		BCIS
		4 57 19	P	VB					
		4 57 27	E	VB					
		5 03,4	LM	NG					
475	05	19 07 57.8	26.2 N	110.2 O	.000	84.67	305.00		USCGS
		19 20 34	P	VB		84.7			
		19 31 01	S	EG					
		19 42,9	LQ	EG					
		19 48,9	LR	VG					
		19 51,3	LM	EB					
		19 51,6	MR	EG					
476	05	23 36 01.5	44.8 N	149.6 E	.003	80.78	24.44		USCGS
		23 48 12	P	VB		79.7			
		23 51 18	E	VB					
		23 58 14	S	NG					
		24 08,1	LQ	NG					
		24 17,2	LR	NG					
		24 25,2	LM	VS					
		24 27,1	MR	VG					
477	06	02 14 36.0	26.2 N	110.4 O	.000	84.77	305.14		USCGS
		2 27 10	P	VB		85.0			
		2 27 18	E	NS					
		2 37 32	SKS	NG					
		2 37 39	S	EG					
		2 37 49	SCS	EB					
		2 48,7	LQ	EG					
		2 56,1	LM	NB					
		2 58,1	MR	EG					
478	06	07 22 11.7	18.3 N	100.4 O	.011	85.38	292.97		USCGS
		7 34 41	P	VB	.010	83.0			
		7 34 43	P	VB					

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7	35	03	*PP	VS
7	35	13	*SP	VG
7	35	20	*SPCP	VG
7	37	36	E	VG
7	38	00	PP	VG
7	39	47	PPP	VG
7	44	17	S	VG
7	44	37	SKS	VG
7	45	00	SP	EG
7	45	06	PS	ES
7	45	13	E	NB
7	45	42	E	NG
7	51,6		LQ	EG
8	02,9		LR	EG
8	04,7		MQ	NG
8	10,0		LM	VS

479	06	10 13 45.2	37.1 N	071.4 E	.011	48.53	78.77	USCGS
		10 22 17	P	VB				
		10 22 44	E	VB				
480	06	14 19 46.3	06.9 S	129.6 E	.011	117.21	66.19	USCGS
		14 38 22	PKP	VB				
481	06	19 50 42.1	21.2 S	173.8 E	.000	149.93	20.41	USCGS
		20 10 32	PKP	VB				
		21 08,1	LM	NG				
482	08	11 55 39.0	05.5 S	129.8 E	.021	116.21	65.09	USCGS
		12 14 03	PKP	VB				
		12 15 17	E	VB				
		12 25 57	E	VG				
		12 41,9	LQ	NG				
		12 55,2	LM	VG				
483	09	11 22 05.4	23.3 S	175.7 O	.002	153.27	.60	USCGS
		11 41 55	PKP1	VB				
		11 42 02	E	VB				
		11 42 11	PKP2	VB				
		11 45 46	PP	VG				
484	09	12 02 11.9	34.2 N	140.9 E	.003	87.65	34.96	USCGS

		12	15	13	P	VB				
485	09	16	39	49.3	15.5 S	167.6 E	.014	142.84	27.81	USCGS
		16	59	05	PKP	VG				
		17	01	29	E	VS				
		17	02	24	PP	VG				
		17	02	53	E	NG				
		17	09	48	E	NG				
		17	13	46	E	VG				
		17	20	48	SS	EG				
486	10	01	17	53.3	00.6 S	019.8 O	.000	54.60	210.42	USCGS
		1	27	33	P	VB				
487	10	11	50	46.8	26.5 N	109.7 W	.000	84.05	304.85	USCGS
		12	10	05	S	EL				
		12	16,3		LR	EL				
488	11	17	44	29.8	66.4 N	019.7 O	.000	20.53	331.79	USCGS
		17	49	07	P	VB		19.8		
		17	52	45	S	VL				
		17	52	59	E	EL				
		17	53,6		LR	EL				
489	11	20	25	40.3	59.7 N	146.2 W	.001	67.93	344.55	USCGS
		20	36	37	P	VB		69.1		
		20	45	42	S	NL				
		20	46	24	/PPS/	NL				
		20	50,7		LR	VL				
		20	58,0		LM	VL				
		21	03,8		LM	EL				
		21	08,6		MR	VL				
490	12	01	45	25.6	38.6 N	139.2 E	.000	83.12	34.19	USCGS
		1	57	51	P	VB		83.0		
		2	08	10	S	VL				
		2	13	50	/SS/	NL				
		2	19,2		LR	NL				
		2	25,4		LM	VL				
		2	29,8		MQ	EL				
		2	34,8		MR	VL				

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491	12	20 00 59.6 20 23,1	53.8 N LR	081.3 E NL	.000	45.30	54.35	USCGS
492	13	01 14 33.5 1 33 21	20.7 S PKP	178.7 O VB	.085	150.56	6.28	USCGS
493	13	10 58 47.7 11 10 03 11 13 20 11 19 18 11 24,1 11 31,7	23.7 N P E S LR LM	094.7 E VB VL EL EL NL	.013	72.18 70.9	74.22	USCGS C
494	13	11 54 50.7 12 06 49 12 28,4	42.5 N P LM	126.7 O VB EL	.000	78.49	325.45	USCGS
495	13	14 53 27.0 15 13 04	20.9 S PKP	169.9 E VB	.009	148.62	27.10	USCGS
496	13	16 22 26.0 16 27 55 16 32 12 16 33,5	53.7 N P S LR	035.2 O VB VL EL	.000	24.60 24.3	293.86	USCGS C
497	13	21 02 33.3 21 11 51 21 19 24 21 19 32 21 23 01 21 24,6 21 27,1	07.7 N P S E SS LR LM	034.7 O VB EL EG NL EG VL	.000	53.39 53.8	231.40	USCGS D
498	14	04 04 18.2 4 40,9	53.6 N LM	172.0 E NL	.000	76.23	7.69	USCGS
499	14	05 33 56.0 5 35 39,6	57.2 N PN	007.3 E VB	.000	7.30	11.67	BCIS

		5 35 49		E		VB				
		5 36 48		SN		NB				
		5 37,1		LR		VL				
500	14	09 55 24.4	19.0 N		066.5 0	.002	63.55	268.33	USCGS	
		10 14 27	S		EL					
		10 20,4	LR		VL					
		10 24,5	LM		EL					
501	14	22 59 09.2	59.5 N		144.8 0	.000	68.04	343.73	USCGS	
		23 10 11	P		VB		69.1			
		23 19 16	S		VL					
		23 29,5	LQ		EL					
		23 32,9	LR		NL					
		23 37,9	LM		NL					
502	15	23 12 12.7	34.3 S		179.1 E	.007	163.70	16.41	USCGS	
		3,5	L		NL					
		29,3	LM		VL					
503	15	07 26 01.4	52.1 N		170.6 0	.000	78.19	356.97	USCGS	
		7 38 00	P		VB					
		7 47 55	S		EL					
		7 55,0	LR		EL					
504	15	09 49 06.0	35.5 N		004.2 E	.000	14.59	181.28	BCIS	
		9 52 26	P		VB					
		9 52 31	E		VB					
		9 52 33	E		VB					
		9 52 38	E		VB					
		9 54 40	E		VL					
		9 55,2	LR		EL					
		9 56,3	LM		VL					
		9 57,3	MQ		EL					
		9 58,4	MR		VL					
505	15	18 56 26.0	44.0 N		148.1 E	.000	81.11	25.75	USCGS	
		19 08 40	P		VB					
506	16	10 37 23.1	44.0 N		148.3 E	.000	81.16	25.62	USCGS	

10 49 22 P VB
11 14,3 LM EL

507 16 16 07 18.3 00.3 N 067.0 E .000 72.34 111.61 USCGS
16 18 42 P VB
16 36,9 LM EL

508 16 17 39 59.6 36.1 N 030.8 E .004 23.55 116.47 USCGS
17 44 57 P VB
17 45 05 E VB
17 46 29 E EL
17 49 11 S EL
17 49 43 E VL
17 51,1 LM NL
17 55,3 MR VL

509 17 02 34 26.0 38.0 N 023.5 E .020 18.13 124.65 BCIS
2 38 30 P VB .02 18.3
2 38 31 P VB
2 38 38 I EG
2 38 47 PP EG
2 38 53 *PP VS
2 39 04 E VL
2 41 45 S VL
2 41 53 I ES
2 42,2 L NL

510 17 2 46 14 P VB 20.1
2 49 56 S EL

511 17 04 41 05.1 49.3 N 158.6 E .003 78.41 17.00 USCGS
4 53 02 P VB
4 53 10 E VB
4 53 20 E VB
5 15,9 LR EL

512 17 22 54 42.2 44.6 N 149.2 E .000 80.86 24.78 USCGS
23 06 52 P VL 82.2
23 17 08 S VL
23 22,4 LR EL
23 30,0 LM NL

		23 37,9		MR	NL					
		23 41,1		MR	VL					
513	18	03 40 09.0	35.7 N	026.4 E	.000	21.39	124.00		BCIS	
		3 44 53	P	VB	.007	20.8		D		
		3 44 54	P	VL				D		
		3 44 54	P	EL						
		3 44 54	P	NL						
		3 45 12	PP	VL						
		3 48 38	S	EL						
		3 48,7	LR	NB						
		3 49,3	LR	NL						
514	18	12 45 47.7	00.2 N	123.5 E	.010	107.93	66.98		USCGS	
		13 04 33	PKP	VS						
		13 15 39	E	VL						
		13 27,1	LR	VL						
		13 40,4	LM	VL						
515	18	23 36 21.0	60.0 N	143.4 O	.000	67.32	343.21		USCGS	
		23 56 22	E	EL						
		24 06,1	L	EL						
		24 11,3	LM	VL						
516	19	05 59 59.0	49.7 N	078.0 E	.000	45.50	60.79		BCIS	
		6 08 21	P	VS				C		
		6 08 29	E	EL						
		6 20,9	LR	EL						
517	19	18 10 48.2	07.5 N	121.8 E	.003	101.09	63.99		USCGS	
		18 56,0	LQ	EL						
		19 02,5	LR	VL						
518	20	18 49 43.5	19.8 N	109.0 O	.000	89.15	300.35		USCGS	
		19 13 35	S	EL						
		19 19 27	E	EL						
		19 26,4	LM	VL						
		19 31,3	MQ	EL						
		19 36,4	MR	VL						
519	20	22 43 15.0	35.5 S	179.7 E	.030	164.98	15.58		USCGS	

