

Id	Time	MsgType	Range	AzDegs	MC	M3	Lat	Lon	Declat	Declon	Date
QMV	30:06.2	Reinf	22.625	85.957	6200		7325 37 56 58.722 N	122 07 21.042 W	37.9496	-122.1225	29-Jan-16
QMV	30:18.1	Reinf	22.25	85.254	6200		7325 37 57 13.596 N	122 07 50.914 W	37.9538	-122.1308	29-Jan-16
QMV	30:30.1	Reinf	22	84.375	6200		7325 37 57 32.613 N	122 08 12.012 W	37.9591	-122.1367	29-Jan-16
QMV	30:42.0	Reinf	21.75	83.408	6200		7325 37 57 53.131 N	122 08 33.725 W	37.9648	-122.1427	29-Jan-16
QMV	30:54.0	Reinf	21.5	82.354	6200		7325 37 58 15.067 N	122 08 56.157 W	37.9709	-122.1489	29-Jan-16
QMV	31:06.0	Reinf	21.25	81.387	6200		7325 37 58 34.462 N	122 09 18.691 W	37.9762	-122.1552	29-Jan-16
QMV	31:18.0	Reinf	21	80.332	6200		7325 37 58 55.209 N	122 09 41.987 W	37.982	-122.1617	29-Jan-16
QMV	31:29.9	Reinf	20.75	79.277	6200		7325 37 59 15.340 N	122 10 05.705 W	37.9876	-122.1683	29-Jan-16
QMV	31:41.9	Reinf	20.5	78.223	6200		7325 37 59 34.849 N	122 10 29.824 W	37.993	-122.175	29-Jan-16
QMV	31:53.9	Reinf	20.25	77.08	6200		7325 37 59 55.551 N	122 10 54.838 W	37.9988	-122.1819	29-Jan-16
QMV	32:05.8	Reinf	20	75.937	6200		7325 38 00 15.561 N	122 11 20.286 W	38.0043	-122.189	29-Jan-16
QMV	32:17.8	Reinf	19.875	74.707	6200		7325 38 00 38.580 N	122 11 37.572 W	38.0107	-122.1938	29-Jan-16
QMV	32:29.8	Reinf	19.625	73.564	6200		7325 38 00 57.303 N	122 12 03.900 W	38.0159	-122.2011	29-Jan-16
QMV	32:41.7	Reinf	19.375	72.334	6200		7325 38 01 17.021 N	122 12 31.263 W	38.0214	-122.2087	29-Jan-16
QMV	32:53.8	Reinf	19.25	71.016	6200		7325 38 01 40.044 N	122 12 50.757 W	38.0278	-122.2141	29-Jan-16
QMV	33:05.5	Bcn	19	69.785	6200		7325 38 01 58.320 N	122 13 19.007 W	38.0329	-122.2219	29-Jan-16
QMV	33:17.5	Bcn	18.875	68.467	6200		7325 38 02 20.146 N	122 13 39.551 W	38.0389	-122.2277	29-Jan-16
QMV	33:29.6	Reinf	18.75	67.236	6200		7325 38 02 39.837 N	122 13 59.808 W	38.0444	-122.2333	29-Jan-16
QMV	33:41.5	Reinf	18.625	65.83	6200		7325 38 03 02.167 N	122 14 22.273 W	38.0506	-122.2395	29-Jan-16
QMV	33:53.4	Reinf	18.5	64.512	6200		7325 38 03 22.346 N	122 14 44.409 W	38.0562	-122.2457	29-Jan-16
QMV	34:05.4	Reinf	18.25	63.105	6200		7325 38 03 40.099 N	122 15 16.482 W	38.0611	-122.2546	29-Jan-16
QMV	34:17.3	Bcn	18.125	61.699	6200		7325 38 04 00.432 N	122 15 40.505 W	38.0668	-122.2613	29-Jan-16
