

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
3	97,716	98,679	8	104.4	100
4	95,261	96,248	8.2	108.7	103.8
6	97,716	98,679	8	104.4	100
8	105,228	106,123	7.4	101.4	97.7
10	230,305	230,715	3.4	85.3	84.3
11	99,355	100,302	7.9	328.5	336.6
14	50,976	52,798	15.1	152	137.2
15	61,620	63,136	12.6	120.9	111.9
17	156,446	157,049	5	86.9	85.4
18	156,688	157,291	5	140.2	135.5
20	70,227	71,560	11.1	137.8	127.9
21	60,811	62,346	12.7	120.3	111.3
22	64,244	65,699	12.1	147.3	135.7
24	156,446	157,049	5	86.9	85.4
25	188,770	189,270	4.2	82.8	81.8
26	64,580	66,027	12	122.2	113.4
27	64,621	66,068	12	122.3	113.4
28	86,214	87,304	9.1	210.6	204.1
29	59,830	61,390	12.9	122.7	113.2
30	48,197	50,120	15.9	152.3	136.6
31	60,262	61,811	12.9	24.4	32.3
32	15,389				
34	132,555	133,266	5.9	102.5	99.3
35	118,882	119,675	6.6	112.8	108.4
36	170,922	171,474	4.6	94.5	92.6
37	231,609				
38	64,244	65,699	12.1	147.3	135.7
39	119,702	120,489	6.6	110.7	106.5
40	361,095	361,357	2.2	96	95
41	226,439	226,856	3.5	193.8	190.8
43	63,619	65,088	12.2	120.9	112.1
44	146,561	147,204	5.4	133.4	128.7
48	137,293	137,980	5.7	107.8	104.3
49	51,566	53,368	14.9	182.6	167.1
50	51,566	53,368	14.9	182.6	167.1
51	59,830	61,390	12.9	122.7	113.2
52	59,811	61,371	12.9	122.6	113.1
54	94,983	95,973	8.2	117.3	111.5
55	55,033	56,725	14	171.8	157
56	77,960	79,163	10	122.9	115.3
57	77,960	79,163	10	122.9	115.3
58	103,456	104,366	7.6	168.2	160.4
59	87,970	89,039	8.9	217	211.5
60	50,823	52,650	15.1	145.2	131
61	178,472	179,001	4.4	208.8	205.8
62	89,303	90,356	8.8	100.9	96.7
64	48,422	50,336	15.9	170.8	154
66	64,965	66,404	12	179.5	167.2
67	54,765	56,465	14.1	187.3	173

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
69	62,569	64,062	12.4	194.4	182.7
70	114,889	115,709	6.8	161.5	154.5
71	149,896	150,526	5.2	138.5	133.6
72	50,745	52,575	15.2	145.3	131.1
74	147,148	147,789	5.3	113.4	109.8
75	52,151	53,933	14.8	184	168.7
77	61,974	63,481	12.5	119.2	110.4
78	58,018	59,625	13.3	186.5	173.1
80	61,515	63,033	12.6	143.8	132
81	48,986	50,879	15.7	153.1	137.6
82	59,811	61,371	12.9	122.6	113.1
83	48,649	50,555	15.8	171.9	155.2
84	83,981	85,099	9.3	215.3	209.3
85	88,758	89,816	8.8	217.7	212.4
86	83,981	85,099	9.3	215.3	209.3
87	59,830	61,390	12.9	122.7	113.2
88	48,215	50,137	15.9	151.4	135.8
89	53,746	55,477	14.4	187.7	173.1
91	80,818	81,980	9.7	213.7	207.2
92	59,368	60,939	13	123.3	113.6
93	156,384	156,987	5	87.4	85.8
94	61,238	62,763	12.7	120.4	111.4
95	60,262	61,811	12.9	24.4	32.3
96	55,033	56,725	14	171.8	157
97	82,182	83,324	9.5	117.6	110.9
98	82,182	83,324	9.5	117.6	110.9