23 02 54	PKP	VL
23 41,0	LM	VL

520	21	01 09 25.8	19.8 N	108.8 O	.000	89.04	300.19	USCGS
		1 33 12	S	EL				
		1 39 04	E	EL				
		1 42,8	LR	VL				
		1 46,0	LM	NL				
		1 51,0	MQ	EL				
		1 55,9	MR	VL				

521	21	03 48 59.1	26.0 S	178.0 O	.030	155.87	5.72	USCGS
		4 08 39	PKP	NB				
		4 08 56	E	NB				
		4 12 29	E	VL				
		4 19 05	I	NL				
		4 22 39	E	NL				
		4 24 56	E	VL				
		4 32 05	E	NL				
		4 32 36	E	VL				
		4 38 02	E	EL				
		4 42,1	LM	VL				

522	21	09 56 16.6	72.1 N	130.2 E	.000	52.36	18.53	USCGS
		10 05 28	P	VB		52.5		D
		10 12 53	S	EL				
		10 13 04	PS	EL				
		10 18,6	LQ	EL				
		10 19,5	LR	NL				
		10 24,6	LM	EG				
		10 25,8	MR	VL				

523	21	21 01 49.5	04.6 S	153.3 E	.004	127.55	40.78	USCGS
		21 20 52	PKP	VB		127.7		C
		21 22 58	PP	VL				
		21 30 12	E	EL				
		21 32 58	PS	EL				
		21 40 46	E	EL				
		21 56,8	LQ	NL				
		22 03,2	LR	VL				
		22 12,7	MR	VL				

524	22	04 41 55.1	27.6 N	055.0 E	.005	44.20	101.24	USCGS
		5 03,3	LM	NL				

525	23	9 31 45	P	VB	52.5			
		9 39 11	S	EL				
		9 44,5	LQ	EL				
		9 48,2	LR	VL				
		9 55,7	LM	EG				
526	23	09 40 29.2	00.7 S	016.3 O	.000	53.62	206.27	USCGS
		9 49 49	P	VB				
		9 49 58	E	VB				
		10 03,0	LM	EL				
527	23	19 08 06.6	59.9 N	149.2 O	.004	68.40	346.14	USCGS
		19 19 05	P	VB		69.2		
		19 28 11	S	NL				
		19 28 34	PS	NL				
		19 32 58	E	NL				
		19 36,2	LQ	EL				
		19 44,5	LM	NL				
528	24	06 50 52.8	46.9 N	153.9 E	.000	79.89	20.83	USCGS
		7 02 59	P	VB		79.7		C
		7 03 00	P	NB				
		7 05 39	E	EB				
		7 06 01	PP	VL				
		7 09 15	E	VL				
		7 13 01	S	NL				
		7 18 51	E	VL				
		7 23,5	LQ	NG				
		7 27,0	LR	EG				
		7 32,4	MR	VL				
529	24	08 12 40.0	47.2 N	153.8 E	.000	79.58	20.80	USCGS
		8 24 44	P	VS				C
		8 24 45	P	NB				
		8 48,1	LQ	EG				
		8 53,8	LR	VG				
		9 00,8	MQ	EG				
		9 05,3	MR	VG				
530	24	09 17 00.5	46.8 N	154.1 E	.000	80.03	20.74	USCGS
		9 29 08	P	VB				C

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531	24	12 35 59.5 13 11,2	46.9 N LM	154.0 E VL	.000	79.91	20.77	USCGS
532	24	13 25 18.3 13 37 23 13 37 24 13 37 24 13 40 24 13 47 25 13 49 18 13 52 42 13 53 11 13 58,0 14 00,5 14 05,9 14 10,0 14 15,0	47.0 N P P P PP S E /SS/ E LQ LR LM MQ MR	153.7 E VB EL NB VL VL EL EL NL EL EL EL EL VL	.000	79.75 79.7	20.93	C USCGS
533	24	13 47 48.6 14 06 54 14 27,3 14 40,8 14 45,5	06.6 S PKP LQ LR LM	154.8 E VB EL NL NL	.005	129.98	40.11	USCGS
534	24	16 34 29.2 16 46 35 17 01,5 17 09,8	47.2 N P LR LM	153.9 E VL NL EL	.000	79.60	20.73	C USCGS
535	24	17 02 49.2 17 14 55 17 14 55 17 14 57 17 14 57 17 14 57 17 15 45 17 17 57 17 19 51 17 21 05 17 21 17 17 24 51 17 25 07 17 25 19 17 25 37	47.1 N P P P P P E PP E PPPP E S E E PS	153.6 E VS NG VL EL NL EL VL VL VL EL EL ES VL VL	.000	79.63 78.7	20.96	C C USCGS

		17 26 23	PPS	EL					
		17 29 23	E	VL					
		17 30 05	E	EL					
		17 30 43	E	VL					
		17 33 51	E	EL					
		17 35,5	LR	NL					
		17 38,5	LM	NL					
		17 43,8	MR	NL					
		17 47,8	M	EG					
536	24	21 54 54.0	57.7 N	152.2 O	.000	70.97	347.06		USCGS
		22 29,6	LM	EL					
537	25	12 20 22.2	19.9 S	176.2 O	.027	149.88	1.49		USCGS
		12 39 50	PKP	VB					
		12 40 54	E	VB					
538	25	19 31 07.0	27.9 S	070.9 O	.000	102.21	241.29		BCIS
		19 45 04	P	VB					
		19 45 05	P	EL					
		19 45 05	P	NL					
		19 49 14	E	VB					
		19 55 55	S	EL					
		19 56 26	E	EL					
		19 58 29	E	VL					
		20 03 11	E	NL					
		20 04 23	E	EL					
		20 06 27	E	EL					
		20 14,3	LQ	NL					
		20 15,8	LQ	NL					
		20 18,2	LR	VL					
		20 24,1	MR	VL					
539	25	21 29 33.2	02.9 N	128.2 E	.000	108.48	61.31		USCGS
		21 48 44	PKP	VB					
		22 21,5	LM	NL					
540	26	13 55 37.4	02.6 N	078.5 O	.001	83.52	266.37		USCGS
		14 08 02	P	VB					
		14 18 47	S	EL					
		14 30,8	LQ	NL					
		14 35,1	LR	EL					

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541	26	18 34 34.6 18 46 42 19 11,9 19 20,8	46.8 N P LR LM	153.8 E VB EL VG	.000	79.96 20.93	BCIS
542	26	20 21 45.0 20 22 51 20 23 00 20 23 38 20 23 53 20 24 03	46.2 N PN P* SN S* SG	007.8 E VB VB EB VB EB	.000	4.45 149.96 3.9	BCIS
543	27	01 50 50.0 14,8	75.6 N L	113.9 E 5	.000	46.63 18.98	USCGS
544	27	11 09 15.0 11 10 22 11 11 03 11 11 08 11 12,0	46.8 N PG SG E LR	005.9 E VS ES VS NG	.000	3.41 164.75	BCIS
545	27	23 00 36.3 23 12 46 23 22 50 23 23 03 23 23 41 23 28 02 23 28 29 23 33,4 23 36,8 23 42,0	46.8 N P S E /PS/ SS E LQ LR LM	153.8 E VB NL VL VL EL VL EL VL VL	.000	79.96 20.93 79.9	USCGS
546	28	18 40 04.3 18 59 58 19 00 04 19 10 02 19 12 07 19 15 19 19 19 53 19 22,8 19 28,5	51.2 S PKP E E E E E LR LM	139.0 E VB VB VL VL VL VL EL NL	.000	151.30 110.02	USCGS
547	28	21 38 43.5	14.3 N	096.2 E	.000	80.17 79.54	USCGS

		21 50	54	P	VB		80.0		
		21 53	52	/PP/	VL				
		21 57	16	S	EG				
		22 00	58	E	EL				
		22 01	16	E	NG				
		22 01	37	E	EG				
		22 06	26	/SS/	NG				
		22 09	59	E	EG				
		22 19.9		LM	EG				
548	28	22 46	34.0	14.1 N	096.1 E	.000	80.26	79.75	USCGS
		22 58	47	P	VB				
549	30	05 16	03.3	11.1 N	086.2 O	.001	82.06	277.75	USCGS
		5 28	19	P	VL		83.6		
		5 28	43	E	VB				
		5 30	37	E	VL				
		5 31	17	/PP/	VL				
		5 31	49	E	VB				
		5 38	41	S	NL				
		5 39	38	/PS/	NL				
		5 44	01	E	EL				
		5 44	11	SS	VL				
		5 46	55	E	VL				
		5 50	09	SSSS	NL				
		5 52.9		LQ	NL				
		5 54.3		LR	VL				
		5 57.6		LM	VL				
		6 02.6		MR	VL				
550	30	8 23	26	PN	VB		1.6		
		8 23	29	PG	VB				
		8 23	48	SN	VB				
		8 23	51	SG	EB				
		8 23	53	E	VB				
551	31	04 05	06.2	44.6 N	151.6 E	.003	81.49	23.17	USCGS
		4 17	21	P	VB				
		4 17	52	E	VL				
		4 27	23	S	EL				
		4 33	20	E	EL				
		4 37	08	E	VL				
		4 41.1		LQ	NL				
		4 43.1		LR	VL				

552	31	05 52 18.8 6 11 08	06.1 S PKP	149.4 E VL	.005	127.14	45.99	USCGS
553	31	23 45 55.2 23 53 51 23 59 02 24 01,8	86.3 N P S L	040.5 E VB NG EG	.000	37.17	3.62	USCGS
554	01	21 33 28.0 21 46 25 21 46 31 21 57 11 22 02 15 22 09,9	19.9 S P E S E LR	066.4 E VB VB EL NL NL	.000	88.33	123.93	USCGS
555	02	08 36 16.9 8 47 39 8 57 02 9 01 28 9 01 38 9 05,1 9 09,5	56.2 N P S E E LQ LR	149.9 O VB EL EL EL EL VL	.000	72.06 72.3	345.34	USCGS
556	02	10 40 26.0 10 42 44 10 44,3 10 45,0 10 45,6 10 46,8	43.1 N P LQ LQ LR LM	013.0 E VB NB EL VL VL	.000	9.08	137.25	BCIS
557	03	01 48 23.3 1 59 12 2 07 58 2 08 16 2 12 08 2 15 16 2 17,2 2 19,2 2 19,7	19.8 N P S PS SS E LQ LR MR	070.7 O VB NL EL EL EL NL VL VL	.000	65.68 65.8	272.14	USCGS
558	03	07 44 44.3 7 57 36	22.6 N P	121.3 E VL	.000	88.59 88.0	55.67	USCGS C