QMV	34:29.3	Reinf	18.125	60.293	6200		7325 38 04 23.828 N	122 15 56.774 W	38.0733	-122.2658	29-Jan-16
QMV	34:41.3	Reinf	18	58.799	6200		7325 38 04 44.464 N	122 16 22.999 W	38.079	-122.2731	29-Jan-16
QMV	34:53.3	Reinf	17.875	57.393	6200		7325 38 05 02.995 N	122 16 48.651 W	38.0842	-122.2802	29-Jan-16
QMV	35:05.2	Reinf	17.875	55.986	6200		7325 38 05 25.048 N	122 17 06.852 W	38.0903	-122.2852	29-Jan-16
QMV	35:17.1	Reinf	17.75	54.58	6200		7325 38 05 42.407 N	122 17 33.499 W	38.0951	-122.2926	29-Jan-16
QMV	35:29.0	Bcn	17.75	53.086	6200		7325 38 06 04.887 N	122 17 54.152 W	38.1014	-122.2984	29-Jan-16
QMV	35:40.9	Bcn	17.75	51.592	6200		7325 38 06 26.932 N	122 18 15.543 W	38.1075	-122.3043	29-Jan-16
QMV	35:52.9	Bcn	17.75	50.098	6200		7325 38 06 48.528 N	122 18 37.659 W	38.1135	-122.3105	29-Jan-16
QMV	36:04.9	Bcn	17.75	48.604	6200		7325 38 07 09.659 N	122 19 00.482 W	38.1193	-122.3168	29-Jan-16
QMV	36:16.8	Bcn	17.75	47.109	6200		7325 38 07 30.312 N	122 19 24.000 W	38.1251	-122.3233	29-Jan-16
QMV	36:28.7	Bcn	17.75	45.615	6200		7325 38 07 50.473 N	122 19 48.194 W	38.1307	-122.3301	29-Jan-16

QMV	36:40.7 Bcn	17.75	44.209	6200	7325 38 08 08.984 N	122 20 11.570 W	38.1358	-122.3365	29-Jan-16
QMV	36:52.7 Reinf	17.75	42.715	6200	7325 38 08 28.149 N	122 20 37.032 W	38.1412	-122.3436	29-Jan-16
QMV	37:04.7 Reinf	17.875	41.133	6200	7325 38 08 53.504 N	122 20 58.400 W	38.1482	-122.3496	29-Jan-16
QMV	37:16.6 Reinf	17.875	39.814	6200	7325 38 09 09.576 N	122 21 22.125 W	38.1527	-122.3561	29-Jan-16
QMV	37:28.5 Reinf	18	38.32	6100	7325 38 09 33.171 N	122 21 43.629 W	38.1592	-122.3621	29-Jan-16
QMV	37:40.6 Reinf	18.125	36.826	6200	7325 38 09 56.378 N	122 22 06.162 W	38.1657	-122.3684	29-Jan-16
QMV	37:52.5 Reinf	18.125	35.508	6200	7325 38 10 11.198 N	122 22 31.711 W	38.1698	-122.3755	29-Jan-16
QMV	38:04.4 Reinf	18.25	34.102	6200	7325 38 10 32.698 N	122 22 54.082 W	38.1757	-122.3817	29-Jan-16
QMV	38:16.4 Reinf	18.375	32.695	6200	7325 38 10 53.858 N	122 23 17.312 W	38.1816	-122.3881	29-Jan-16
QMV	38:28.3 Reinf	18.5	31.377	6200	7325 38 11 13.770 N	122 23 39.555 W	38.1872	-122.3943	29-Jan-16
QMV	38:40.3 Reinf	18.625	30.059	6300	7325 38 11 33.329 N	122 24 02.587 W	38.1926	-122.4007	29-Jan-16
QMV	38:52.3 Reinf	18.75	28.74	6200	7325 38 11 52.611 N	122 24 26.331 W	38.1979	-122.4073	29-Jan-16
