

Coordonnées station: **Lat 48.0345, Lon -1.7601**

Magnitude: **Mw 5.6**

Region: **ANDREANOF ISLANDS, ALEUTIAN IS.**

Date heure **2013-09-04 06:16:48.00 UTC**
épicentre:

Localisation: **Lat 51.6100, Lon -174.6800**

Profondeur: **10 km**

Distance: **~ 8941.2 km (80.41 deg)**

Azimut: **355.55 deg**

Incidence: **4.45 deg**

Modèle: **iasp91**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
P	730.501	2013-09-04 06:28:58.50	16.35
pP	733.810	2013-09-04 06:29:01.81	163.64
sP	735.092	2013-09-04 06:29:03.09	170.61
PcP	737.517	2013-09-04 06:29:05.51	13.17
PP	912.476	2013-09-04 06:32:00.47	25.69
PKiKP	1059.816	2013-09-04 06:34:27.81	4.65
pPKiKP	1063.253	2013-09-04 06:34:31.25	175.35
sPKiKP	1064.507	2013-09-04 06:34:32.50	177.31
SKiKP	1273.783	2013-09-04 06:38:01.78	2.79
S	1336.038	2013-09-04 06:39:04.03	18.52
pS	1340.302	2013-09-04 06:39:08.30	146.71
sS	1341.682	2013-09-04 06:39:09.68	161.47
SKSac	1347.070	2013-09-04 06:39:15.07	12.13
SKKSac	1349.660	2013-09-04 06:39:17.66	13.14
pSKSac	1351.587	2013-09-04 06:39:19.58	158.72
sSKSac	1352.890	2013-09-04 06:39:20.88	167.87

Modèle: **ak135**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
P	730.459	2013-09-04 06:28:58.45	16.37
pP	733.767	2013-09-04 06:29:01.76	163.62
sP	734.962	2013-09-04 06:29:02.96	170.31
PcP	737.726	2013-09-04 06:29:05.72	13.17
PP	912.711	2013-09-04 06:32:00.71	25.70
PKiKP	1060.021	2013-09-04 06:34:28.02	4.65
pPKiKP	1063.458	2013-09-04 06:34:31.45	175.35
sPKiKP	1064.626	2013-09-04 06:34:32.62	177.23
SKiKP	1273.977	2013-09-04 06:38:01.97	2.87
S	1335.356	2013-09-04 06:39:03.35	19.14
pS	1339.527	2013-09-04 06:39:07.52	146.62
sS	1340.818	2013-09-04 06:39:08.81	160.84
SKSac	1348.098	2013-09-04 06:39:16.09	12.52
SKKSac	1350.021	2013-09-04 06:39:18.02	13.61
pSKSac	1352.526	2013-09-04 06:39:20.52	158.67
sSKSac	1353.742	2013-09-04 06:39:21.74	167.47

ScS	1355.650	2013-09-04	06:39:23.64	14.28	ScS	1355.829	2013-09-04	06:39:23.82	14.73
SPn	1379.368	2013-09-04	06:39:47.36	22.28	SPn	1378.589	2013-09-04	06:39:46.58	22.98
PnS	1380.818	2013-09-04	06:39:48.81	40.88	PnS	1379.946	2013-09-04	06:39:47.94	40.86
SS	1647.494	2013-09-04	06:44:15.49	26.90	SS	1645.865	2013-09-04	06:44:13.86	27.80
PKKPdf	1841.867	2013-09-04	06:47:29.86	4.82	PKKPdf	1842.849	2013-09-04	06:47:30.84	4.87
PKKPbc	1853.956	2013-09-04	06:47:41.95	6.89	PKKPbc	1853.772	2013-09-04	06:47:41.77	6.70
SKKPdf	2055.841	2013-09-04	06:51:03.84	2.70	SKKPdf	2056.863	2013-09-04	06:51:04.86	2.79
PKKSdf	2057.095	2013-09-04	06:51:05.09	4.66	PKKSdf	2058.031	2013-09-04	06:51:06.03	4.68
SKKPbc	2071.089	2013-09-04	06:51:19.08	3.71	SKKPbc	2070.663	2013-09-04	06:51:18.66	3.79
PKKSbc	2072.346	2013-09-04	06:51:20.34	6.41	PKKSbc	2071.833	2013-09-04	06:51:19.83	6.35
SKKSdf	2270.859	2013-09-04	06:54:38.85	2.61	SKKSdf	2271.802	2013-09-04	06:54:39.80	2.69
P'P'df	2337.600	2013-09-04	06:55:45.59	5.39	P'P'df	2338.598	2013-09-04	06:55:46.59	5.45
S'S'df	3199.515	2013-09-04	07:10:07.51	2.81	S'S'df	3200.580	2013-09-04	07:10:08.57	2.93
S'S'ac	3211.037	2013-09-04	07:10:19.03	4.01	S'S'ac	3210.990	2013-09-04	07:10:18.99	4.02
Love	2463.140	2013-09-04	06:57:51.13						
Rayleigh	2980.399	2013-09-04	07:06:28.39						