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		8 01 03	PP	VL					
		8 08 03	SKS	NL					
		8 10 43	E	VL					
		8 14 50	E	NL					
		8 18 03	E	NL					
		8 19,7	E	NL					
		8 26,1	LR	VL					
		8 28,9	LM	NL					
		8 31,5	MQ	NL					
		8 35,5	MR	VL					
559	03	17 08 11.2 17 48,7	08.3 S LR	118.7 E EL	.000	111.64	76.50		USCGS
560	03	18 54 54.9 19 24,4 19 30,9	53.8 N LQ LR	132.1 O EL VL	.000	70.33	334.39		USCGS
561	04	17 24 29.2 17 36 27 17 36 27 17 46 20 17 46 35 17 51 42 17 52 08 17 54,0 17 55,5 18 01,8 18 07,9	46.5 N P P S SCS E E E E LR MR	151.1 E VB NL EL NL EL EL EL VL VL VL	.011	79.59 78.0	22.81	D	USCGS
562	04	23 18 51.1 23 31,0 23 35,3	34.3 N LR LM	046.0 E VL VL	.000	34.00	101.73		USCGS
563	05	4 47 07 4 55 23 5 11,2	P S LM	VL VL VL					
564	05	11 06 02.6 11 25 36 11 25 43	32.1 S PKP E	179.8 E VL EB	.032	161.67	13.03		USCGS

11	26	23	E	VB
11	27	20	E	NL
11	30	06	E	VB
11	31	00	E	NL
11	34	40	E	VL
11	34	58	E	EL
11	35	23	E	VB
11	36	32	I	NL
11	40	42	E	EL
11	50,0		LM	EL

565	05	22 23	13.0	41.1 S	074.9 0	.000	114.23	234.65	USCGS
		22 41	51	PKP	VB	.015	89.0		
		22 42	23	*PP	EL				
		22 42	39	*S*P	NL				
		22 45	23	PP	VL				
		22 48	41	E	EL				
		22 50	37	E	NL				
		22 52	24	E	EL				
		22 52	41	E	VL				
		22 56	33	E	NL				
		22 58	11	E	VL				
		22 58,5		E	NL				
		23 03,4		LR	VL				
		23 08,7		LM	NL				
		23 17,5		LM	NL				
		23 23,1		MR	VL				

566	06	02 33	39.5	31.5 N	129.9 E	.026	85.46	44.37	USCGS
		2 45	56	P	VB				

567	06	17 03	28.9	22.5 S	179.5 0	.074	152.28	8.16	USCGS
		17 22	27	PKP	VB				

568	06	18 24	50.5	56.9 N	152.1 0	.001	71.73	346.78	USCGS
		18 36	11	P	VL		72.3		C
		18 36	13	E	VB				
		18 38	52	PP	VL				
		18 45	34	S	EL				
		18 45	44	E	VL				
		18 46	20	PPS	EL				
		18 50	12	SS	EL				
		18 53	42	E	NL				
		18 54	00	E	EL				
		18 56,1		LQ	EL				
		19 02,0		LR	VL				

		19 08,6		MQ	EL					
		19 13,3		MR	VL					
569	07	23 42 45.7		19.2 S	167.6 E	.002	146.31	29.87		USCGS
		2 25		PKP	VB					
570	07	05 37 25.1		56.8 N	152.3 O	.000	71.85	346.86		USCGS
		5 48 58		P	VB					
		5 49 02		E	VB					
		5 51 30		E	VL					
		6 03 00		/SS/	NL					
		6 06,5		LQ	NL					
		6 10,7		LM	NL					
571	07	08 04 58.9		37.5 N	141.3 E	.000	84.85	33.21		USCGS
		8 17 07		P	VB					
		8 29 06		E	VL					
572	07	15 31 18.0		14.0 N	091.9 O	.009	83.47	283.91		USCGS
		15 43 39		P	VB					
573	07	16 06 08		PG	VB		.6			
		16 06 10		P*	EB					
		16 06 15		SG	VB					
		16 06 17		S*	VB					
574	08	14 59 41.2		31.7 N	140.2 E	.012	89.61	36.61		USCGS
		15 12 27		P	VB		76.5		D	
		15 15 59		E	VL					
		15 22 13		S	EL					
		15 22 53		PS	NL					
		15 30 19		E	EL					
		15 38,9		LQ	EL					
		15 42,2		LR	VL					
575	08	15 57 49		P	VB		74.5			C
		16 07 24		S	EL					
		16 08 21		PPS	VL					

		16	13,0		E	NL					
		16	19,2		L	EL					
		16	26,9		MR	VL					
576	08	20	06 51.0	18.0	N	074.0	0	.000	69.11	273.30	USCGS
		20	18 09		P	VB					C
		20	18 24		E	VB					
		20	27 04		E	NL					
		20	27 36		S	EL					
		20	31 40		E	EL					
		20	35,0		LQ	NL					
		20	39,0		LR	VL					
577	10	01	10 12.4	19.1	N	067.3	0	.000	63.99	269.02	USCGS
		1	20 44		P	VB			63.9		
		1	29 19		S	EL					
		1	33 15		E	EL					
		1	36,7		LQ	NL					
		1	40,0		LR	EL					
578	10	17	52 02.5	45.1	N	149.9	E	.001	80.58	24.13	USCGS
		18	04 12		P	VB					C
		18	14,1		E	EL					
		18	27,4		LQ	EL					
		18	32,8		LR	VL					
579	10	20	16 55.8	44.6	N	148.8	E	.000	80.75	25.05	USCGS
		20	50,0		LQ	EL					
		20	55,2		LR	VL					
580	10	21	40 10.4	06.2	S	154.5	E	.011	129.49	40.25	USCGS
		22	19,2		LQ	EL					
		22	32,9		LR	VL					
		22	40,1		LM	VL					
581	11	12	34 35.6	48.7	N	154.8	E	.002	78.39	19.64	USCGS
		13	13,3		LM	EL					
582	11	02	34 24.0	27.2	N	056.4	E	.002	45.36	100.40	USCGS
		2	56,3		LM	NL					

583	12	06 51	49.9	48.9 N	153.7 E	.015	77.96	20.28	USCGS
		7 03	36	P	VB		75.9		
		7 06	33	/PP/	VL				
		7 13	18	S	NL				
		7 13	29	E	VL				
		7 18	27	/SS/	NL				
		7 23	27	E	NL				
		7 24	24	E	VL				
		7 28	17	E	VL				
		7 28,4		LR	NL				
584	12	19 26	26.1	31.0 N	049.8 E	.000	38.58	102.29	USCGS
		19 33	48	P	VL		38.2		C
		19 35	23	PP	VB				
		19 39	42	S	VL				
		19 39	58	E	EL				
		19 42	38	E	VL				
		19 45,0		LR	VL				
		19 46,2		LM	VL				
585	13	00 31	14.1	05.4 S	154.3 E	.055	128.69	40.05	USCGS
		49 35		PKP	NB				D
		49 39		E	VB				
		51 07		E	VL				
		51 17		E	VB				
		51 49		I	VL				
		53 03		I	EB				
		53 19		I	VL				
		54 22		E	VB				
		59 18		E	NL				
		1 01 45		E	EL				
		1 02 14		E	VB				
		1 02 51		E	NL				
		1 04 11		E	VL				
		1 06 13		E	NL				
		1 08,5		LQ	EL				
		1 11,1		LR	VL				
		1 22,1		LM	VL				
		1 33,9		MQ	EL				
		1 46,0		MR	VL				
586	13	10 38	05.0	34.2 N	025.7 E	.000	22.18	127.76	USCGS
		10 42	41	P	VL				
		10 43	02	E	VB				
		10 46,7		LR	NL				
		10 49,4		LM	NL				

587	13	18 26 30.7 18 45 22 18 45 40 18 49,4	10.5 S E E LM	013.3 O NL NL VL	.000	62.27 199.95	USCGS
588	14	21 27 41.6 21 37 12 21 44 49 21 47 17 21 47 31 21 48 33 21 49,4 21 52,8	07.4 N P S E E E LR MR	036.8 O VB EL EL NL NL NL EL	.000	54.71 233.42 54.3	USCGS
589	14	21 48 31.2 22 08 /15/	18.8 S PKP	168.2 E VB	.000	146.13 28.67	USCGS
590	15	03 34 50.8 4 16,1	05.5 S LM	104.1 E NL	.000	100.22 86.24	USCGS
591	16	15 52 38.7 16 10,3 16 14,2	27.8 N LQ LR	053.0 E NL EL	.000	42.80 102.85	USCGS
592	16	21 28 49.1 21 45,1	39.7 N LM	052.6 E EL	.000	35.00 88.51	USCGS
593	17	00 17 41.0 22 33 22 33 22 34 22 53 26 20 28,1	35.3 N P P P PP S LR	026.1 E VB EB NB VB NL EL	.000	21.53 125.22 20.7	BCIS C
594	17	09 07 03.8 9 11 54 9 16 00	52.0 N P S	030.0 O VB NL	.001	21.72 288.42 22.8	USCGS