QMV	39:04.3 Reinf	18.75	27.422	6200	7325 38 12 04.845 N	122 24 55.250 W	38.2013	-122.4153	29-Jan-16
QMV	39:16.2 Reinf	18.625	26.104	6300	7325 38 12 09.778 N	122 25 28.745 W	38.2027	-122.4247	29-Jan-16
QMV	39:28.2 Reinf	18.625	24.697	6200	7325 38 12 21.624 N	122 26 00.106 W	38.206	-122.4334	29-Jan-16
QMV	39:40.0 Bcn	18.625	23.379	6300	7325 38 12 32.108 N	122 26 29.871 W	38.2089	-122.4416	29-Jan-16
QMV	39:51.9 Bcn	18.625	22.061	6300	7325 38 12 42.081 N	122 26 59.918 W	38.2117	-122.45	29-Jan-16
QMV	40:04.0 Reinf	18.625	20.742	6300	7325 38 12 51.503 N	122 27 30.251 W	38.2143	-122.4584	29-Jan-16
QMV	40:16.0 Reinf	18.625	19.424	6300	7325 38 13 00.370 N	122 28 00.852 W	38.2168	-122.4669	29-Jan-16
QMV	40:28.0 Reinf	18.75	18.105	6300	7325 38 13 15.812 N	122 28 28.735 W	38.2211	-122.4746	29-Jan-16
QMV	40:39.9 Reinf	18.75	16.787	6300	7325 38 13 23.607 N	122 29 00.035 W	38.2232	-122.4833	29-Jan-16
QMV	40:51.8 Reinf	18.75	15.469	6300	7325 38 13 30.829 N	122 29 31.555 W	38.2252	-122.4921	29-Jan-16
QMV	41:03.7 Reinf	18.625	14.15	6100	7325 38 13 30.262 N	122 30 05.594 W	38.2251	-122.5016	29-Jan-16
QMV	41:15.8 Reinf	18.5	12.92	6100	7325 38 13 28.585 N	122 30 37.312 W	38.2246	-122.5104	29-Jan-16
QMV	41:27.7 Reinf	18.25	11.689	6000	7325 38 13 19.015 N	122 31 10.705 W	38.2219	-122.5196	29-Jan-16
QMV	41:39.7 Reinf	18.125	10.371	5900	7325 38 13 16.504 N	122 31 43.771 W	38.2213	-122.5288	29-Jan-16
QMV	41:51.6 Reinf	18	8.965	5800	7325 38 13 13.621 N	122 32 18.615 W	38.2205	-122.5385	29-Jan-16
QMV	42:03.5 Bcn	17.875	7.646	5700	7325 38 13 09.817 N	122 32 51.060 W	38.2194	-122.5475	29-Jan-16
QMV	42:15.5 Bcn	17.75	6.24	5600	7325 38 13 05.580 N	122 33 25.228 W	38.2182	-122.557	29-Jan-16
QMV	42:27.3 Bcn	17.625	4.834	5500	7325 38 13 00.661 N	122 33 59.020 W	38.2169	-122.5664	29-Jan-16
QMV	42:39.4 Reinf	17.5	3.516	5400	7325 38 12 54.976 N	122 34 30.377 W	38.2153	-122.5751	29-Jan-16
QMV	42:51.4 Reinf	17.375	2.109	5300	7325 38 12 48.771 N	122 35 03.368 W	38.2135	-122.5843	29-Jan-16
QMV	43:03.3 Reinf	17.375	0.791	5100	7325 38 12 49.438 N	122 35 33.775 W	38.2137	-122.5927	29-Jan-16
QMV	43:15.3 Reinf	17.25	359.385	5000	7325 38 12 41.996 N	122 36 06.121 W	38.2117	-122.6017	29-Jan-16

QMV	43:27.2 Reinf	17.25	357.979	4900	7325 38 12 41.435 N	122 36 38.328 W	38.2115	-122.6106	29-Jan-16
