

APRS-Based Direction Calculator

Observation Latitude: +40.14830°
Observation Longitude: -105.23140°
Observation Altitude: +5247 ft Above Mean Sea Level

Coordinates for Target: AE0SS-11

Coordinates shown are *actual* and *predicted* values.

Time of Position Report		Target Latitude	Target Longitude	Target Altitude	Target Azimuth	Target Range	Target Elevation
07:33:23 08-Apr-2006 MDT	13:33:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4942 ft	+32.16°	26.7 mi	-0.44°
07:33:52 08-Apr-2006 MDT	13:33:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4945 ft	+32.16°	26.7 mi	-0.44°
07:34:22 08-Apr-2006 MDT	13:34:22 08-Apr-2006 UTC	+40.47367°	-104.96217°	4949 ft	+32.16°	26.7 mi	-0.44°
07:34:52 08-Apr-2006 MDT	13:34:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4951 ft	+32.16°	26.7 mi	-0.44°
07:35:23 08-Apr-2006 MDT	13:35:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4951 ft	+32.16°	26.7 mi	-0.44°
07:35:52 08-Apr-2006 MDT	13:35:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4942 ft	+32.16°	26.7 mi	-0.44°
07:36:22 08-Apr-2006 MDT	13:36:22 08-Apr-2006 UTC	+40.47367°	-104.96217°	4945 ft	+32.16°	26.7 mi	-0.44°
07:47:53 08-Apr-2006 MDT	13:47:53 08-Apr-2006 UTC	+40.47367°	-104.96217°	4945 ft	+32.16°	26.7 mi	-0.44°
07:48:22 08-Apr-2006 MDT	13:48:22 08-Apr-2006 UTC	+40.47367°	-104.96217°	4943 ft	+32.16°	26.7 mi	-0.44°
07:48:52 08-Apr-2006 MDT	13:48:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4938 ft	+32.16°	26.7 mi	-0.44°
07:49:22 08-Apr-2006 MDT	13:49:22 08-Apr-2006 UTC	+40.47367°	-104.96217°	4934 ft	+32.16°	26.7 mi	-0.44°
07:49:52 08-Apr-2006 MDT	13:49:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4933 ft	+32.16°	26.7 mi	-0.44°
07:50:23 08-Apr-2006 MDT	13:50:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4938 ft	+32.16°	26.7 mi	-0.44°
07:50:52 08-Apr-2006 MDT	13:50:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4936 ft	+32.16°	26.7 mi	-0.44°
07:51:23 08-Apr-2006 MDT	13:51:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4935 ft	+32.16°	26.7 mi	-0.44°
07:51:52 08-Apr-2006 MDT	13:51:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4936 ft	+32.16°	26.7 mi	-0.44°
07:52:23 08-Apr-2006 MDT	13:52:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4936 ft	+32.16°	26.7 mi	-0.44°
07:52:52 08-Apr-2006 MDT	13:52:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4930 ft	+32.16°	26.7 mi	-0.45°
07:53:23 08-Apr-2006 MDT	13:53:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4933 ft	+32.16°	26.7 mi	-0.44°
07:53:52 08-Apr-2006 MDT	13:53:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4934 ft	+32.16°	26.7 mi	-0.44°