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9 17,3				L	EL				
595	17	11 51 19.3	46.3 N	151.9 E	.000	79.97	22.36		USCGS
		12 03 28	P	VB					
		12 03 36	E	VB					
		12 27,5	LQ	EL					
		12 34,1	LR	NL					
596	17	15 15 06.0	73.0 N	001.0 E	.000	23.06	357.30		BCIS
		15 20 16	P	VB		23.7		C	
		15 20 24	I	VL					
		15 24 28	S	NL					
		15 25,2	LR	EL					
597	17	22 30 12.0	35.3 N	026.1 E	.000	21.53	125.22		BCIS
		22 35 00	P	VB					
598	17	22 47 32.4	52.1 N	030.1 O	.000	21.77	288.71		USCGS
		22 52 22	P	VB		20.2			
		22 56 04	S	NL					
		22 57,8	LR	EL					
599	18	04 44 58.0	26.4 S	071.5 O	.000	101.40	242.68		USCGS
		4 58 52	P	VB		102.0			
		4 59 01	E	VB					
		5 03 04	PP	VL					
		5 09 32	SKS	VL					
		5 12 10	PS	VL					
		5 19,6	LR	VL					
600	18	15 26 11.4	05.7 N	058.0 E	.000	62.72	116.03		USCGS
		15 36 37	P	VL					
601	19	09 33 10.0	28.2 N	052.6 E	.003	42.26	102.80		USCGS
		9 41 00	P	VB		42.0			
		9 47 20	S	EL					
		9 50,3	L	NL					
602	19	15 20 13.9	28.2 N	052.7 E	.003	42.33	102.70		USCGS

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		15 28 05	P	VL		42.2		
		15 34 27	S	EL				
		15 37,8	LQ	NL				
		15 40,8	LR	NL				
603	19	22 40 17.9	28.4 N	052.7 E	.004	42.19	102.49	USCGS
		22 54,7	LQ	EL				
		22 57,7	LR	VL				
604	20	02 08 04.0	73.0 N	001.0 E	.000	23.06	357.30	BCIS
		2 13 14	P	VL		22.6		
		2 17 18	S	EL				
		2 17,8	LQ	EL				
		2 18,8	LR	NL				
605	20	03 56 28.0	63.8 N	020.6 O	.000	19.25	325.00	BCIS
		4 00 51	P	VL		17.7		C
		4 04 07	S	EL				
		4 04,6	LR	VL				
606	20	05 08 50.3	28.1 N	052.6 E	.002	42.33	102.90	USCGS
		5 16 42	P	VL				
		5 23 56	E	NL				
		5 26,1	LR	VL				
607	20	05 39 47.7	28.2 N	052.6 E	.003	42.26	102.80	USCGS
		5 47 36	P	VL				C
		5 53 50	E	VL				
		5 57,4	LR	NL				
608	20	10 31 05.7	72.1 N	001.2 E	.000	22.15	357.21	USCGS
		10 36 05	P	VB		22.6		
		10 40 09	S	EL				
		10 41,9	LR	VL				
609	20	16 29 46.0	73.0 N	001.0 E	.000	23.06	357.30	BCIS
		16 34 58	P	VB		22.6		
		16 39 02	S	VL				
		16 40,7	LR	VL				

610	21	07 59 17.0 8 07 06 8 13 34 8 16 40 8 19,3	28.3 N P S SS LM	052.5 E VB NL VL NL	.003	42.13 102.78 43.3		USCGS
611	22	17 04 31.2 17 09 21 17 13 25 17 14,6	51.9 N P S LR	030.0 O VB NL NL	.000	21.74 288.15 22.6	D	USCGS
612	22	17 29 19 17 33 30 17 34,4	P S LR	VB NL EL		23.5		
613	23	02 56 13.3 3 01 04 3 05 16 3 07,9	59.4 N P S LR	030.3 O VB NG NG	.000	21.96 308.45 23.6	C	USCGS
614	23	04 47 46.4 4 52 38 4 56 43 4 59,2	59.4 N P S LR	030.2 O VB NG NG	.000	21.91 308.47 22.7 22.7		USCGS
615	23	15 24 05.3 15 42 47 15 44 59 15 45 07 15 46 23 15 47 52 15 54 04 15 55 01 15 56 45 15 57 47 16 02,3 16 06,9 16 17,1 16 27,5 16 35,6	06.1 S PKP E E E E E E E E LQ LR LM MR MR	149.4 E VL VL VL EL VL VL EL VL EL %L VL NL EL VL	.005	127.14 45.99		USCGS
616	24	21 24 48.0	86.9 N	052.0 E	.000	38.08 3.73		USCGS

		21 48,5		L	EL				
		21 53,2		LM	VL				
617	24	21 56 54.2	58.4 N		150.3 O	.000	70.01 346.24		USCGS
		22 08 06		P	VS		70.1	C	
		22 10 49		/PP/	VL				
		22 17 17		S	NL				
		22 21 45		SS	NL				
		22 25,5		LQ	EL				
		22 30,4		LR	VL				
618	25	07 08 11.1	35.4 N		028.6 E	.000	22.81 120.97		USCGS
		7 17,8		LM	EL				
619	25	08 05 01.6	35.6 N		029.1 E	.002	22.94 119.86		USCGS
		8 13,8		LM	NL				
620	25	11 11 51.0	36.0 N		029.0 E	.000	22.59 119.30		BCIS
		11 16 49		P	VL		22.6	C	
		11 20 53		S	NL				
		11 21 23		E	VL				
		11 21,6		LQ	EL				
		11 22,6		LR	VL				
		11 25,2		LM	VL				
621	25	13 47 20.6	78.2 N		126.6 E	.003	47.34 13.74		USCGS
		13 55 51		P	VL		47.0	D	
		13 55 51		P	NL				
		13 55 52		I	VB				
		13 57 43		PP	NL				
		14 02 43		S	NL				
		14 07,2		LQ	EL				
		14 09,6		LR	VL				
622	25	14 37 32.5	35.7 N		029.1 E	.000	22.86 119.68		USCGS
		14 42 38		P	VB				
		14 43 05		E	EB				
		14 48,2		LM	EL				
623	26	03 18 25.0	52.5 N		032.5 O	.000	23.16 290.33		BCIS

		3 23 34	P	VL							
		3 23 34	P	EL			22.4				D
		3 23 34	P	NL							
		3 27 35	S	NL							
		3 28,5	LR	NL							
624	27	07 53 54.8	17.5 S	173.0 O	.000	147.45	355.73				USCGS
		8 13 38	PKP	VL							C
		8 13 40	P	NL							
		8 13 57	E	VL							
		8 36,2	L	EL							
625	27	08 27 42.0	06.5 N	123.5 E	.000	102.88	63.18				USCGS
		9 02,6	L	EL							
		9 16,3	LM	EL							
626	27	11 58 41.3	28.2 N	055.7 E	.006	44.22	100.01				USCGS
		12 06 46	P	VB							C
		12 13 26	E	EL							
		12 16,6	LM	VL							
627	27	12 56 46.1	27.5 N	055.9 E	.000	44.83	100.54				USCGS
		13 05 00	P	VB							D
		13 11 34	S	EL							
		13 15,2	LR	NL							
		13 18,0	LM	NL							
628	27	19 32 01.0	36.0 N	029.0 E	.000	22.59	119.30				BCIS
		19 37 00	P	VL							
		19 37 38	E	EL							
		19 39 24	E	NL							
		19 39 50	E	EL							
		19 41,0	LQ	NL							
		19 41,5	LR	VL							
		19 44,3	MQ	NL							
		19 45,9	MR	VL							
629	28	23 48 26.3	21.6 S	175.3 O	.004	151.58	359.79				USCGS
		8 18	PKP	VB							
630	28	04 35 29.3	19.8 S	178.2 O	.086	149.71	5.22				USCGS

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		4 54 15	PKP	VB					D
		4 56 33	E	VL					
		4 57 29	E	VL					
		5 11 11	E	NL					
		5 12,6	E	VL					
		5 16,5	LM	NL					
631	28								
		11 46 46,4	PG	VB		.1			C
		11 46 48,4	SG	NB					
632	28	12 06 18.3	37.9 N	019.8 E	.005	16.34	132.48		USCGS
		12 10 05	P	NL		17.3			
		12 13 17	S	VL					
		12 15.3	LR	VL					
633	28	13 22 05.0	07.6 N	095.6 E	.000	84.80	84.35		USCGS
		13 37 11	P	VL		44.8			
		13 43 49	S	EL					
		13 44 47	E	VL					
		13 49,8	LM	EL					
634	28	18 17 03.2	23.5 N	120.6 E	.000	87.49	55.68		USCGS
		18 45 49	E	VL					
		18 52,9	LQ	NL					
		18 58,9	LR	VL					
		19 01,8	LM	EL					
635	29	02 45 28.0	43.0 N	000.2 E	.000	7.72	204.75		BCIS
		2 47 24	PN	VB		6.7			
		2 48 42	SN	EB					
		2 49,0	LR	VL					
		2 49,7	MQ	NL					
		2 50,6	MR	VL					
636	29	05 20 19.8	71.6 N	003.7 O	.000	21.93	352.95		USCGS
		5 25 16	P	EB		21.7			
		5 29 12	S	EL					
		5 30,8	LR	NL					
637	29	19 37 59.0	36.0 N	029.0 E	.000	22.59	119.30		BCIS

		19 47 07	S	EL					
		19 47 30	E	NL					
		19 48,3	LM	EL					
638	30	02 35 08.0	27.6 N	088.3 E	.000	65.46	75.85		USCGS
		3 00,0	LR	VL					
		3 05,7	LM	EL					
639	30	04 53 21.6	71.8 N	003.6 O	.000	22.12	353.16		USCGS
		5 03,3	LM	NL					
640	30	08 11 42.5	15.8 S	174.9 O	.040	145.81	359.13		USCGS
		8 30 50	PKP	VB					
641	30	21 03 58.0	29.2 N	114.4 O	.000	84.39	309.78		USCGS
		21 34,7	LR	EL					
		21 40,8	LM	EL					
		21 49,0	LM	VL					
642	30	21 44 56.9	19.9 S	176.0 O	.034	149.88	1.11		USCGS
		22 04 20	PKP	VB					
		22 05 27	E	VB					
643	31	23 20 19.4	52.4 N	170.7 O	.000	77.90	357.05		USCGS
		23 32 15	P	VL					
		23 42,8	LQ	NL					
		23 47,3	LR	VL					
644	01	13 22 36.6	27.2 N	092.3 E	.000	68.23	73.39		USCGS
		13 33 36	P	VB		68.2			
		13 36 10	PP	VL					
		13 42 32	S	VL					
		13 43 00	PS	NL					
		13 43 11	PPS	VL					
		13 46 02	SS	NL					
		13 49 12	E	EL					
		13 52,2	LQ	NL					
		13 54,6	LR	VL					
		13 59,5	MQ	NL					
		14 03,7	MR	EL					