QMV	43:39.3 Reinf	17.125	356.572	4900	7325 38 12 32.727 N	122 37 09.935 W	38.2091	-122.6194	29-Jan-16
QMV	43:51.2 Reinf	17.125	355.254	4800	7325 38 12 31.059 N	122 37 39.842 W	38.2086	-122.6277	29-Jan-16
QMV	44:03.1 Reinf	17.125	353.848	4800	7325 38 12 28.654 N	122 38 11.677 W	38.208	-122.6366	29-Jan-16
QMV	44:15.0 Reinf	17.125	352.529	4800	7325 38 12 25.837 N	122 38 41.446 W	38.2072	-122.6448	29-Jan-16
QMV	44:27.0 Reinf	17	351.299	4800	7325 38 12 15.298 N	122 39 07.703 W	38.2042	-122.6521	29-Jan-16
QMV	44:39.0 Reinf	17	349.98	4800	7325 38 12 11.464 N	122 39 37.065 W	38.2032	-122.6603	29-Jan-16
QMV	44:51.0 Reinf	17	348.662	4800	7325 38 12 07.095 N	122 40 06.307 W	38.202	-122.6684	29-Jan-16
QMV	45:02.9 Reinf	17	347.432	4700	7325 38 12 02.563 N	122 40 33.483 W	38.2007	-122.676	29-Jan-16
QMV	45:14.9 Reinf	17	346.113	4700	7325 38 11 57.169 N	122 41 02.448 W	38.1992	-122.684	29-Jan-16
QMV	45:26.9 Reinf	17.125	344.883	4700	7325 38 11 58.906 N	122 41 31.823 W	38.1997	-122.6922	29-Jan-16
QMV	45:38.7 Reinf	17.125	343.652	4700	7325 38 11 52.897 N	122 41 58.748 W	38.198	-122.6997	29-Jan-16
QMV	45:50.7 Reinf	17.125	342.334	4600	7325 38 11 45.974 N	122 42 27.414 W	38.1961	-122.7076	29-Jan-16
QMV	46:02.7 Reinf	17.25	341.191	4500	7325 38 11 46.659 N	122 42 55.168 W	38.1963	-122.7153	29-Jan-16
QMV	46:14.6 Reinf	17.75	340.664	4500	7325 38 12 11.858 N	122 43 19.228 W	38.2033	-122.722	29-Jan-16
QMV	46:26.7 Reinf	18.125	341.191	4500	7325 38 12 36.388 N	122 43 16.724 W	38.2101	-122.7213	29-Jan-16
QMV	46:38.7 Reinf	18.375	342.158	4600	7325 38 12 56.452 N	122 43 00.486 W	38.2157	-122.7168	29-Jan-16
QMV	46:50.7 Reinf	18.625	343.213	4500	7325 38 13 16.912 N	122 42 41.448 W	38.2214	-122.7115	29-Jan-16
QMV	47:02.9 Reinf	18.875	344.355	4600	7325 38 13 37.600 N	122 42 19.460 W	38.2271	-122.7054	29-Jan-16
QMV	47:14.9 Reinf	19.125	345.498	4500	7325 38 13 58.055 N	122 41 56.597 W	38.2328	-122.6991	29-Jan-16
QMV	47:26.9 Reinf	19.375	346.553	4600	7325 38 14 17.762 N	122 41 35.038 W	38.2383	-122.6931	29-Jan-16
QMV	47:38.9 Reinf	19.625	347.607	4600	7325 38 14 37.234 N	122 41 12.684 W	38.2437	-122.6869	29-Jan-16
QMV	47:50.9 Reinf	19.875	348.574	4600	7325 38 14 56.070 N	122 40 51.808 W	38.2489	-122.6811	29-Jan-16
QMV	48:03.0 Reinf	20.125	349.541	4700	7325 38 15 14.653 N	122 40 30.209 W	38.2541	-122.6751	29-Jan-16