07:54:22 08-Apr-2006 MDT	13:54:22 08-Apr-2006 UTC	+40.47367°	-104.96217°	4933 ft	+32.16°	26.7 mi	-0.44°
07:54:52 08-Apr-2006 MDT	13:54:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4935 ft	+32.16°	26.7 mi	-0.44°
07:55:52 08-Apr-2006 MDT	13:55:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4943 ft	+32.16°	26.7 mi	-0.44°
07:56:23 08-Apr-2006 MDT	13:56:23 08-Apr-2006 UTC	+40.47367°	-104.96217°	4945 ft	+32.16°	26.7 mi	-0.44°
07:56:52 08-Apr-2006 MDT	13:56:52 08-Apr-2006 UTC	+40.47367°	-104.96217°	4940 ft	+32.16°	26.7 mi	-0.44°
07:57:22 08-Apr-2006 MDT	13:57:22 08-Apr-2006 UTC	+40.47367°	-104.96217°	4940 ft	+32.16°	26.7 mi	-0.44°
07:57:52 08-Apr-2006 MDT	13:57:52 08-Apr-2006 UTC	+40.47367°	-104.96233°	4949 ft	+32.15°	26.7 mi	-0.44°
07:58:22 08-Apr-2006 MDT	13:58:22 08-Apr-2006 UTC	+40.47333°	-104.96250°	5280 ft	+32.16°	26.7 mi	-0.30°
07:58:53 08-Apr-2006 MDT	13:58:53 08-Apr-2006 UTC	+40.47333°	-104.96283°	5968 ft	+32.13°	26.7 mi	-0.02°
07:59:22 08-Apr-2006 MDT	13:59:22 08-Apr-2006 UTC	+40.47383°	-104.96317°	6635 ft	+32.06°	26.7 mi	+0.25°
07:59:52 08-Apr-2006 MDT	13:59:52 08-Apr-2006 UTC	+40.47500°	-104.96300°	7292 ft	+31.98°	26.8 mi	+0.51°
08:00:23 08-Apr-2006 MDT	14:00:23 08-Apr-2006 UTC	+40.47733°	-104.96300°	7906 ft	+31.80°	26.9 mi	+0.75°
08:00:51 08-Apr-2006 MDT	14:00:51 08-Apr-2006 UTC	+40.47950°	-104.96167°	8510 ft	+31.75°	27.1 mi	+0.99°
08:01:22 08-Apr-2006 MDT	14:01:22 08-Apr-2006 UTC	+40.48083°	-104.96000°	9083 ft	+31.81°	27.2 mi	+1.21°

08:01:52 08-Apr-2006 MDT	14:01:52 08-Apr-2006 UTC	+40.48217°	-104.95800°	9793 ft	+31.89°	27.3 mi	+1.48°
08:02:23 08-Apr-2006 MDT	14:02:23 08-Apr-2006 UTC	+40.48400°	-104.95567°	10499 ft	+31.97°	27.5 mi	+1.75°
08:02:53 08-Apr-2006 MDT	14:02:53 08-Apr-2006 UTC	+40.48533°	-104.95233°	11162 ft	+32.18°	27.7 mi	+1.99°
08:03:24 08-Apr-2006 MDT	14:03:24 08-Apr-2006 UTC	+40.48617°	-104.94800°	11830 ft	+32.51°	27.9 mi	+2.24°
08:03:51 08-Apr-2006 MDT	14:03:51 08-Apr-2006 UTC	+40.48667°	-104.94350°	12522 ft	+32.88°	28.0 mi	+2.49°
08:04:21 08-Apr-2006 MDT	14:04:21 08-Apr-2006 UTC	+40.48700°	-104.94033°	13174 ft	+33.14°	28.2 mi	+2.73°
08:04:51 08-Apr-2006 MDT	14:04:51 08-Apr-2006 UTC	+40.48700°	-104.93783°	13848 ft	+33.36°	28.2 mi	+2.98°
08:05:22 08-Apr-2006 MDT	14:05:22 08-Apr-2006 UTC	+40.48650°	-104.93533°	14575 ft	+33.63°	28.3 mi	+3.25°
08:05:52 08-Apr-2006 MDT	14:05:52 08-Apr-2006 UTC	+40.48600°	-104.93283°	15300 ft	+33.89°	28.3 mi	+3.53°
08:06:21 08-Apr-2006 MDT	14:06:21 08-Apr-2006 UTC	+40.48550°	-104.93033°	16008 ft	+34.15°	28.4 mi	+3.79°
08:06:51 08-Apr-2006 MDT	14:06:51 08-Apr-2006 UTC	+40.48500°	-104.92783°	16749 ft	+34.41°	28.5 mi	+4.06°