Coordonnées station: **Lat 48.0345, Lon -1.7601**

Magnitude: **Mw 5.9**

Region: **ANDREANOF ISLANDS, ALEUTIAN IS.**

Date heure
épïcètrè: **2013-09-04 06:27:03.00 UTC**

Localisation: **Lat 51.7100, Lon -174.8400**

Profondeur: **10 km**

Distance: **~ 8931.0 km (80.32 deg)**

Azimut: **355.66 deg**

Incidence: **4.34 deg**

Modèle: **iasp91**

Modèle: **ak135**

Type

Durée t

Date Heure UTC

Take off |

Type

Durée t

Date Heure UTC

Take off

Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)	Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
P	730.008	2013-09-04 06:39:13.00	16.37	P	729.965	2013-09-04 06:39:12.96	16.39
pP	733.317	2013-09-04 06:39:16.31	163.61	pP	733.273	2013-09-04 06:39:16.27	163.59
sP	734.599	2013-09-04 06:39:17.59	170.60	sP	734.468	2013-09-04 06:39:17.46	170.30
PcP	737.118	2013-09-04 06:39:20.11	13.17	PcP	737.327	2013-09-04 06:39:20.32	13.17
PP	911.717	2013-09-04 06:42:14.71	25.70	PP	911.952	2013-09-04 06:42:14.95	25.71
PKiKP	1059.674	2013-09-04 06:44:42.67	4.65	PKiKP	1059.879	2013-09-04 06:44:42.87	4.65
pPKiKP	1063.111	2013-09-04 06:44:46.11	175.35	pPKiKP	1063.316	2013-09-04 06:44:46.31	175.35
sPKiKP	1064.365	2013-09-04 06:44:47.36	177.31	sPKiKP	1064.484	2013-09-04 06:44:47.48	177.23
SKiKP	1273.636	2013-09-04 06:48:16.63	2.79	SKiKP	1273.830	2013-09-04 06:48:16.82	2.87
S	1335.077	2013-09-04 06:49:18.07	18.54	S	1334.394	2013-09-04 06:49:17.39	19.16
pS	1339.340	2013-09-04 06:49:22.34	146.67	pS	1338.564	2013-09-04 06:49:21.56	146.58
sS	1340.721	2013-09-04 06:49:23.72	161.44	sS	1339.854	2013-09-04 06:49:22.85	160.82
SKSac	1346.435	2013-09-04 06:49:29.43	12.14	SKSac	1347.462	2013-09-04 06:49:30.46	12.54
SKKSac	1348.974	2013-09-04 06:49:31.97	13.14	SKKSac	1349.331	2013-09-04 06:49:32.33	13.61
pSKSac	1350.951	2013-09-04 06:49:33.95	158.69	pSKSac	1351.889	2013-09-04 06:49:34.88	158.64
sSKSac	1352.254	2013-09-04 06:49:35.25	167.85	sSKSac	1353.104	2013-09-04 06:49:36.10	167.45
ScS	1354.904	2013-09-04 06:49:37.90	14.28	ScS	1355.083	2013-09-04 06:49:38.08	14.73
SPn	1378.222	2013-09-04 06:50:01.22	22.30	SPn	1377.443	2013-09-04 06:50:00.44	22.99
PnS	1379.672	2013-09-04 06:50:02.67	40.90	PnS	1378.800	2013-09-04 06:50:01.80	40.89
SS	1646.127	2013-09-04 06:54:29.12	26.91	SS	1644.497	2013-09-04 06:54:27.49	27.81
PKKPdf	1842.014	2013-09-04 06:57:45.01	4.82	PKKPdf	1842.998	2013-09-04 06:57:45.99	4.86
PKKPbc	1854.166	2013-09-04 06:57:57.16	6.88	PKKPbc	1853.977	2013-09-04 06:57:56.97	6.70
SKKPdf	2055.983	2013-09-04 07:01:18.98	2.70	SKKPdf	2057.005	2013-09-04 07:01:20.00	2.79
PKKSdf	2057.238	2013-09-04 07:01:20.23	4.66	PKKSdf	2058.174	2013-09-04 07:01:21.17	4.68
SKKPbc	2071.284	2013-09-04 07:01:34.28	3.70	SKKPbc	2070.857	2013-09-04 07:01:33.85	3.78
PKKSbc	2072.541	2013-09-04 07:01:35.54	6.40	PKKSbc	2072.027	2013-09-04 07:01:35.02	6.35
SKKSdf	2270.996	2013-09-04 07:04:53.99	2.60	SKKSdf	2271.939	2013-09-04 07:04:54.93	2.68
P'P'df	2337.764	2013-09-04 07:06:00.76	5.38	P'P'df	2338.765	2013-09-04 07:06:01.76	5.44
S'S'df	3199.663	2013-09-04 07:20:22.66	2.81	S'S'df	3200.729	2013-09-04 07:20:23.72	2.92
S'S'ac	3211.248	2013-09-04 07:20:34.24	4.00	S'S'ac	3211.196	2013-09-04 07:20:34.19	4.01