QMV	48:15.0 Reinf	20.375	350.508	4600	7325 38 15 33.030 N	122 40 07.905 W	38.2592	-122.6689	29-Jan-16
QMV	48:27.0 Reinf	20.75	351.475	4700	7325 38 15 58.530 N	122 39 46.301 W	38.2663	-122.6629	29-Jan-16
QMV	48:39.1 Reinf	21	352.354	4700	7325 38 16 16.112 N	122 39 24.849 W	38.2711	-122.6569	29-Jan-16
QMV	48:51.1 Reinf	21.25	353.232	4700	7325 38 16 33.460 N	122 39 02.766 W	38.276	-122.6508	29-Jan-16
QMV	49:03.1 Reinf	21.625	354.111	4700	7325 38 16 58.031 N	122 38 41.035 W	38.2828	-122.6447	29-Jan-16
QMV	49:15.1 Reinf	21.875	354.814	4700	7325 38 17 14.530 N	122 38 22.645 W	38.2874	-122.6396	29-Jan-16
QMV	49:27.1 Reinf	22.25	354.902	4500	7325 38 17 37.182 N	122 38 22.656 W	38.2937	-122.6396	29-Jan-16
QMV	49:39.1 Reinf	22.625	354.111	4500	7325 38 17 57.810 N	122 38 48.898 W	38.2994	-122.6469	29-Jan-16
QMV	49:51.1 Reinf	22.75	353.32	4500	7325 38 18 03.203 N	122 39 13.668 W	38.3009	-122.6538	29-Jan-16
QMV	50:03.0 Reinf	23	352.529	4400	7325 38 18 15.772 N	122 39 39.909 W	38.3044	-122.6611	29-Jan-16

QMV	50:15.1 Reinf	23.25	351.826	4400	7325 38 18 28.314 N	122 40 03.939 W	38.3079	-122.6678	29-Jan-16
QMV	50:27.0 Reinf	23.625	351.211	4300	7325 38 18 48.363 N	122 40 27.148 W	38.3134	-122.6742	29-Jan-16
QMV	50:39.0 Reinf	23.75	350.42	4300	7325 38 18 52.622 N	122 40 53.278 W	38.3146	-122.6815	29-Jan-16
QMV	50:51.0 Reinf	23.875	349.541	4200	7325 38 18 56.192 N	122 41 22.359 W	38.3156	-122.6895	29-Jan-16
QMV	51:02.9 Reinf	24	348.75	4200	7325 38 18 59.806 N	122 41 48.896 W	38.3166	-122.6969	29-Jan-16
QMV	51:14.9 Reinf	24.375	348.398	4000	7325 38 19 20.130 N	122 42 05.682 W	38.3223	-122.7016	29-Jan-16
QMV	51:26.9 Reinf	24.75	348.926	3900	7325 38 19 44.904 N	122 41 54.444 W	38.3291	-122.6985	29-Jan-16
QMV	51:39.0 Reinf	25	349.629	4000	7325 38 20 03.069 N	122 41 35.146 W	38.3342	-122.6931	29-Jan-16
QMV	51:51.0 Reinf	25.375	349.893	3900	7325 38 20 26.486 N	122 41 31.565 W	38.3407	-122.6921	29-Jan-16
QMV	52:03.0 Reinf	25.625	349.541	3900	7325 38 20 39.569 N	122 41 46.724 W	38.3443	-122.6963	29-Jan-16
QMV	52:14.9 Reinf	25.875	349.102	4000	7325 38 20 52.097 N	122 42 05.070 W	38.3478	-122.7014	29-Jan-16
QMV	52:26.9 Reinf	26.125	348.662	3900	7325 38 21 04.516 N	122 42 23.689 W	38.3513	-122.7066	29-Jan-16