645	01	17 16	40.4	51.2 N	170.6 O	.000	79.10	356.92	USCGS
		17 28	45	P	VB		79.0		D
		17 28	54	PCP	VB				
		17 28	58	E	VB				
		17 38	44	S	VL				
		17 39	00	SKS	NL				
		17 39	13	E	NL				
		17 44	08	E	VL				
		17 47	40	E	VL				
		17 49,9		LQ	EL				
		17 54,2		LR	NL				
		18 06,4		LM	VL				
646	03	16 58	55.4	15.2 S	173.5 O	.000	145.19	356.78	USCGS
		17 18	30	PKP	VB	.00	85.0		
		17 18	42	*PPKP	VB				
		17 28	55	E	NL				
		17 32	04	E	NL				
		17 40,4		L	NL				
		17 57,0		LM	EL				
647	04	03 28	33.1	07.6 N	036.9 O	.000	54.60	233.65	USCGS
		3 38	02	P	VL		54.8		D
		3 38	02	P	EL				
		3 38	02	P	NL				
		3 45	42	S	NL				
		3 48	16	E	NS				
		3 49	26	SS	NL				
		3 51,0		LR	NL				
		3 56,0		LM	VL				
648	04	10 34	13.1	04.0 S	131.4 E	.000	115.92	62.68	USCGS
		10 53	58	PKP	VL				D
		10 56	59	E	VL				
		10 59	47	E	EL				
		11 01	27	E	EL				
		11 01	45	E	NL				
		11 02	33	E	VL				
		11 03	43	E	EL				
		11 07	08	E	NL				
		11 10,3		E	NL				
		11 16,4		LR	NL				
		11 31,8		MQ	NL				
		11 34,5		MR	VL				

649	05	02 53	50.6	05.8 S	154.0 E	.006	128.92	40.61	USCGS
		3 09	41	P	VL		131		
		3 12	51	PKP	VL				C
		3 13	29	E	EL				
		3 14	55	PP	VL				
		3 15	12	I	VL				
		3 16	15	PKS	NL				
		3 19	58	SKS	NL				
		3 20	10	E	VL				
		3 21	54	E	EL				
		3 24	59	E	VL				
		3 25	23	PS	EL				
		3 26	51	E	EL				
		3 29	04	E	VL				
		3 32	43	SS	EL				
		3 36	08	E	EL				
		3 37	17	E	NL				
		3 38	51	E	EL				
		3 41	45	E	VL				
		3 45,6		LQ	NL				
		3 53,2		MR	VL				
		4 02,8		MR	VL				
650	05	12 27	22.2	00.6 N	025.9 O	.000	55.69	217.87	USCGS
		12 36	55	P	VL		54.8		
		12 39	03	PP	VL				
		12 44	35	S	EL				
		12 44	46	PS	NL				
		12 46	47	E	EL				
		12 48	25	SS	NL				
		12 49,5		LQ	NL				
		12 50,8		LR	VL				
		12 51,9		LR	VL				
		12 57,8		MQ	EL				
		12 59,6		MR	NL				
651	05	21 08	44.0	44.0 N	011.5 E	.000	7.71	139.68	BCIS
		21 10	41	PN	VB		7.6		C
		21 10	58	P*	VB				
		21 11	17	PG	EL				
		21 12	19	SN	EL				
		21 12	35	S*	NL				
		21 12	55	SG	EL				
		21 13,1		LR	VB				
652	05	21 10	14.0	44.0 N	011.5 E	.000	7.71	139.68	BCIS
		21 12	08	PN	VB		7.7		
		21 12	27	P*	VB				

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SEPTEMBRE

21	12	47	PG	VB
21	13	37	SN	NB
21	14	05	S*	VB
21	14	25	SG	EL

653	05	22 28 42.0	44.0 N	011.5 E	.000	7.71 139.68	BCIS
		22 32 13	/SN/	EL			
		22 32 35	/S*/	NL			
654	06	03 38 48.8	46.7 S	013.5 O	.000	97.58 192.46	USCGS
		4 09,8	L	EL			
		4 25,3	LM	VL			
655	06	18 41 01.8	10.0 N	140.2 E	.000	108.75 46.69	USCGS
		19 19,2	LQ	EL			
		19 26,3	LR	EL			
		19 30,9	LM	VL			
		19 33,3	MQ	EL			
		19 38,7	MR	NL			
656	07	07 42 02.3	58.3 N	152.0 O	.000	70.36 347.12	USCGS
		8 14,1	LQ	EL			
		8 16,6	LR	NL			
		8 19,7	LM	NL			
657	07	11 27 15.0	15.7 N	053.3 E	.000	52.01 113.42	USCGS
		11 36 36	P	VL		52.0	
		11 43 58	S	EL			
		11 48 20	E	NL			
		11 51,3	L	NL			
		11 53,1	MR	VL			
		11 54,3	LM	NL			
658	08	07 54 57.9	05.8 N	126.1 E	.023	104.93 61.40	USCGS
		8 36,2	L	NL			
		8 41,9	LM	NL			
659	08	17 05 23.4	20.4 S	178.3 O	.079	150.29 5.48	USCGS
		17 24 14	PKP	VB			

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SEPTEMBRE

660	09	22 19 40.5 22 35,7	34.5 N LM	045.8 E NL	.006	33.74 101.65	USCGS
661	11	04 23 56.0 4 47,3	23.9 S LM	066.6 O EL	.025	96.68 240.75	USCGS
662	12	12 43 19.0 13 02 03 13 03 48 13 03 33 13 09 42 13 11 32 13 12 04 13 14 18 13 20 30 13 20 56 13 26,9 13 32,6 13 42,4	04.4 S PKP PP E E E E E E E LR LM LM	144.0 E VL VL VS NL NL VL EL NL VL VL EL VL	.014	123.06 50.75 73.5	USCGS
663	12	13 26 05,3 13 26 06,8	PG SG	VS ES	.1		D
664	12	15 19 22.3 15 38 03	17.4 S PKP	179.9 O VL	.083	147.20 7.94	USCGS
665	12	22 07 03.2 22 27 01 22 28 08 22 31 52 22 33 22 22 33 32 22 35,9 22 38 06	49.1 S PKP E E E E E E	164.2 E VL EL VL NL VL EL EL	.000	166.60 93.53	USCGS C
666	13	22 53 30.0 22 59,4	42.1 N LM	020.5 E EL	.000	13.61 119.91	BCIS
667	13	23 01 06.0	58.5 N	030.8 O	.000	22.08 305.97	USCGS

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SEPTEMBRE

		23 06 03	P	VL					
		23 11,0	LM	VL					
668	13	23 23 35.0	58.3 N	032.4 O	.000	22.90	305.22	USCGS	
		23 28 37	P	EB					
		23 32,7	LM	NL					
		23 49,6	LM	EL					
669	14	06 19 51.0	59.3 N	032.1 O	.000	22.86	307.83	USCGS	
		6 24 43	P	VS					
		6 30,1	LM	NL					
670	14	06 34 42.0	59.4 N	031.2 O	.000	22.41	308.26	USCGS	
		6 39 39	P	VS					
		6 45,2	LM	NL					
671	14	10 17 46.6	56.7 N	157.4 O	.005	72.62	349.70	USCGS	
		10 29 10	E	VB					
672	14	15 21 09.0	28.0 N	055.8 E	.000	44.42	100.12	USCGS	
		15 29 20	P	VB					
		15 42,9	LM	VL					
673	15	05 37 45.4	00.1 S	124.6 E	.000	108.82	66.23	USCGS	
		6 06,2	LM	VL					
		6 21,0	LM	VL					
674	15	12 44 12.2	16.0 S	172.9 O	.000	145.95	355.70	USCGS	
		13 03 50	PKP	VL					
675	15	15 29 32.2	08.9 N	093.1 E	.001	82.25	85.41	USCGS	
		15 41 50	P	VL	.007	82.7		C	
		15 42 11	*PP	VL					
		15 42 44	E	VL					
		15 43 07	E	EL					
		15 45 03	PP	VL					
		15 52 00	S	EL					
		15 52 13	SCS	VL					

		16 06,9		LR	VL					
		16 23,6		MR	VL					
676	16	01 26 26.9	10.9 N	093.1 E	.002	80.74	84.10		USCGS	
		1 38 38	P	VS	.007	81.9				
		1 41 51	PP	VL						
		1 48 44	S	EL						
		1 49 21	*SS	VL						
		1 54 53	E	VL						
		2 10,6	LM	VL						
677	16	01 55 33.9	60.0 N	147.1 O	.000	67.97	345.10		USCGS	
		2 01 36	P	VS						
		2 11 31	E	EL						
678	16	20 47 16.0	16.1 S	176.5 O	.050	146.06	1.88		USCGS	
		21 06 17	PKP	VS						
679	16	22 23 36.3	22.9 N	045.1 O	.000	47.13	253.59		USCGS	
		22 32 06	P	VL		48.0				
		22 33 39	E	VS						
		22 39 04	S	EL						
		22 43,8	LQ	EL						
		22 45,0	LR	VL						
680	17	15 01 48.0	45.0 N	032.0 O	.000	25.05	272.45		BCIS	
		15 07 23	P	VL		26.0			C	
		15 07 51	E	VL						
		15 08 10	E	EL						
		15 08 40	E	NL						
		15 11 52	S	EL						
		15 12,3	LR	EL						
		15 15,6	MR	VL						
681	18	00 08 50.0	36.0 N	027.7 E	.000	21.87	121.33		BCIS	
		14 06	PP	VL						
		14 18	E	EL						
682	18	13 12 30.0	39.0 N	031.0 O	.000	27.43	259.87		BCIS	
		13 18 19	P	VL		26.9			C	