99	179,032	179,559	4.4	208.9	205.8
100	50,745	52,575	15.2	145.3	131.1
101	104,223	105,126	7.5	110	105.3
102	117,997	118,796	6.6	111.7	107.4
103	104,223	105,126	7.5	110	105.3
104	117,997	118,796	6.6	111.7	107.4
105	117,995	118,793	6.6	111.7	107.4
106	104,223	105,126	7.5	110	105.3
107	104,223	105,126	7.5	110	105.3
108	64,405	65,856	12.1	174	161.5
109	74,682	75,937	10.4	210.2	202.5
110	464,632				
111	199,470	199,943	3.9	117.2	114.3
112	60,262	61,811	12.9	24.4	32.3
114	59,830	61,390	12.9	122.7	113.2
115	56,246	57,902	13.7	192.2	178.7
117	137,030	137,719	5.7	227.8	225.5
118	85,983	87,075	9.1	207.3	200.4
119	101,397	102,325	7.7	207.7	201.9
120	68,472	69,839	11.4	205.7	196.5
121	208,610	209,063	3.8	93.2	91.7
122	55,150	56,838	14	184.5	170.2
125	127,924	128,661	6.1	104.6	101.2

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
127	110,031	110,887	7.1	171.1	163.9
128	95,360	96,346	8.2	210.8	205.1
129	48,623	50,530	15.8	152.6	137
131	66,122	67,536	11.7	140.5	129.8
132	188,770	189,270	4.2	82.8	81.8
137	126,625				
138	144,351				
139	126,625				
140	126,625				
141	55,666	57,339	13.9	191.3	177.6
142	48,823	50,723	15.7	172.9	156.3
143	49,236	51,120	15.6	174.8	158.3
144	68,596	69,960	11.3	131.1	121.7
145	165,353	165,924	4.8	102.4	99.9
146	68,594	69,959	11.3	131.1	121.7
147	135,961	136,654	5.8	203.3	198.8
148	58,964	60,546	13.1	164.7	151.1
149	55,047	56,738	14	171.8	157.1
150	94,098	95,098	8.3	97.5	93.8
151	86,936	88,017	9	218.1	212.7
152	55,033	56,725	14	171.8	157
153	64,405	65,856	12.1	174	161.5
154	59,440	61,009	13	123.2	113.5
155	51,566	53,368	14.9	182.6	167.1
157	64,402	65,854	12.1	174	161.5
158	61,238	62,763	12.7	120.4	111.4
159	68,472	69,839	11.4	205.7	196.5
160	82,182	83,324	9.5	117.6	110.9
161	82,182	83,324	9.5	117.6	110.9
163	82,182	83,324	9.5	117.6	110.9
164	82,182	83,324	9.5	117.6	110.9
165	66,938	68,336	11.6	135.7	125.6
166	187,761	188,263	4.2	92.2	90.6
167	83,540	84,664	9.3	113.9	107.8
169	61,834	63,344	12.5	141.9	130.3
170	63,246	64,724	12.3	194.4	182.8
171	67,945	69,322	11.4	205.6	196.2
172	63,246	64,724	12.3	194.4	182.8
173	55,095	56,785	14	190.5	176.5
174	258,462	258,827	3	125.4	122.9
175	61,515	63,033	12.6	143.8	132
176	69,354	70,704	11.2	185.7	174.5
177	51,256	53,069	15	182.1	166.4
178	61,238	62,763	12.7	120.4	111.4
180	74,758	76,012	10.4	162.1	151.4
181	59,830	61,390	12.9	122.7	113.2
182	69,354	70,704	11.2	185.7	174.5
183	48,252	50,173	15.9	169.4	152.6
184	61,238	62,763	12.7	120.4	111.4

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
185	187,815	188,318	4.2	92.2	90.6
186	60,885	62,418	12.7	198.9	187.3