QMV	52:38.9 Bcn	26.25	348.047	3900	7325 38 21 08.438 N	122 42 46.622 W	38.3523	-122.713	29-Jan-16
QMV	52:50.9 Reinf	26.5	347.607	3800	7325 38 21 20.546 N	122 43 05.745 W	38.3557	-122.7183	29-Jan-16
QMV	53:02.9 Reinf	27	347.695	3500	7325 38 21 50.434 N	122 43 10.903 W	38.364	-122.7197	29-Jan-16
QMV	53:14.9 Reinf	27.375	347.871	3600	7325 38 22 13.495 N	122 43 10.774 W	38.3704	-122.7197	29-Jan-16
QMV	53:26.9 Bcn	27.75	347.607	3400	7325 38 22 33.888 N	122 43 26.344 W	38.3761	-122.724	29-Jan-16
QMV	53:39.0 Reinf	28.125	347.168	3300	7325 38 22 53.041 N	122 43 48.580 W	38.3814	-122.7302	29-Jan-16
QMV	53:51.0 Reinf	28.375	346.641	3400	7325 38 23 04.090 N	122 44 12.241 W	38.3845	-122.7367	29-Jan-16
QMV	54:02.9 Reinf	28.75	346.816	3200	7325 38 23 27.235 N	122 44 12.352 W	38.3909	-122.7368	29-Jan-16
QMV	54:14.8 Reinf	29.125	346.729	3200	7325 38 23 48.536 N	122 44 22.238 W	38.3968	-122.7395	29-Jan-16
QMV	54:26.9 Reinf	29.5	346.465	3100	7325 38 24 08.553 N	122 44 38.927 W	38.4024	-122.7441	29-Jan-16
QMV	54:38.7 Bcn	29.75	345.937	2900	7325 38 24 19.211 N	122 45 03.713 W	38.4053	-122.751	29-Jan-16
QMV	54:50.8 Reinf	30.125	345.674	2800	7325 38 24 38.999 N	122 45 20.969 W	38.4108	-122.7558	29-Jan-16
QMV	55:02.8 Bcn	30.625	345.762	2500	7325 38 25 08.797 N	122 45 27.008 W	38.4191	-122.7575	29-Jan-16
QMV	55:15.0 Reinf	31	345.762	2300	7325 38 25 30.625 N	122 45 34.100 W	38.4252	-122.7595	29-Jan-16
QMV	55:27.0 Reinf	31.375	345.41	2000	7325 38 25 49.555 N	122 45 55.422 W	38.4304	-122.7654	29-Jan-16
QMV	55:38.7 Bcn	31.75	345.234	1800	7325 38 26 09.851 N	122 46 09.877 W	38.4361	-122.7694	29-Jan-16
QMV	55:50.8 Reinf	32.125	345.059	1600	7325 38 26 30.091 N	122 46 24.498 W	38.4417	-122.7735	29-Jan-16
QMV	56:02.8 Reinf	32.5	344.795	1400	7325 38 26 49.488 N	122 46 42.957 W	38.4471	-122.7786	29-Jan-16
QMV	56:14.7 Bcn	32.875	344.443	1200	7325 38 27 07.971 N	122 47 05.368 W	38.4522	-122.7848	29-Jan-16
QMV	56:26.7 Bcn	33.25	344.531	1000	7325 38 27 30.478 N	122 47 09.352 W	38.4585	-122.7859	29-Jan-16
QMV	56:38.7 Bcn	33.625	344.443	800	7325 38 27 51.332 N	122 47 20.841 W	38.4643	-122.7891	29-Jan-16
QMV	56:50.7 Bcn	34	344.795	500	7325 38 28 16.354 N	122 47 13.220 W	38.4712	-122.787	29-Jan-16

QMV 57:02.8 Bcn 34.25 345.146 200 7325 38 28 34.119 N 122 47 02.766 W 38.4761 -122.7841 29-Jan-16