		13 18 53	E	VL					
		13 19 11	E	VL					
		13 22 25	E	EL					
		13 22 55	S	EL					
		13 24,4	LR	EL					
		13 25,9	MR	EL					
683	19	05 08 15.1	15.3 N	094.0 0	.001	83.79	286.31		USCGS
		5 20 43	P	VL		85.0		C	
		5 23 59	/PP/	VL					
		5 31 11	S	EL					
		5 32 11	PS	VL					
		5 36 59	/SS/	EL					
		5 40 19	SSS	VL					
		5 47,1	LR	VL					
		5 53,9	MR	VL					
684	20	04 33 29.4	49.5 S	116.2 0	.000	142.61	247.38		USCGS
		5 13,9	LM	VL					
		5 41,3	LM	VL					
685	21	04 23 19.7	21.8 S	179.6 0	.090	151.58	8.21		USCGS
		4 42 07	PKP	EB					
686	23	01 41 01.0	34.3 N	032.6 E	.004	25.84	117.01		USCGS
		1 46 27	P	VS					
687	23	04 59 47.4	53.6 N	163.9 0	.000	76.32	352.97		USCGS
		5 11 34	P	VL		78.0		C	
		5 21 27	S	EL					
		5 21 56	E	EL					
		5 27 00	E	VL					
		5 30 20	E	VL					
		5 32,2	L	EL					
		5 51,4	MR	VL					
688	25	15 44 56,8	PG	VB		1.4			
		15 45 15,8	SG	NB					
689	25	15 42 17.9	50.3 N	176.6 E	.000	79.85	5.20		USCGS

		15 54	26		P	VB		80.		C
		15 57	30		PP	VL				
		16 04	30		S	VL				
		16 05	16		PS	VL				
		16 09	48		/SS/	VL				
		16 19,5			LR	VL				
690	26	00 46	02.8	30.1 N	080.7 E	.003	58.95	79.09		USCGS
		55 59		P	VL		59.2			C
		59 35		PPP	VL					
		1 04	06	S	VL					
		1 08	03	SS	VL					
		1 15,2		LR	VL					
		1 22,6		LM	VL					
691	26	03 38	32.7	17.7 S	173.3 O	.000	147.62	356.25		USCGS
		3 58	15	PKP1	VL					C
		3 58	33	PKP2	VL					
		4 01	52	PKS	VL					
		4 40,4		LR	VL					
		5 05,0		LM	VL					
692	26	22 55	14.8	04.9 S	153.5 E	.000	127.90	40.71		USCGS
		23 16	27	E	VL					
		23 27	50	E	VL					
		23 34	04	E	VL					
		23 38,7		LR	VL					
		24 04,7		LM	VL					
693	27	15 50	54.7	56.6 N	152.0 O	.000	72.00	346.64		USCGS
		16 02	17	P	VL		73.6			C
		16 02	30	E	NB					
		16 04	51	E	VL					
		16 06	29	E	VL					
		16 11	21	E	VL					
		16 11	47	S	VL					
		16 12	24	/PS/	VL					
		16 16	22	E	VL					
		16 20	22	E	VL					
		16 24,8		LR	VL					
		16 26,7		LM	VL					
		16 36,4		MR	VL					
694	28	05 04	55.5	01.2 S	024.1 O	.001	56.65	215.05		USCGS

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5	14	37	P	VL						
5	16	45	PP	VL		56.4				C
5	22	27	S	VL						
5	22	39	PS	VL						
5	26	23	/SS/	VL						
5	31,5		LR	VL						

695	28	15 43	13.6	43.5 N	127.1 O	.000	77.77	326.21		USCGS
		15 54	49	P	VL					
		16 03,9		E	VL					
		16 20,0		LR	VL					
		16 26,8		MR	VL					

696	29	14 00	14.9	20.4 S	174.4 O	-.001	150.34	358.09		USCGS
		14 20	01	PKP1	VB		149.2			
		14 20	05	I	VB					
		14 20	13	PKP2	VL					
		14 23	40	PP	VL					
		14 27	05	PPP	VL					
		14 27	08	SKS	VL					
		14 27	54	E	VL					
		14 36	26	PPS	VL					
		14 42	52	SS	VL					
		14 49	48	E	VL					
		14 56	34	E	VL					
		15 09,7		LR	VL					
		15 18,5		LM	VL					
		15 24,1		MR	VL					

697	30	04 39	48.0	34.7 N	023.2 E	.003	20.54	131.48		BCIS
		4 44	22	P	VB		21.3			D
		4 44	46	PP	VB					
		4 48	15	S	VL					
		4 49	01	SS	VL					
		4 50,0		LR	VL					
		4 53,7		MR	VL					

698	30	20 27	24.1	58.4 N	159.3 O	-.003	70.97	351.13		USCGS
		21 01,2		LR	VL					

699	01	02 33	03.0	10.5 S	013.3 W	.000	62.39	199.92		USCGS
		2 51	47	E	VL					
		3 02	51	LR	VL					

700	01	18 30 19 03	01.9 09	49.3 N LR	128.8 W VL	-.005	73.13	330.24	USCGS
701	02	00 58 1 10 1 28 1 34 1 39	39.2 03 03 19 33	51.9 N P /SSS/ LR MR	142.9 E VB VL VL VL	.000	72.30	25.59	USCGS C
702	02	13 00 13 19 13 22 13 23 13 32 13 34 13 34 13 41 13 58 14 05	39.7 54 32 29 52 18 56 51 47 24	10.5 S PKP PP E E E E LR MR MR	162.4 E VB VL VB VL VL VL VL VL VL	.006	136.42	32.60	USCGS
703	02	22 23 22 34 23 00	32.4 29 55	59.7 N P LR	144.5 W VB VL	-.003	67.63	343.67	USCGS
704	03	13 39 13 50 14 10	39.9 36 57	61.4 N P LR	147.1 W VB VL	.002	66.47	345.62	USCGS
705	04	01 46 1 50	54.0 03	39.4 N P	015.4 E VB	.036	13.14	140.36	USCGS
706	04	07 00 7 27	57.1 05	27.9 N LR	069.2 E VL	-.003	53.03	89.32	USCGS
707	04	22 57 23 00 23 07	03.4 55 30	37.8 N P E	020.9 E VB VL	.009	16.94	130.33	USCGS
708	05	03 35	08.4	42.6 N	142.6 E	.001	80.55	30.01	USCGS

3 47	18	P	VB
3 47	45	E	VL
3 51	42	E	VL
3 58	34	E	VL
4 03	08	LR	VL
4 14	40	MR	VL

709	05	08 30	15.7	16.7 S	173.7 W	.000	146.64	357.03	USCGS
		8 49	55	P	VG				

710	05	22 10	16.5	36.0 N	141.2 E	.005	85.99	33.91	USCGS
		22 52	07	LR	VL				

711	06	06 11	32.6	18.6 N	119.6 E	.000	90.80	59.24	USCGS
		6 24	37	P	VL				
		6 28	09	E	VL				
		6 35	43	E	VL				
		6 41	51	E	VL				
		6 55	08	LR	VL				
		7 07	27	MR	VL				

712	06	07 17	57.1	36.2 S	100.9 W	.000	126.04	254.67	USCGS
		7 41	35	E	VL				
		7 48	54	E	VL				
		7 50	31	E	VL				
		7 56	08	LR	VL				
		8 19	03	MR	VL				

713	06	18 24	57.0	70.8 N	006.8 W	.000	21.42	349.71	BCIS
		18 29	53	P	VB		21.7		
		18 32	26	E	VL				
		18 33	49	S	EL				

714	06	19 12	12.0	16.1 S	168.6 E	-.002	143.67	26.55	USCGS
		19 31	47	PKP	VB				

715	06	20 19	34.1	29.3 N	080.9 E	-.001	59.55	79.61	USCGS
		20 29	38	P	VB				D

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716	07	00 54	18.0	53.0 N	036.2 W	.000	25.25	292.47	USCGS
		59 43		P	VB				
		1 03	56	S	VL				
		1 05	19	LQ	EL				
		1 05	58	LR	VL				
717	07	23 07	55.0	40.1 N	028.4 E	.000	19.45	111.80	BCIS
		23 12	07	P	VB				C
		23 17	35	E	EL				
		23 18	27	LQ	EL				
		23 19	37	LR	VL				
718	09	21 34	09.2	16.2 S	171.9 W	.000	146.05	353.97	USCGS
		21 53	44	P	VB				D
719	11	21 15	03.9	00.6 S	121.7 E	.000	107.46	68.96	USCGS
		21 33	50	P	VS		80.0		
		21 36	59	/PP/	VG				
		21 43	53	S	EG				
		21 44	54	E	VG				
		21 48	02	E	VG				
		21 49	08	SS	NG				
		21 53	11	E	EG				
		22 08	10	LR	VG				
		22 11	21	MQ	NG				
		22 13	52	MR	VG				
720	12	15 42	54.7	03.0 N	126.7 E	.004	107.50	62.51	USCGS
		16 01	42	P	VL				
		16 07	57	S	EL				
		16 10	45	/SS/	VL				
		16 12	02	E	VL				
		16 13	32	LQ	EL				
		16 17	37	LR	VL				
		16 23	54	LR	VL				
		16 35	34	MR	VL				
721	12	21 55	33.2	31.3 S	110.8 W	-.002	129.13	266.14	USCGS
		22 57		LQ	EG				
		23 02		LR	VG				

722 13

11	11	12	E	VL
11	11	48	E	EL
11	16	59	S	EL
11	32	26	LQ	EL
11	35	24	LR	VL
11	52	25	MR	VL

723	14	03 04	59.6	33.4 N	141.8 E	.000	88.54	34.61	USCGS
		3 28	35	S	EG				
		3 51		LQ	NG				
		3 53		LR	VG				

724	15	20 26	53.5	44.7 N	149.8 E	.003	80.75	24.31	USCGS
		20 39	03	P	VB		79.8		
		20 39	06	P	VL				C
		20 42	32	E	VL				
		20 45	34	E	EL				
		20 49	06	S	EL				
		20 49	15	SKS	VL				
		20 49	24	SCS	VL				
		20 54	25	/SS/	EL				
		20 55	15	E	VL				
		20 57	59	E	VL				
		20 58	59	LQ	EL				
		21 04	26	LR	VL				

725	16	06 59	38.6	44.3 N	149.5 E	.000	81.04	24.67	USCGS
		7 11	55	P	VG		80.6		C
		7 14	59	PP	VG				
		7 22	02	S	NG				
		7 22	12	SKS	NG				
		7 22	52	PS	NG				
		7 27	29	/SS/	NG				
		7 31	15	/SSS/	NG				
		7 37	41	LR	NG				
		7 42	28	MQ	EG				
		7 58	53	MR	VG				