187	93,541				
188	61,005	62,536	12.7	121.7	112.5
189	51,566	53,368	14.9	182.6	167.1
190	61,688	63,202	12.6	142.2	130.6
191	49,605	51,476	15.5	176.4	160
192	61,576	63,092	12.6	184.9	172.2
193	48,391	50,307	15.9	153.2	137.5
194	62,540	64,034	12.4	185.7	173.2
195	82,182	83,324	9.5	117.6	110.9
196	69,805	71,146	11.1	123	114.6
197	61,397	62,918	12.6	142.2	130.5
199	133,357	134,064	5.9	102.4	99.3
200	50,745	52,575	15.2	145.3	131.1
202	131,127	131,846	6	101.1	98
203	47,794	49,733	16.1	159.6	143.2
204	66,375	67,784	11.7	140.4	129.7
205	167,913	168,475	4.7	210.4	207.3
206	91,231	92,261	8.6	218.3	213.2
208	93,121	94,130	8.4	97.8	94.1
209	55,033	56,725	14	171.8	157
210	62,340	63,838	12.4	124.4	115
211	93,811	94,813	8.3	208.5	202.4
212	64,402	65,854	12.1	174	161.5
213	85,616	86,713	9.1	214.2	208.2
214	108,687	109,553	7.2	180.7	173.6
216	61,238	62,763	12.7	120.4	111.4
217	61,238	62,763	12.7	120.4	111.4
218	77,960	79,163	10	122.9	115.3
219	61,238	62,763	12.7	120.4	111.4
220	789,482	789,602	1	242.3	242.2
221	151,712	152,334	5.2	87.3	85.7
222	241,032	241,424	3.3	162.8	159.5
223	273,928	274,273	2.9	208	206
224	223,570	223,992	3.5	174.5	171
225	61,057	62,586	12.7	158.1	145.2
226	64,296	65,750	12.1	202.2	191.7
227	230,305	230,715	3.4	85.3	84.3
228	101,153	102,083	7.7	207.5	201.7
229	117,586	118,387	6.7	187.3	181
230	56,186	57,844	13.8	192.4	179
233	102,200	103,121	7.7	110.8	106
235	280,474	280,811	2.8	92.2	91
236	77,631	78,840	10	150.2	140.4
237	119,519	120,307	6.6	102.8	99.3
238	48,717	50,620	15.8	151.9	136.4
239	61,057	62,586	12.7	158.1	145.2
240	71,567	72,876	10.9	141.4	131.3

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
241	62,540	64,034	12.4	185.7	173.2
242	62,549	64,042	12.4	185.7	173.2
243	71,653	72,960	10.9	141.3	131.2
244	61,967	63,474	12.5	195.5	183.7
245	55,109	56,799	14	156.7	142.5
246	55,109	56,799	14	156.7	142.5
247	55,109	56,799	14	156.7	142.5
248	57,952	59,561	13.3	184.9	171.3
249	184,573	185,084	4.3	98.6	96.6
250	173,454	173,999	4.5	100.5	98.2
251	83,981	85,099	9.3	215.3	209.3
252	61,238	62,763	12.7	120.4	111.4
253	82,182	83,324	9.5	117.6	110.9
254	61,238	62,763	12.7	120.4	111.4
255	166,787	167,352	4.7	202.9	199.3
257	89,031	90,087	8.8	121.7	115.2
258	99,098	100,047	7.9	112.6	107.5
259	102,447	103,365	7.6	111	106.2
260	48,556	50,466	15.8	151.8	136.3
261	83,981	85,099	9.3	215.3	209.3
262	59,962	61,519	12.9	175.7	162.2
263	55,033	56,725	14	171.8	157
264	55,033	56,725	14	171.8	157
265	55,033	56,725	14	171.8	157
268	165,353	165,924	4.8	102.4	99.9
269	55,033	56,725	14	171.8	157
270	229,549	229,960	3.4	191.7	188.7