08:07:21 08-Apr-2006 MDT	14:07:21 08-Apr-2006 UTC	+40.48483°	-104.92550°	17499 ft	+34.63°	28.5 mi	+4.34°
08:07:51 08-Apr-2006 MDT	14:07:51 08-Apr-2006 UTC	+40.48483°	-104.92283°	18241 ft	+34.86°	28.6 mi	+4.61°
08:08:21 08-Apr-2006 MDT	14:08:21 08-Apr-2006 UTC	+40.48500°	-104.91950°	18972 ft	+35.13°	28.7 mi	+4.86°
08:08:51 08-Apr-2006 MDT	14:08:51 08-Apr-2006 UTC	+40.48433°	-104.91600°	19710 ft	+35.49°	28.8 mi	+5.13°
08:09:21 08-Apr-2006 MDT	14:09:21 08-Apr-2006 UTC	+40.48333°	-104.91217°	20404 ft	+35.90°	28.9 mi	+5.37°
08:09:51 08-Apr-2006 MDT	14:09:51 08-Apr-2006 UTC	+40.48217°	-104.90833°	21078 ft	+36.32°	29.0 mi	+5.61°
08:10:22 08-Apr-2006 MDT	14:10:22 08-Apr-2006 UTC	+40.48100°	-104.90383°	21752 ft	+36.79°	29.1 mi	+5.85°
08:10:51 08-Apr-2006 MDT	14:10:51 08-Apr-2006 UTC	+40.48017°	-104.89917°	22407 ft	+37.25°	29.2 mi	+6.07°
08:11:22 08-Apr-2006 MDT	14:11:22 08-Apr-2006 UTC	+40.47933°	-104.89450°	23069 ft	+37.70°	29.3 mi	+6.29°
08:11:51 08-Apr-2006 MDT	14:11:51 08-Apr-2006 UTC	+40.47867°	-104.89050°	23692 ft	+38.09°	29.4 mi	+6.50°
08:12:21 08-Apr-2006 MDT	14:12:21 08-Apr-2006 UTC	+40.47817°	-104.88633°	24354 ft	+38.47°	29.5 mi	+6.71°
08:12:51 08-Apr-2006 MDT	14:12:51 08-Apr-2006 UTC	+40.47733°	-104.88267°	25016 ft	+38.83°	29.6 mi	+6.94°
08:13:26 08-Apr-2006 MDT	14:13:26 08-Apr-2006 UTC	+40.47700°	-104.87933°	25677 ft	+39.13°	29.7 mi	+7.15°
08:13:51 08-Apr-2006 MDT	14:13:51 08-Apr-2006 UTC	+40.47667°	-104.87617°	26337 ft	+39.40°	29.8 mi	+7.37°
08:14:21 08-Apr-2006 MDT	14:14:21 08-Apr-2006 UTC	+40.47633°	-104.87183°	27029 ft	+39.77°	30.0 mi	+7.58°
08:14:52 08-Apr-2006 MDT	14:14:52 08-Apr-2006 UTC	+40.47583°	-104.86783°	27715 ft	+40.13°	30.1 mi	+7.80°
08:15:21 08-Apr-2006 MDT	14:15:21 08-Apr-2006 UTC	+40.47533°	-104.86367°	28420 ft	+40.49°	30.2 mi	+8.02°
08:15:51 08-Apr-2006 MDT	14:15:51 08-Apr-2006 UTC	+40.47483°	-104.85967°	29073 ft	+40.84°	30.4 mi	+8.22°
08:16:22 08-Apr-2006 MDT	14:16:22 08-Apr-2006 UTC	+40.47433°	-104.85567°	29730 ft	+41.19°	30.5 mi	+8.42°
08:17:21 08-Apr-2006 MDT	14:17:21 08-Apr-2006 UTC	+40.47450°	-104.84683°	31182 ft	+41.83°	30.9 mi	+8.83°
08:17:51 08-Apr-2006 MDT	14:17:51 08-Apr-2006 UTC	+40.47467°	-104.84233°	31918 ft	+42.15°	31.1 mi	+9.03°
08:18:21 08-Apr-2006 MDT	14:18:21 08-Apr-2006 UTC	+40.47483°	-104.83717°	32652 ft	+42.51°	31.3 mi	+9.23°
08:18:51 08-Apr-2006 MDT	14:18:51 08-Apr-2006 UTC	+40.47500°	-104.83167°	33359 ft	+42.89°	31.5 mi	+9.40°
08:19:21 08-Apr-2006 MDT	14:19:21 08-Apr-2006 UTC	+40.47500°	-104.82600°	34087 ft	+43.29°	31.7 mi	+9.58°
08:19:51 08-Apr-2006 MDT	14:19:51 08-Apr-2006 UTC	+40.47450°	-104.82083°	34784 ft	+43.69°	31.9 mi	+9.77°