726	16	08 18	28.3	44.6 N	149.4 E	.000	80.74	24.62	USCGS
		8 30	43	P	VB		82.0		
		8 40	57	S	EL				

727	16	09 18	16.6	44.5 N	149.1 E	.000	80.75	24.86	USCGS
		9 30	32	P	VB				

728	16	12 04 12 16	05.3 01	44.6 N P	149.5 E NB	.000	80.76	24.55	USCGS
729	16	12 37 12 48	26.8 59	44.3 N P	149.4 E EB	.000	81.01	24.73	USCGS
730	17	01 38 1 57 2 09 2 21 2 33	36.0 55 59 50 55	07.0 S P E LR MR	155.8 E VB VL VL VL	.004	130.70	39.10	USCGS D
731	17	05 55 6 15 6 15	54.4 31 47	22.3 S P E	171.5 E VB VB	.013	150.38	25.11	USCGS D
732	17	09 50 9 55 9 59 10 01	29.0 15 10 08	34.7 N P S LR	025.5 E VB VL VL	.000	21.67 21.6	127.32	BCIS C
733	17	14 48 14 57 15 06	10.9 11 56	26.7 N P LR	044.6 W VB VL	.000	44.03	256.74	USCGS C
734	18	06 16 6 28 6 38 6 44 6 55	35.2 51 41 53 30	44.4 N P S E LR	149.7 E VB VL VL VL	.000	81.00 77.4	24.49	USCGS D
735	18	09 06 9 17 9 45 9 50	26.0 35 23 43	02.9 N P LQ LR	065.7 E VB EG VG	.000	69.53	111.09	USCGS
736	18	12 32	24.1	07.0 S	124.0 E	.085	113.91	71.15	USCGS

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12 46	16	P	VB	75.5	C
12 49	15	/PP/	VG		
12 51	11	E	VG		
12 52	32	E	VG		
12 55	04	E	VG		
12 55	56	S	EG		
12 56	25	SKS	VG		
12 57	03	E	EG		
12 58	09	E	NG		
13 00	04	E	NG		
13 01	51	E	EG		
13 02	21	E	EG		
13 03	29	E	VG		
13 03	59	E	NG		
13 04	19	E	NG		
13 08	01	E	EG		
13 09	47	E	NG		
13 10	01	E	EG		
13 14	10	E	NG		
13 15	25	E	NG		
13 22	29	E	NG		

737 18

12 50	03	P	EB	75.7	
12 53	02	PP	VG		
12 59	44	S	VB		
13 00	35	PPS	EG		
13 04	38	SS	VG		
13 13	49	LQ	EG		
13 00	46	P	VB		C
13 31	31	LQ	NG		
13 32	47	LR	EG		
13 37	23	MQ	NG		

738 18 21 25 29.9 28.0 N 054.7 E .005 43.69 101.11 USCGS
 21 33 31 E VB

739 19 22 14 44 P VB 20.0 C
 22 18 24 S VL
 22 19 16 LR VL

740 21 07 38 31.0 44.8 N 111.6 W .000 70.34 317.36 USCGS
 7 52 09 P VB 45.8
 7 58 53 S VL
 8 03 16 /SSS/ VL

		8	10	31	LR	VL					
741	21	19	17	51.0	36.3 N	004.5 E	.000	13.79	180.32		BCIS
		19	21	04	P	VB					
		19	24	51	LR	VL					
742	21	23	09	18.8	28.1 N	093.8 E	.001	68.42	71.66		USCGS
		23	20	21,1	P	VB		68.4			C
		23	22	56	PP	VL					
		23	29	22	S	VL					
		23	33	59	/SS/	VL					
		23	37	11	LR	VL					
		23	43	35	MR	VL					
743	23	01	56	03.2	19.8 N	056.0 W	.000	56.21	260.52		USCGS
		2	05	42	P	VL		55.6			C
		2	13	27	S	EL					
744	23	21	06	24.2	44.0 N	147.5 E	.002	80.76	26.13		USCGS
		21	18	38,2	P	NB		80.6			
		21	21	41	PP	VL					
		21	28	45	S	EL					
		21	33	55	/SS/	EL					
		21	38	43	LQ	EL					
		21	43	37	LR	EL					
745	25	22	56	32.8	02.0 S	079.0 W	.004	87.35	263.81		USCGS
		23	09	12	P	VL		84.6			C
		23	09	25	E	EL					
		23	12	25	PP	EL					
		23	19	12	E	VL					
		23	19	39	S	EL					
		23	20	01	E	EL					
		23	34	39	LR	EL					
746	27	19	46	11.0	47.7 N	016.1 E	.000	7.94	103.16		BCIS
		19	48	06,7	PN	VL		7.1			C
		19	48	23	P*	VL					
		19	48	41	PG	EL					
		19	49	28,7	SN	EL					
		19	49	45	E	VL					
		19	49	55	S*	VL					

19 50 17 SG VL
19 50 25 MR VL

747 27

21 45 18 P VL
21 45 28 E VL
21 53 18 S EL
21 57 28 E EL
22 00 58 LR VL
22 16 18 MQ EL
22 25 20 MR VL

D

748 28

19 35 15.8 36.1 N 071.3 E .014 49.01 79.86 USCGS
19 45 05 E VL
19 50 41 E EL
19 58 43 LR EL

749 28

22 59 41.0 47.7 N 016.1 E .015 7.94 103.16 BCIS
23 02 55 /SN/ VS
23 03 52 /SG/ VS
23 04 01 LR EL

750 29

04 35 55.0 43.1 N 020.7 E .000 13.07 116.20 BCIS
4 39 20 E VS
4 42 04 E VL
4 42 24 E EL
4 42 48 E VL
4 44 08 LR VL

751 30

02 53 40.8 12.1 S 065.7 E .000 81.66 120.10 USCGS
3 12 29 LQ EG
3 15 34 LR VG

752 30

17 13 13.8 56.6 N 152.2 W .000 71.85 346.77 USCGS
17 24 19 P VB
17 33 44 S EL
17 42 11 LR VL

753 31

18 54 28.6 08.8 N 126.6 E .006 102.69 59.22 USCGS
19 36 28 LR EL

		19 41 28	LR	VL					
		19 44 09	MR	EL					
754	01	12 26 06.2	03.1 N	128.1 E	.005	108.27	61.28		USCGS
		12 44 08	/P/	VL					
		12 46 14	E	VL					
		12 49 54	E	EL					
		12 50 28	E	EL					
		12 53 02	E	VL					
		12 59 18	E	VL					
		13 04 48	E	VL					
		13 15 38	MQ	EL					
		13 18 40	MR	VL					
755	02	06 50 58.2	04.1 S	076.9 O	.009	87.59	260.87		USCGS
		7 02 32	IP	VL					D
		7 12 49	E	EL					
		7 13 03	E	EL					
		7 13 41	E	EL					
		7 16 05	LQ	EL					
		7 17 33	LR	VL					
		7 25 41	MR	VL					
756	02	22 59 38.0	44.3 N	011.4 E	.000	7.42	138.79		BCIS
		23 01 32	PN	EL					
		23 01 40	E	VL					
		23 01 47	P*	EL					
		23 02 20	E	EB					
757	03	14 55 40.1	44.6 N	149.0 E	.000	80.80	24.92		USCGS
		15 31	LQ	EL					
		15 36	LR	VL					
758	05	20 55 46.0	34.6 N	023.5 E	.000	20.76	131.07		BCIS
		21 06	LQ	EL					
		21 09	LR	VL					
759	07	14 49 13.4	45.5 N	150.3 E	.000	80.32	23.71		USCGS
		15 00 58	P	VL					
		15 12 33	E	EL					
		15 17 26	LR	VL					
		15 25 29	MQ	EL					

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15 34 49 MR VL

760	07	18 37	43.7	00.4 N	100.1 E	.012	93.18	85.53	USCGS
		19 01	58	E	EL				
		19 03	50	E	EL				
		19 08	58	LQ	EL				
		19 13	59	LR	VL				
		19 20	56	MQ	EL				
		19 37	30	MR	VL				

761	08	02 43	57.0	49.0 S	163.7 E	.000	166.26	93.41	USCGS
		3 04	33	PKP	VL				
		3 09	25	E	EL				
		3 15	49	E	EL				
		3 19	25	E	VL				
		3 19	51	E	EL				
		3 23	15	E	EL				
		3 28	51	E	VL				
		3 29	57	E	EL				
		3 33	37	E	EL				
		3 37	11	E	EL				
		3 59	02	LR	VL				
		4 15	57	MR	VL				

762	08	10 33	26.0	29.4 N	050.7 E	.000	40.24	103.27	BCIS
		10 54	22	LR	VL				

763	09	08 05	44.0	40.2 N	048.6 E	.000	32.15	90.79	BCIS
		8 12	01	P	VB				C

764	09	16 12	50.6	29.5 N	086.0 E	.000	62.70	75.94	USCGS
		16 41	40	LR	VL				

765	11	08 01	26.1	59.4 N	144.6 O	.000	68.10	343.59	USCGS
		8 34	24	MR	VL				

766	14	03 56	06.0	33.6 N	131.6 E	.004	84.43	42.05	USCGS
		4 08	32	P	VB				

767	15	15 52	21.5	24.0 N	122.2 E	.001	87.93	54.19	USCGS
		16 15	59	E	EL				
		16 33	54	LQ	EL				
		16 39	40	LR	VL				
768	15	20 03	52.0	34.8 N	005.4 O	.000	16.94	209.34	BCIS
		20 07	48	P	VB				C
		20 08	01	PP	NB				
		20 11	26	LQ	EL				
		20 12	16	LR	VL				
		20 14	09	MR	VL				
769	16	05 27	32.0	39.6 N	039.9 E	.000	26.91	99.34	BCIS
		5 40	21	LQ	EL				
		5 44	41	LR	VL				
770	16	06 00	00.0	49.7 N	078.0 E	.000	45.50	60.79	BCIS
		6 08	21	P	VB				
		6 08	22	I	VB				
771	17	08 15	39.3	05.7 S	150.7 E	.002	127.39	44.32	USCGS
		8 34	40	PKP	VB				D
		8 36	31	E	EL				
772	17	19 00	10.4	12.7 N	144.9 E	.002	108.47	41.07	USCGS
		19 34	41	E	EL				
		19 44	48	LQ	EL				
		19 53	05	LR	VL				
773	18	05 01	41.4	31.2 S	067.6 O	.000	102.93	236.87	USCGS
		5 45	57	LQ	EL				
		5 50	43	LR	VL				
774	18	14 34	54.5	06.0 S	148.2 E	.003	126.49	47.25	USCGS
		14 50	50	P	VL				
		14 53	42	/PKP/	VL				
		14 55	50	PP	VL				
		14 57	17	PKS	EL				
		14 58	34	E	VL				
		15 06	01	E	EL				