271	237,859	238,256	3.3	194.8	192
272	110,554	111,406	7.1	154.7	147.5
273	50,437	52,278	15.2	142.5	128.5
274	77,511	78,721	10.1	135.6	126.7
275	77,462	78,673	10.1	204.7	196.5
276	100,632	101,567	7.8	111.1	106.2
277	156,688	157,291	5	140.2	135.5
279	54,175	55,893	14.2	184.7	170.1
280	100,769	101,703	7.8	180.4	172.7
281	48,152	50,077	15.9	154.3	138.4
282	71,794	73,099	10.8	188.6	178.1
283	50,145	51,996	15.3	178.5	162.3
284	49,605	51,476	15.5	176.4	160
285	229,348	229,759	3.4	191.7	188.7
286	50,745	52,575	15.2	145.3	131.1
287	64,229	65,684	12.1	147.3	135.7
289	47,298	49,256	16.2	156.7	140.4
290	98,661	99,614	7.9	207.7	201.8
291	83,981	85,099	9.3	215.3	209.3
292	61,498	63,017	12.6	153.1	140.6
293	83,981	85,099	9.3	215.3	209.3
295	56,752	58,394	13.6	188.6	175

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
296	61,920	63,428	12.5	141.9	130.4
297	183,636	184,150	4.3	207.1	204.1
299	61,515	63,033	12.6	143.8	132
300	134,704	135,404	5.8	90.1	88.1
301	164,053	164,628	4.8	219.8	217.3
302	278,101	278,441	2.8	92.2	91.1
303	82,182	83,324	9.5	117.6	110.9
304	48,591	50,499	15.8	151.9	136.4
305	113,835	114,663	6.9	104	100.2
307	136,375	137,066	5.8	101.9	98.9
308	178,472	179,001	4.4	208.8	205.8
309	49,605	51,476	15.5	176.4	160
310	60,206	61,756	12.9	126.3	116.3
311	60,811	62,347	12.7	171.8	158.5
312	82,182	83,324	9.5	117.6	110.9
313	61,920	63,428	12.5	141.9	130.4
314	61,920	63,428	12.5	141.9	130.4
315	63,390	64,864	12.2	194.5	182.9
316	63,390	64,864	12.2	194.5	182.9
317	56,186	57,844	13.8	192.4	179
318	55,033	56,725	14	171.8	157
319	55,033	56,725	14	171.8	157
320	83,981	85,099	9.3	215.3	209.3
321	80,093	81,264	9.7	213.8	207.2
322	126,346	127,092	6.2	99.6	96.6
323	73,646	74,918	10.6	185.1	174.7
324	55,047	56,738	14	171.8	157.1
325	104,128	105,032	7.5	222.2	218.4
326	79,320	80,503	9.8	135.2	126.5
328	55,033	56,725	14	171.8	157
329	127,103				
332	70,095	71,430	11.1	186.6	175.6
335	50,823	52,650	15.1	145.2	131
336	47,892	49,826	16	165.5	148.8
338	136,375	137,066	5.8	101.9	98.9
340	15,389				
341	15,389				
342	49,990	51,846	15.4	152.3	137.2
344	159,055	159,649	4.9	88	86.4
345	159,055	159,649	4.9	88	86.4
346	15,389				
347	96,615	97,588	8.1	104.9	100.5
348	102,515	103,433	7.6	109.2	104.5
350	39,539	41,861	19.2	147.4	129.4
353	156,688	157,291	5	140.2	135.5
354	105,679	106,570	7.4	95.8	92.7
355	105,679	106,570	7.4	95.8	92.7
356	55,501	57,179	13.9	181.4	167
357	15,389				

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
358	49,574	51,446	15.5	152.3	137
359	55,794	57,464	13.8	189.1	175.2
361	50,823	52,650	15.1	145.2	131