08:20:22 08-Apr-2006 MDT	14:20:22 08-Apr-2006 UTC	+40.47350°	-104.81683°	35495 ft	+44.06°	32.0 mi	+9.97°
08:20:52 08-Apr-2006 MDT	14:20:52 08-Apr-2006 UTC	+40.47317°	-104.81233°	36189 ft	+44.39°	32.2 mi	+10.16°
08:21:21 08-Apr-2006 MDT	14:21:21 08-Apr-2006 UTC	+40.47267°	-104.80783°	36892 ft	+44.74°	32.4 mi	+10.34°
08:21:51 08-Apr-2006 MDT	14:21:51 08-Apr-2006 UTC	+40.47217°	-104.80200°	37584 ft	+45.18°	32.6 mi	+10.50°
08:22:21 08-Apr-2006 MDT	14:22:21 08-Apr-2006 UTC	+40.47217°	-104.79517°	38339 ft	+45.63°	32.9 mi	+10.66°
08:22:51 08-Apr-2006 MDT	14:22:51 08-Apr-2006 UTC	+40.47150°	-104.78933°	39203 ft	+46.06°	33.1 mi	+10.88°
08:23:27 08-Apr-2006 MDT	14:23:27 08-Apr-2006 UTC	+40.47200°	-104.78183°	40150 ft	+46.50°	33.4 mi	+11.07°

08:23:51 08-Apr-2006 MDT	14:23:51 08-Apr-2006 UTC	+40.47233°	-104.77517°	40998 ft	+46.89°	33.7 mi	+11.25°
08:24:22 08-Apr-2006 MDT	14:24:22 08-Apr-2006 UTC	+40.47117°	-104.76783°	41734 ft	+47.44°	34.0 mi	+11.40°
08:24:51 08-Apr-2006 MDT	14:24:51 08-Apr-2006 UTC	+40.47167°	-104.76200°	42222 ft	+47.75°	34.2 mi	+11.46°
08:25:21 08-Apr-2006 MDT	14:25:21 08-Apr-2006 UTC	+40.47250°	-104.75483°	42665 ft	+48.11°	34.6 mi	+11.49°
08:25:51 08-Apr-2006 MDT	14:25:51 08-Apr-2006 UTC	+40.47133°	-104.74717°	43101 ft	+48.66°	34.8 mi	+11.54°
08:26:21 08-Apr-2006 MDT	14:26:21 08-Apr-2006 UTC	+40.46950°	-104.74150°	43720 ft	+49.15°	35.0 mi	+11.67°
08:26:52 08-Apr-2006 MDT	14:26:52 08-Apr-2006 UTC	+40.46783°	-104.73600°	44347 ft	+49.62°	35.2 mi	+11.81°
08:27:21 08-Apr-2006 MDT	14:27:21 08-Apr-2006 UTC	+40.46717°	-104.73000°	45024 ft	+50.01°	35.4 mi	+11.94°
08:27:52 08-Apr-2006 MDT	14:27:52 08-Apr-2006 UTC	+40.46717°	-104.72467°	45803 ft	+50.31°	35.6 mi	+12.10°
08:28:22 08-Apr-2006 MDT	14:28:22 08-Apr-2006 UTC	+40.46800°	-104.71667°	46520 ft	+50.67°	36.0 mi	+12.18°
08:28:51 08-Apr-2006 MDT	14:28:51 08-Apr-2006 UTC	+40.46850°	-104.70833°	47217 ft	+51.08°	36.4 mi	+12.26°
08:29:22 08-Apr-2006 MDT	14:29:22 08-Apr-2006 UTC	+40.46933°	-104.69917°	47811 ft	+51.48°	36.9 mi	+12.29°
08:29:52 08-Apr-2006 MDT	14:29:52 08-Apr-2006 UTC	+40.47000°	-104.68900°	48042 ft	+51.95°	37.3 mi	+12.20°
08:30:23 08-Apr-2006 MDT	14:30:23 08-Apr-2006 UTC	+40.47050°	-104.67850°	48424 ft	+52.43°	37.8 mi	+12.15°
08:30:52 08-Apr-2006 MDT	14:30:52 08-Apr-2006 UTC	+40.46900°	-104.66967°	48957 ft	+53.00°	38.1 mi	+12.20°
08:31:22 08-Apr-2006 MDT	14:31:22 08-Apr-2006 UTC	+40.46717°	-104.66200°	49727 ft	+53.52°	38.4 mi	+12.33°
08:31:52 08-Apr-2006 MDT	14:31:52 08-Apr-2006 UTC	+40.46617°	-104.65367°	50169 ft	+54.00°	38.7 mi	+12.34°
08:32:22 08-Apr-2006 MDT	14:32:22 08-Apr-2006 UTC	+40.46533°	-104.64750°	50786 ft	+54.36°	39.0 mi	+12.43°