		15 07	28	E	VL					
		15 12	48	LR	EL					
		15 18	02	LR	VL					
		15 26	40	MQ	EL					
		15 36	54	MR	VL					
775	18	22 21	01.9	20.2 S	174.1 O	.000	150.17	357.54		USCGS
		22 40	50	PKP	VL					C
		23 03	38	E	EL					
		23 24	10	E	EL					
		23 43	40	LR	EL					
776	19	15 45	31.2	03.4 S	150.1 E	.001	125.08	43.71		USCGS
		16 39	47	LQ	EL					
		16 45	13	LR	VL					
777	19	23 35	06.0	06.0 S	150.8 E	.000	127.70	44.37		USCGS
		23 54	13	PKP	VL					C
		23 54	23	E	VL					
		23 56	10	E	VL					
		23 56	34	E	EL					
778	20	09 50	13.5	00.2 S	018.2 O	.000	53.71	208.71		USCGS
		10 12	40	L	EL					
779	20	23 33	08.9	44.6 N	149.7 E	.000	80.99	24.45		USCGS
		23 45	24.3	P	VL					C
		23 55	38	S	EL					
		24 01	31	E	VL					
		24 08	56	LQ	EL					
		24 14	10	LR	VL					
780	21	15 34	13.2	12.8 N	145.2 E	.000	108.51	40.75		USCGS
		16 16	19	LQ	EL					
		16 26	41	LR	VL					
781	22	00 02	33.3	24.0 N	045.4 O	.000	46.51	254.88		USCGS
		17 49		E	VL					
		22 52		LR	VL					

782	23	22 15 22 50	47.0 28	00.1 S LR	124.5 E EL	.005	108.77	66.31	USCGS
783	24	01 38 2 34 2 43	49.6 55 26	06.3 S LQ LR	150.7 E EL VL	.000	127.92	44.66	USCGS
784	24	10 41 11 00 11 08 11 29	33.5 49 31 23	06.8 S PKP E LR	107.4 E VL VL EL	.014	103.32	84.54	USCGS
785	24	12 40 12 54 12 59 12 59 13 05 13 06 13 07 13 12 13 21 13 23	51.4 33 21 35 09 59 31 15 25 59	13.1 N P PP I SKS PS PPS SS LQ LR	124.7 E VL EL VL EL EL EL EL EL EL VL	.000	98.18 94.0	58.38	USCGS C
786	28	16 41 16 53	33.4 15.0	07.7 S P	071.2 O VB	.093	86.78	254.21	USCGS D
787	28	16 49 17 01 17 02 17 03 17 03 17 05 17 08	30.3 11 59 28 57 47 47	08.0 S P S E E LQ LR	071.4 O VB VL VB VL EL VL	.097	87.13 9.4	254.17	USCGS D
788	29	16 54 17 46	25.8 19	55.5 S LR	026.0 O VL	.000	108.18	197.76	USCGS
789	30	04 11 4 22	42.9 07	71.8 N LR	002.7 O VL	.000	22.05	353.89	USCGS

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790	30	12 27	38.6	06.8 N	094.8 E	.000	84.92	85.48	USCGS
		12 40	13	P	VB	.00	85.0		C
		12 40	19	E	VB				
		12 43	30	PP	VL				
		12 50	38	S	EL				
		12 51	36	SP	EL				
		12 56	20	SS	EL				
		13 00	20	LR	EL				
		13 09	40	MQ	EL				
		13 11	10	MR	VL				
791	03	03 50	01.2	15.0 S	066.8 E	.002	84.55	120.84	USCGS
		4 02	32	P	VL				C
		4 26	36	LQ	EL				
		4 29	58	LR	VL				
792	04	01 54	49.3	07.8 N	102.7 O	.000	94.93	288.26	USCGS
		2 39	37	LR	VL				
793	06	04 27	16.0	02.3 S	138.3 E	.000	118.34	55.18	USCGS
		5 24	08	LR	VL				
794	07	08 58	43.8	05.4 S	151.3 E	.003	127.39	43.48	USCGS
		9 17	/37/	PKP	VB				
		9 20	47	E	VL				
		9 30	35	E	VL				
		9 32	31	E	VL				
		9 42	25	E	VL				
		9 52	01	LR	VL				
		10 01	07	MR	VL				
795	07	18 52	47.6	06.7 N	082.2 O	.000	82.80	271.86	USCGS
		19 24	32	LR	VL				
		19 31	54	MR	VL				
796	09	13 35	42.4	27.5 S	063.2 O	.087	97.66	236.10	USCGS
		13 57	57	PKP	VS				C
797	09	14 01	59	P	VL		15.4		

		14 04 51		S	VL					
		14 11 45		LR	VL					
798	10	15 11 05.5		40.4 N	138.9 E	.000	81.42	33.56		USCGS
		15 22 52		P	VL		81.8		C	
		15 26 00		PP	VL					
		15 33 05		S	VL					
		15 33 41		E	VL					
		15 38 20		SS	VL					
		15 44 12		SSSS	VL					
		15 47 42		LR	VL					
		15 56 38		MR	VL					
799	11	23 30 51.4		40.2 N	139.0 E	.007	81.63	33.58		USCGS
		8 45		P	VB					
		19 32		LR	VL					
800	11	12 48 08.9		29.0 N	053.2 E	.007	42.09	101.40		USCGS
		12 57 30		P	NB					
		12 57 36		E	EB					
		12 57 42		E	NB					
801	11	16 04 58.2		38.9 N	130.0 E	.081	79.26	40.35		USCGS
		16 19 41		E						
		16 19 49		E						
802	14	01 59 05.6		54.3 S	002.4 O	.000	104.10	184.22		USCGS
		2 36 01		E	VL					
		2 57 21		MR	VL					
803	15									
		4 25 42		P	VB					
		4 29 45		S	VL				C	
		4 31 20		LR	VL					
804	15	12 13 25.8		14.7 N	091.7 O	.013	82.82	284.21		USCGS
		12 25 38		P	VB		83.2		D	
		12 25 57		E	VB					
		12 28 49		PP	VL					
		12 35 59		S	VL					

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		12	50	21	MR	VL					
805	16	03	55	17.4	06.0 N	125.3 E	.014	104.31	61.96		USCGS
		4	44	29	LR	VL					
806	17	05	18	34.8	45.4 N	150.1 E	.000	80.36	23.88		USCGS
		5	30	45,8	P	VB				D	
		5	31	07	E	VL					
		5	40	54	S	VL					
		5	46	13	E	VL					
		5	56	34	LR	VL					
		6	02	37	MR	VL					
807	17	22	39	52.0	50.7 N	006.0 E	.000	1.08	55.55		BCIS
		22	40	11,8	/PG/	VB		1.2		C	
		22	40	14,6	IPN	NB					
		22	40	19,3	/SG/	NB					
		22	40	28,3	ISG	VB					
808	17	23	44	46.2	51.4 N	177.9 O	.004	78.96	1.59		BCIS
		23	56	44	P	VB		79.7		C	
		23	59	49	PP	VL					
		24	06	46	S	VL					
		24	07	09	SCS	VL					
		24	11	25	E	VL					
		24	17	21	LQ	EL					
		24	22	25	LR	VL					
809	20	05	37	12.0	47.7 N	016.1 E	.000	7.95	103.14		BCIS
		5	39	08	PN	VB		7.1			
		5	39	25	P*	EB					
		5	39	43	PG	VB					
		5	40	31	SN	VB					
		5	40	57	S*	NB					
		5	41	22	LR	NB					
810	20	11	26	32.6	20.1 S	177.7 O	.067	150.03	4.32		USCGS
		11	45	30	PKP	VB					
811	20	13	31	54.7	37.5 N	141.6 E	.001	84.95	32.99		USCGS

		14	13	55	LR	VL						
812	22	00	24	48.7	09.5 S	071.3 O	.091	88.23	253.16		C	USCGS
			36	37	P	VB						
			38	47	*PP	VB						
813	22	00	46	33.0	21.3 S	179.3 O	.099	151.11	7.53		C	USCGS
		1	05	14	PKP	VB						
814	22	04	36	34.0	28.1 N	056.9 E	.000	45.05	99.06		C	BCIS
		4	44	48	P	VB						
		4	46	48	/PP/	VL						
		4	51	41	/S/	EL						
		4	54	49	LR	VL						
		5	00	37	MR	VL						
815	22	08	01	12.6	18.4 N	068.8 O	.013	65.47	269.65		C	USCGS
		8	11	44	P	VL						
816	22	20	54	35.3	31.9 N	117.1 O	.000	83.46	313.24			BCIS
		21	07	06	P	NB		87.0				
		21	17	43	S	VL						
		21	27	05	SSS	VL						
		21	32	43	E	VL						
		21	34	55	LR	VL						
		21	38	09	MR	VL						
817	23	19	47	59.3	30.3 N	131.1 E	.000	87.02	44.12			USCGS
		20	00	43	P	VB		86.0			D	
		20	11	27	S	VL						
		20	18	27	E	VL						
		20	29	55	LR	VL						
818	24	14	50	14.1	PG	VB		.5			C	
		14	50	20.4	SG	VB						
819	24	18	45	45.5	04.4 S	153.1 E	.010	127.28	40.90			USCGS

16	35	04,6	PKP2	VB
16	35	13,0	I	VB
16	36	28	I	VL
16	37	11	*PPKP	VL
16	37	18,4	I	VB
16	40	53	*PPP	VL
16	41	03	ISKS	VL
16	44	09	E	VL

827	29	06 39	08.0	51.5 N	174.8 O	.000	78.88	359.61	USCGS
		6 51	08,2	P	VB				
		6 51	23	E	VL				
		7 01	31	LR	VL				

828	30	03 10	13.0	48.4 N	017.2 E	.000	8.42	96.80	BCIS
		3 12	00	P	VB				
		3 14	46	E	NB				

829	31	16 18	03.0	35.8 N	025.6 E	.011	20.89	125.19	BCIS
		16 22	38,7	P	VB				D