362	172,951	173,497	4.5	97.1	95
363	56,186	57,844	13.8	192.4	179
364	82,182	83,324	9.5	117.6	110.9
367	61,555	63,072	12.6	153.1	140.5
368	161,860	162,443	4.9	99	96.7
369	97,394	98,359	8	206.2	200.1
370	88,868	89,926	8.8	217.6	212.2
371	237,715	238,112	3.3	194.9	192.1
372	85,337	86,437	9.2	213.2	207
373	119,519	120,307	6.6	102.8	99.3
374	58,090	59,696	13.3	155.6	142.2
376	58,415	60,012	13.2	155.5	142.2
377	104,053	104,958	7.5	222.2	218.4
378	104,053	104,958	7.5	222.2	218.4
379	90,348	91,388	8.7	108.7	103.6
380	90,348	91,388	8.7	108.7	103.6
381	100,553	101,488	7.8	111.1	106.2
382	104,497	105,397	7.5	109.8	105.2
383	104,497	105,397	7.5	109.8	105.2
384	104,497	105,397	7.5	109.8	105.2
385	52,047	53,833	14.8	148.8	134.5
386	52,047	53,833	14.8	148.8	134.5
390	60,603	62,144	12.8	353.3	5.2
391	229,862	230,273	3.4	152.9	149.5
393	113,421	114,251	6.9	100.5	97.1
394	53,884	55,610	14.3	188.7	174.2
395	53,884	55,610	14.3	188.7	174.2
396	87,253	88,330	9	205.7	198.6
397	87,253	88,330	9	205.7	198.6
398	86,377	87,465	9	210.5	204.1
399	81,301	82,455	9.6	202	194
400	53,746	55,477	14.4	187.7	173.1
403	60,603	62,144	12.8	353.3	5.2
406	74,459	75,718	10.5	285.7	293.3
407	74,459	75,718	10.5	285.7	293.3
408	74,459	75,718	10.5	285.7	293.3
409	50,779	52,608	15.2	145.2	131
410	64,244	65,699	12.1	147.3	135.7
411	47,744	49,684	16.1	153.3	137.4
412	47,744	49,684	16.1	153.3	137.4
413	74,672	75,927	10.4	162.1	151.3
414	74,672	75,927	10.4	162.1	151.3
415	62,898	64,383	12.3	158	145.4
416	62,898	64,383	12.3	158	145.4
422	147,166	147,807	5.3	87.8	86.1
423	147,166	147,807	5.3	87.8	86.1

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
424	96,861	97,832	8.1	127.5	120.9
425	96,861	97,832	8.1	127.5	120.9
426	63,582	65,051	12.2	201.4	190.6
427	77,032	78,249	10.1	150.4	140.4
428	163,419	163,997	4.8	86.8	85.4
429	256,610	256,979	3.1	123.8	121.3
432	59,830	61,390	12.9	122.7	113.2
434	69,837	71,178	11.1	161.6	150.1
435	61,625	63,140	12.6	120.9	111.9
436	61,625	63,140	12.6	120.9	111.9
437	59,951	61,508	12.9	175.7	162.2
438	59,951	61,508	12.9	175.7	162.2
440	54,599	56,304	14.1	171.7	156.9
441	114,108				
442	67,669	69,052	11.5	186.8	175.4
443	81,353	82,507	9.6	213.9	207.4
444	156,030	156,634	5	101.4	98.8
445	49,636	51,505	15.5	154.3	138.8
446	126,783	127,527	6.2	101.5	98.3
448	59,932	61,489	12.9	122.5	113.1
449	53,895	55,621	14.3	188	173.5
450	61,238	62,763	12.7	120.4	111.4
451	230,305	230,715	3.4	85.3	84.3
452	55,033	56,725	14	171.8	157
453	60,177	61,728	12.9	127.9	117.8
454	44,231	46,319	17.3	143	127.3
456	97,716	98,679	8	104.4	100
457	43,848	45,953	17.4	144.7	128.6