08:32:51 08-Apr-2006 MDT	14:32:51 08-Apr-2006 UTC	+40.46567°	-104.64350°	51676 ft	+54.52°	39.2 mi	+12.61°
08:33:21 08-Apr-2006 MDT	14:33:21 08-Apr-2006 UTC	+40.46733°	-104.64000°	52335 ft	+54.53°	39.4 mi	+12.72°
08:33:52 08-Apr-2006 MDT	14:33:52 08-Apr-2006 UTC	+40.46917°	-104.63500°	52882 ft	+54.60°	39.7 mi	+12.77°
08:34:21 08-Apr-2006 MDT	14:34:21 08-Apr-2006 UTC	+40.47067°	-104.62767°	53520 ft	+54.80°	40.1 mi	+12.81°
08:34:52 08-Apr-2006 MDT	14:34:52 08-Apr-2006 UTC	+40.47150°	-104.62000°	54032 ft	+55.07°	40.5 mi	+12.82°
08:35:22 08-Apr-2006 MDT	14:35:22 08-Apr-2006 UTC	+40.47233°	-104.61200°	54546 ft	+55.35°	40.9 mi	+12.83°
08:35:53 08-Apr-2006 MDT	14:35:53 08-Apr-2006 UTC	+40.47150°	-104.60350°	55268 ft	+55.78°	41.3 mi	+12.91°
08:36:21 08-Apr-2006 MDT	14:36:21 08-Apr-2006 UTC	+40.47000°	-104.59550°	55714 ft	+56.23°	41.6 mi	+12.92°
08:36:52 08-Apr-2006 MDT	14:36:52 08-Apr-2006 UTC	+40.46800°	-104.58917°	56101 ft	+56.66°	41.8 mi	+12.96°
08:37:22 08-Apr-2006 MDT	14:37:22 08-Apr-2006 UTC	+40.46650°	-104.58200°	56332 ft	+57.07°	42.0 mi	+12.93°
08:37:51 08-Apr-2006 MDT	14:37:51 08-Apr-2006 UTC	+40.46533°	-104.57450°	56664 ft	+57.46°	42.3 mi	+12.92°
08:38:22 08-Apr-2006 MDT	14:38:22 08-Apr-2006 UTC	+40.46500°	-104.56783°	57131 ft	+57.75°	42.6 mi	+12.95°
08:38:51 08-Apr-2006 MDT	14:38:51 08-Apr-2006 UTC	+40.46467°	-104.56183°	57568 ft	+58.00°	42.9 mi	+12.97°
08:39:21 08-Apr-2006 MDT	14:39:21 08-Apr-2006 UTC	+40.46450°	-104.55633°	58107 ft	+58.22°	43.2 mi	+13.03°
08:39:52 08-Apr-2006 MDT	14:39:52 08-Apr-2006 UTC	+40.46417°	-104.55033°	58584 ft	+58.47°	43.4 mi	+13.07°
08:40:22 08-Apr-2006 MDT	14:40:22 08-Apr-2006 UTC	+40.46417°	-104.54483°	59009 ft	+58.68°	43.7 mi	+13.09°
08:40:51 08-Apr-2006 MDT	14:40:51 08-Apr-2006 UTC	+40.46383°	-104.53900°	59538 ft	+58.92°	44.0 mi	+13.14°
08:41:23 08-Apr-2006 MDT	14:41:23 08-Apr-2006 UTC	+40.46300°	-104.53383°	59850 ft	+59.17°	44.2 mi	+13.15°
08:41:52 08-Apr-2006 MDT	14:41:52 08-Apr-2006 UTC	+40.46267°	-104.52767°	60075 ft	+59.41°	44.5 mi	+13.12°
08:42:22 08-Apr-2006 MDT	14:42:22 08-Apr-2006 UTC	+40.46233°	-104.52150°	60387 ft	+59.65°	44.7 mi	+13.11°
08:42:52 08-Apr-2006 MDT	14:42:52 08-Apr-2006 UTC	+40.46217°	-104.51700°	61215 ft	+59.82°	45.0 mi	+13.25°
08:43:21 08-Apr-2006 MDT	14:43:21 08-Apr-2006 UTC	+40.46167°	-104.51567°	61961 ft	+59.91°	45.0 mi	+13.41°
08:43:52 08-Apr-2006 MDT	14:43:52 08-Apr-2006 UTC	+40.46117°	-104.51450°	62406 ft	+59.99°	45.1 mi	+13.50°
08:44:22 08-Apr-2006 MDT	14:44:22 08-Apr-2006 UTC	+40.46050°	-104.51350°	62799 ft	+60.07°	45.1 mi	+13.58°
08:44:51 08-Apr-2006 MDT	14:44:51 08-Apr-2006 UTC	+40.46017°	-104.51217°	63249 ft	+60.15°	45.2 mi	+13.67°