Love 2460.337 2013-09-04 07:08:03.33
Rayleigh 2977.008 2013-09-04 07:16:40.00



Coordonnées station: **Lat 48.0345, Lon -1.7601**

Magnitude:**mb 5.1**

Region:**ANDREANOF ISLANDS, ALEUTIAN IS.**

Date heure
épïcèntre:**2013-09-04 06:54:13.00 UTC**

Localisation:**Lat 51.6500, Lon -174.6400**

Profondeur:**10 km**

Distance:~ **8936.5 km (80.37 deg)**

Azimut:**355.52 deg**

Incidence:**4.48 deg**

Modèle: **iasp91**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
P	730.275	2013-09-04 07:06:23.27	16.36
pP	733.584	2013-09-04 07:06:26.58	163.63
sP	734.866	2013-09-04 07:06:27.86	170.60
PcP	737.334	2013-09-04 07:06:30.33	13.17
PP	912.128	2013-09-04 07:09:25.12	25.69
PKiKP	1059.751	2013-09-04 07:11:52.75	4.65
pPKiKP	1063.188	2013-09-04 07:11:56.00	175.35
sPKiKP	1064.442	2013-09-04 07:11:57.44	177.31
SKiKP	1273.715	2013-09-04 07:15:26.71	2.79
S	1335.597	2013-09-04 07:16:28.59	18.53
pS	1339.861	2013-09-04 07:16:32.86	146.69
sS	1341.241	2013-09-04 07:16:34.24	161.46
SKSac	1346.779	2013-09-04 07:16:39.77	12.13
SKKSac	1349.345	2013-09-04 07:16:42.34	13.14
pSKSac	1351.296	2013-09-04 07:16:44.29	158.71
sSKSac	1352.599	2013-09-04 07:16:45.59	167.86
ScS	1355.308	2013-09-04 07:16:48.30	14.28
SPn	1378.843	2013-09-04 07:17:11.84	22.29
PnS	1380.293	2013-09-04 07:17:13.29	40.89

Modèle: **ak135**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
P	730.232	2013-09-04 07:06:23.23	16.38
pP	733.541	2013-09-04 07:06:26.54	163.61
sP	734.735	2013-09-04 07:06:27.73	170.31
PcP	737.543	2013-09-04 07:06:30.54	13.17
PP	912.363	2013-09-04 07:09:25.36	25.71
PKiKP	1059.956	2013-09-04 07:11:52.95	4.65
pPKiKP	1063.393	2013-09-04 07:11:56.39	175.35
sPKiKP	1064.561	2013-09-04 07:11:57.56	177.23
SKiKP	1273.909	2013-09-04 07:15:26.90	2.87
S	1334.915	2013-09-04 07:16:27.91	19.15
pS	1339.086	2013-09-04 07:16:32.08	146.60
sS	1340.376	2013-09-04 07:16:33.37	160.83
SKSac	1347.807	2013-09-04 07:16:40.80	12.53
SKKSac	1349.705	2013-09-04 07:16:42.70	13.61
pSKSac	1352.234	2013-09-04 07:16:45.23	158.65
sSKSac	1353.449	2013-09-04 07:16:46.44	167.46
ScS	1355.487	2013-09-04 07:16:48.48	14.73
SPn	1378.064	2013-09-04 07:17:11.06	22.99
PnS	1379.421	2013-09-04 07:17:12.42	40.88

SS 1646.867 2013-09-04 **07:21:39.86**
 PKKPdf 1841.934 2013-09-04 **07:24:54.93**
 PKKPbc 1854.052 2013-09-04 **07:25:07.05**
 SKKPdf 2055.906 2013-09-04 **07:28:28.90**
 PKKSdf 2057.160 2013-09-04 **07:28:30.16**
 SKKPbc 2071.179 2013-09-04 **07:28:44.17**
 PKKSbc 2072.435 2013-09-04 **07:28:45.43**
 SKKSdf 2270.922 2013-09-04 **07:32:03.92**
 P'P'df 2337.675 2013-09-04 **07:33:10.67**
 S'S'df 3199.583 2013-09-04 **07:47:32.58**
 S'S'ac 3211.134 2013-09-04 **07:47:44.13**

Love 2461.854 2013-09-04 07:35:14.85
 Rayleigh 2978.844 2013-09-04 07:43:51.84



26.90	SS 1645.238 2013-09-04 07:21:38.23	27.80
4.82	PKKPdf 1842.918 2013-09-04 07:24:55.91	4.87
6.88	PKKPbc 1853.866 2013-09-04 07:25:06.86	6.70
2.70	SKKPdf 2056.928 2013-09-04 07:28:29.92	2.79
4.66	PKKSdf 2058.096 2013-09-04 07:28:31.09	4.68
3.71	SKKPbc 2070.752 2013-09-04 07:28:43.75	3.78
6.41	PKKSbc 2071.922 2013-09-04 07:28:44.92	6.35
2.61	SKKSdf 2271.865 2013-09-04 07:32:04.86	2.69
5.38	P'P'df 2338.675 2013-09-04 07:33:11.67	5.45
2.81	S'S'df 3200.649 2013-09-04 07:47:33.64	2.92
4.01	S'S'ac 3211.085 2013-09-04 07:47:44.08	4.02