458	98,586	99,540	7.9	220.8	216.5
459	52,151	53,933	14.8	184	168.7
460	59,830	61,390	12.9	122.7	113.2
461	55,033	56,725	14	171.8	157
462	122,210	122,981	6.4	154.4	148
463	51,223	53,036	15	180.4	164.6
464	50,745	52,575	15.2	145.3	131.1
468	52,736	54,499	14.6	145.4	131.7
470	59,830	61,390	12.9	122.7	113.2
472	144,895	145,546	5.4	104	101
473	55,109	56,799	14	156.7	142.5
474	102,038	102,960	7.7	96.4	93.1
475	114,108				
478	49,625	51,495	15.5	153.3	138
479	82,182	83,324	9.5	117.6	110.9
480	59,962	61,519	12.9	175.7	162.2
481	55,666	57,339	13.9	191.3	177.6
482	53,746	55,477	14.4	187.7	173.1
483	55,033	56,725	14	171.8	157
484	64,447	65,898	12	122.4	113.6
485	59,830	61,390	12.9	122.7	113.2



wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
486	60,573	62,114	12.8	139	127.5
487	62,229	63,730	12.5	119.5	110.8
488	68,472	69,839	11.4	205.7	196.5
489	82,182	83,324	9.5	117.6	110.9
490	68,849	70,209	11.3	186.3	175.1
491	61,515	63,033	12.6	143.8	132
492	49,605	51,476	15.5	176.4	160
493	64,836	66,278	12	186.5	174.6
494	132,292	133,005	5.9	112.1	108.2
495	118,488	119,283	6.6	102.6	99.1
496	59,780	61,341	13	157.4	144.3
497	57,853	59,464	13.4	155.2	141.8
498	68,472	69,839	11.4	205.7	196.5
499	49,262	51,145	15.6	152.5	137.2
500	106,543	107,427	7.4	114.8	109.8
501	64,244	65,699	12.1	147.3	135.7
502	97,716	98,679	8	104.4	100
503	55,033	56,725	14	171.8	157
504	61,220	62,745	12.7	119.7	110.8
506	54,499	56,207	14.2	182.9	168.2
507	54,099	55,819	14.3	183.6	168.9
508	58,018	59,625	13.3	186.5	173.1
509	64,802	66,244	12	185.9	173.9
517	52,600	54,368	14.6	185.6	170.5
518	51,566	53,368	14.9	182.6	167.1
521	92,977	93,988	8.4	98.1	94.3
522	50,125	51,976	15.3	150.4	135.4
523	131,554	132,271	6	94.4	92
524	131,554	132,271	6	94.4	92
525	54,087	55,807	14.3	185	170.3
526	167,704	168,267	4.7	101	98.6
527	88,450	89,513	8.8	217.4	212
528	82,182	83,324	9.5	117.6	110.9
530	71,653	72,960	10.9	141.3	131.2
531	135,961	136,654	5.8	203.3	198.8
533	47,429	49,382	16.2	148	132.6
534	60,464	62,007	12.8	157	144.1
536	87,962	89,030	8.9	216.9	211.4
538	75,865	77,101	10.3	173.6	163
540	93,811	94,813	8.3	208.5	202.4
541	48,823	50,723	15.7	172.9	156.3
543	61,440	62,960	12.6	142.8	131.1
544	61,397	62,918	12.6	142.2	130.5
545	63,582	65,051	12.2	201.4	190.6
546	144,351				
547	104,560	105,461	7.5	109.8	105.2
548	61,310	62,833	12.6	119.6	110.7
549	60,014	61,569	12.9	122.4	112.9
551	15,389				

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
554	60,885	62,418	12.7	198.9	187.3
555	50,823	52,650	15.1	145.2	131
556	50,823	52,650	15.1	145.2	131