08:45:22 08-Apr-2006 MDT	14:45:22 08-Apr-2006 UTC	+40.45917°	-104.50917°	63968 ft	+60.33°	45.4 mi	+13.81°
08:45:52 08-Apr-2006 MDT	14:45:52 08-Apr-2006 UTC	+40.45683°	-104.50700°	64460 ft	+60.58°	45.4 mi	+13.91°
08:46:22 08-Apr-2006 MDT	14:46:22 08-Apr-2006 UTC	+40.45533°	-104.50450°	64934 ft	+60.79°	45.5 mi	+14.00°
08:46:52 08-Apr-2006 MDT	14:46:52 08-Apr-2006 UTC	+40.45450°	-104.50250°	65425 ft	+60.92°	45.6 mi	+14.10°
08:47:22 08-Apr-2006 MDT	14:47:22 08-Apr-2006 UTC	+40.45433°	-104.49967°	65907 ft	+61.02°	45.7 mi	+14.17°
08:47:52 08-Apr-2006 MDT	14:47:52 08-Apr-2006 UTC	+40.45500°	-104.49650°	66418 ft	+61.07°	45.9 mi	+14.23°
08:48:22 08-Apr-2006 MDT	14:48:22 08-Apr-2006 UTC	+40.45550°	-104.49367°	66813 ft	+61.13°	46.1 mi	+14.27°
08:48:52 08-Apr-2006 MDT	14:48:52 08-Apr-2006 UTC	+40.45550°	-104.49067°	67231 ft	+61.22°	46.2 mi	+14.32°
08:49:22 08-Apr-2006 MDT	14:49:22 08-Apr-2006 UTC	+40.45483°	-104.48817°	67376 ft	+61.36°	46.3 mi	+14.32°
08:49:52 08-Apr-2006 MDT	14:49:52 08-Apr-2006 UTC	+40.45517°	-104.48550°	65216 ft	+61.41°	46.3 mi	+13.79°
08:50:22 08-Apr-2006 MDT	14:50:22 08-Apr-2006 UTC	+40.45350°	-104.48350°	62847 ft	+61.61°	46.3 mi	+13.24°
08:50:52 08-Apr-2006 MDT	14:50:52 08-Apr-2006 UTC	+40.45350°	-104.48000°	60297 ft	+61.72°	46.3 mi	+12.61°
08:51:22 08-Apr-2006 MDT	14:51:22 08-Apr-2006 UTC	+40.45350°	-104.47450°	58097 ft	+61.89°	46.5 mi	+12.04°
08:51:55 08-Apr-2006 MDT	14:51:55 08-Apr-2006 UTC	+40.45300°	-104.46800°	56174 ft	+62.13°	46.7 mi	+11.53°
08:52:22 08-Apr-2006 MDT	14:52:22 08-Apr-2006 UTC	+40.45100°	-104.46083°	54408 ft	+62.50°	46.9 mi	+11.06°
08:52:53 08-Apr-2006 MDT	14:52:53 08-Apr-2006 UTC	+40.45200°	-104.45333°	52757 ft	+62.65°	47.2 mi	+10.59°
08:53:22 08-Apr-2006 MDT	14:53:22 08-Apr-2006 UTC	+40.45300°	-104.44950°	51289 ft	+62.68°	47.4 mi	+10.21°
08:53:52 08-Apr-2006 MDT	14:53:52 08-Apr-2006 UTC	+40.45200°	-104.44383°	49843 ft	+62.92°	47.5 mi	+9.83°
08:54:22 08-Apr-2006 MDT	14:54:22 08-Apr-2006 UTC	+40.45050°	-104.43617°	48450 ft	+63.26°	47.8 mi	+9.45°
08:54:52 08-Apr-2006 MDT	14:54:52 08-Apr-2006 UTC	+40.45133°	-104.42667°	47016 ft	+63.46°	48.2 mi	+9.03°
08:55:22 08-Apr-2006 MDT	14:55:22 08-Apr-2006 UTC	+40.45233°	-104.41850°	45579 ft	+63.61°	48.6 mi	+8.63°
08:55:52 08-Apr-2006 MDT	14:55:52 08-Apr-2006 UTC	+40.45183°	-104.41267°	44214 ft	+63.81°	48.8 mi	+8.29°
08:56:22 08-Apr-2006 MDT	14:56:22 08-Apr-2006 UTC	+40.45050°	-104.40717°	42902 ft	+64.06°	49.0 mi	+7.96°
08:56:52 08-Apr-2006 MDT	14:56:52 08-Apr-2006 UTC	+40.45033°	-104.40033°	41766 ft	+64.25°	49.3 mi	+7.65°
08:57:22 08-Apr-2006 MDT	14:57:22 08-Apr-2006 UTC	+40.44967°	-104.39367°	40693 ft	+64.48°	49.5 mi	+7.37°
08:57:52 08-Apr-2006 MDT	14:57:52 08-Apr-2006 UTC	+40.45017°	-104.38633°	39545 ft	+64.63°	49.9 mi	+7.06°
08:58:22 08-Apr-2006 MDT	14:58:22 08-Apr-2006 UTC	+40.44933°	-104.38050°	38361 ft	+64.84°	50.1 mi	+6.77°
08:58:52 08-Apr-2006 MDT	14:58:52 08-Apr-2006 UTC	+40.44883°	-104.37467°	37133 ft	+65.02°	50.3 mi	+6.47°
08:59:22 08-Apr-2006 MDT	14:59:22 08-Apr-2006 UTC	+40.44867°	-104.37033°	35988 ft	+65.14°	50.5 mi	+6.20°
08:59:52 08-Apr-2006 MDT	14:59:52 08-Apr-2006 UTC	+40.44833°	-104.36650°	34886 ft	+65.26°	50.7 mi	+5.94°
09:00:22 08-Apr-2006 MDT	15:00:22 08-Apr-2006 UTC	+40.44767°	-104.36183°	33827 ft	+65.43°	50.8 mi	+5.69°
09:00:52 08-Apr-2006 MDT	15:00:52 08-Apr-2006 UTC	+40.44783°	-104.35617°	32820 ft	+65.55°	51.1 mi	+5.44°
09:01:22 08-Apr-2006 MDT	15:01:22 08-Apr-2006 UTC	+40.44783°	-104.35100°	31864 ft	+65.68°	51.3 mi	+5.21°
09:01:52 08-Apr-2006 MDT	15:01:52 08-Apr-2006 UTC	+40.44833°	-104.34567°	30906 ft	+65.77°	51.6 mi	+4.98°
09:02:22 08-Apr-2006 MDT	15:02:22 08-Apr-2006 UTC	+40.44833°	-104.34117°	29974 ft	+65.87°	51.8 mi	+4.76°
09:02:52 08-Apr-2006 MDT	15:02:52 08-Apr-2006 UTC	+40.44800°	-104.33767°	29149 ft	+65.98°	51.9 mi	+4.57°
09:03:22 08-Apr-2006 MDT	15:03:22 08-Apr-2006 UTC	+40.44733°	-104.33350°	28322 ft	+66.12°	52.1 mi	+4.38°
09:03:52 08-Apr-2006 MDT	15:03:52 08-Apr-2006 UTC	+40.44667°	-104.33017°	27542 ft	+66.24°	52.2 mi	+4.20°
09:04:22 08-Apr-2006 MDT	15:04:22 08-Apr-2006 UTC	+40.44600°	-104.32700°	26784 ft	+66.36°	52.4 mi	+4.03°
09:04:52 08-Apr-2006 MDT	15:04:52 08-Apr-2006 UTC	+40.44550°	-104.32367°	26035 ft	+66.47°	52.5 mi	+3.87°
09:05:22 08-Apr-2006 MDT	15:05:22 08-Apr-2006 UTC	+40.44467°	-104.32067°	25287 ft	+66.60°	52.6 mi	+3.70°
09:05:52 08-Apr-2006 MDT	15:05:52 08-Apr-2006 UTC	+40.44400°	-104.31700°	24560 ft	+66.73°	52.7 mi	+3.54°
09:06:22 08-Apr-2006 MDT	15:06:22 08-Apr-2006 UTC	+40.44333°	-104.31317°	23861 ft	+66.86°	52.9 mi	+3.38°

09:06:52 08-Apr-2006 MDT	15:06:52 08-Apr-2006 UTC	+40.44200°	-104.30950°	23147 ft	+67.03°	53.0 mi	+3.23°
09:07:22 08-Apr-2006 MDT	15:07:22 08-Apr-2006 UTC	+40.44033°	-104.30533°	22474 ft	+67.24°	53.2 mi	+3.08°
09:07:52 08-Apr-2006 MDT	15:07:52 08-Apr-2006 UTC	+40.43933°	-104.30117°	21810 ft	+67.40°	53.4 mi	+2.93°
09:08:22 08-Apr-2006 MDT	15:08:22 08-Apr-2006 UTC	+40.43783°	-104.29683°	21144 ft	+67.59°	53.5 mi	+2.78°
09:08:52 08-Apr-2006 MDT	15:08:52 08-Apr-2006 UTC	+40.43650°	-104.29217°	20482 ft	+67.78°	53.7 mi	+2.64°
09:09:22 08-Apr-2006 MDT	15:09:22 08-Apr-2006 UTC	+40.43567°	-104.28833°	19827 ft	+67.92°	53.9 mi	+2.50°
09:09:52 08-Apr-2006 MDT	15:09:52 08-Apr-2006 UTC	+40.43500°	-104.28367°	19189 ft	+68.06°	54.1 mi	+2.36°
09:10:22 08-Apr-2006 MDT	15:10:22 08-Apr-2006 UTC	+40.43467°	-104.27967°	18559 ft	+68.16°	54.3 mi	+2.22°
09:10:52 08-Apr-2006 MDT	15:10:52 08-Apr-2006 UTC	+40.43450°	-104.27600°	17942 ft	+68.25°	54.4 mi	+2.09°
09:11:22 08-Apr-2006 MDT	15:11:22 08-Apr-2006 UTC	+40.43417°	-104.27267°	17316 ft	+68.34°	54.6 mi	+1.95°
09:11:53 08-Apr-2006 MDT	15:11:53 08-Apr-2006 UTC	+40.43433°	-104.26883°	16686 ft	+68.40°	54.8 mi	+1.82°
09:12:23 08-Apr-2006 MDT	15:12:23 08-Apr-2006 UTC	+40.43467°	-104.26617°	16066 ft	+68.43°	54.9 mi	+1.69°
09:12:52 08-Apr-2006 MDT	15:12:52 08-Apr-2006 UTC	+40.43467°	-104.26400°	15465 ft	+68.48°	55.0 mi	+1.57°
09:13:23 08-Apr-2006 MDT	15:13:23 08-Apr-2006 UTC	+40.43467°	-104.26233°	14874 ft	+68.51°	55.1 mi	+1.45°
09:13:53 08-Apr-2006 MDT	15:13:53 08-Apr-2006 UTC	+40.43467°	-104.26067°	14299 ft	+68.54°	55.2 mi	+1.33°
09:14:22 08-Apr-2006 MDT	15:14:22 08-Apr-2006 UTC	+40.43433°	-104.25800°	13745 ft	+68.62°	55.3 mi	+1.22°
09:14:52 08-Apr-2006 MDT	15:14:52 08-Apr-2006 UTC	+40.43400°	-104.25517°	13195 ft	+68.69°	55.4 mi	+1.11°
09:15:22 08-Apr-2006 MDT	15:15:22 08-Apr-2006 UTC	+40.43350°	-104.25267°	12679 ft	+68.78°	55.5 mi	+1.00°
09:15:52 08-Apr-2006 MDT	15:15:52 08-Apr-2006 UTC	+40.43350°	-104.25083°	12090 ft	+68.81°	55.6 mi	+0.88°
09:16:22 08-Apr-2006 MDT	15:16:22 08-Apr-2006 UTC	+40.43300°	-104.24967°	11514 ft	+68.87°	55.7 mi	+0.77°
09:16:52 08-Apr-2006 MDT	15:16:52 08-Apr-2006 UTC	+40.43283°	-104.24867°	10938 ft	+68.90°	55.7 mi	+0.66°
09:17:23 08-Apr-2006 MDT	15:17:23 08-Apr-2006 UTC	+40.43283°	-104.24717°	10364 ft	+68.93°	55.8 mi	+0.54°
09:17:52 08-Apr-2006 MDT	15:17:52 08-Apr-2006 UTC	+40.43300°	-104.24600°	9829 ft	+68.94°	55.8 mi	+0.44°
09:18:22 08-Apr-2006 MDT	15:18:22 08-Apr-2006 UTC	+40.43283°	-104.24450°	9305 ft	+68.98°	55.9 mi	+0.33°
09:18:52 08-Apr-2006 MDT	15:18:52 08-Apr-2006 UTC	+40.43367°	-104.24333°	8779 ft	+68.94°	56.0 mi	+0.23°
09:19:22 08-Apr-2006 MDT	15:19:22 08-Apr-2006 UTC	+40.43550°	-104.24217°	8261 ft	+68.84°	56.1 mi	+0.13°
09:19:52 08-Apr-2006 MDT	15:19:52 08-Apr-2006 UTC	+40.43850°	-104.24150°	7744 ft	+68.66°	56.2 mi	+0.03°
09:20:23 08-Apr-2006 MDT	15:20:23 08-Apr-2006 UTC	+40.44167°	-104.24217°	7234 ft	+68.43°	56.2 mi	-0.07°
09:20:52 08-Apr-2006 MDT	15:20:52 08-Apr-2006 UTC	+40.44450°	-104.24300°	6717 ft	+68.23°	56.2 mi	-0.18°
09:21:22 08-Apr-2006 MDT	15:21:22 08-Apr-2006 UTC	+40.44667°	-104.24417°	6214 ft	+68.06°	56.2 mi	-0.27°
09:21:55 08-Apr-2006 MDT	15:21:55 08-Apr-2006 UTC	+40.44767°	-104.24483°	5760 ft	+67.99°	56.2 mi	-0.36°
09:22:25 08-Apr-2006 MDT	15:22:25 08-Apr-2006 UTC	+40.44833°	-104.24550°	5286 ft	+67.93°	56.2 mi	-0.45°

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