557	71,653	72,960	10.9	141.3	131.2
558	68,849	70,209	11.3	186.3	175.1
560	178,391	178,920	4.4	221.2	219
561	81,305	82,460	9.6	187.9	178.6
562	134,933	135,631	5.8	90.7	88.7
563	60,603	62,144	12.8	353.3	5.2
564	61,238	62,763	12.7	120.4	111.4
565	75,865	77,101	10.3	173.6	163
566	71,653	72,960	10.9	141.3	131.2
567	55,666	57,339	13.9	191.3	177.6
569	108,715	109,581	7.2	114.4	109.6
570	64,405	65,856	12.1	174	161.5
571	56,555	58,203	13.7	192.1	178.7
572	97,716	98,679	8	104.4	100
573	88,679	89,739	8.8	150.8	142.1
574	82,182	83,324	9.5	117.6	110.9
575	69,176	70,530	11.2	145.1	134.4
576	53,746	55,477	14.4	187.7	173.1
577	48,443	50,357	15.8	171.8	155
581	161,482	162,067	4.9	139.8	135.3
582	48,347	50,265	15.9	152.8	137.1
583	48,347	50,265	15.9	152.8	137.1
584	15,389				
585	15,389				
586	48,347	50,265	15.9	152.8	137.1
587	227,464	227,879	3.5	156.2	152.7
588	227,464	227,879	3.5	156.2	152.7
589	230,286	230,696	3.4	319.3	322.7
590	61,625	63,140	12.6	120.9	111.9
591	51,566	53,368	14.9	182.6	167.1
592	51,566	53,368	14.9	182.6	167.1
595	64,794	66,237	12	117.1	109
596	64,794	66,237	12	117.1	109
597	59,859	61,418	12.9	122.6	113.1
598	56,256	57,912	13.7	152	138.4
599	56,869	58,508	13.6	170	155.7
600	119,497	120,286	6.6	153.8	147.2
601	119,497	120,286	6.6	153.8	147.2
602	61,440	62,960	12.6	142.8	131.1
603	70,095	71,430	11.1	186.6	175.6
604	48,690	50,594	15.8	151.7	136.3
605	380,791	381,039	2.1	89.7	89
606	61,238	62,763	12.7	120.4	111.4
607	50,779	52,608	15.2	145.2	131
608	61,238	62,763	12.7	120.4	111.4
609	59,465	61,034	13	123.1	113.5

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
611	75,865	77,101	10.3	173.6	163
612	59,830	61,390	12.9	122.7	113.2
613	88,822	89,880	8.8	101.1	96.8
614	37,626	40,059	20.1	171.6	150
615	88,822	89,880	8.8	101.1	96.8
616	104,944	105,841	7.5	108.1	103.7
618	251,832	252,207	3.1	65.9	66
619	89,303	90,356	8.8	100.9	96.7
621	100,422	101,359	7.8	108.8	104.1
622	110,346	111,199	7.1	170.6	163.3
623	55,033	56,725	14	171.8	157
624	134,704	135,404	5.8	90.1	88.1
628	117,866	118,665	6.7	102.7	99.2
629	59,830	61,390	12.9	122.7	113.2
630	68,135	69,509	11.4	120.9	112.7
631	59,440	61,009	13	123.2	113.5
632	55,666	57,339	13.9	191.3	177.6
634	95,366	96,352	8.2	113.8	108.3
635	85,637	86,734	9.1	213.3	207.1
636	163,649	164,225	4.8	87.1	85.7
637	163,649	164,225	4.8	87.1	85.7
638	48,205	50,128	15.9	151.1	135.6
640	60,958	62,490	12.7	120.2	111.2
641	50,745	52,575	15.2	145.3	131.1
642	50,745	52,575	15.2	145.3	131.1
643	48,417	50,332	15.9	152.5	136.9
644	49,341	51,221	15.6	175.4	158.9
645	74,682	75,937	10.4	210.2	202.5
646	49,341	51,221	15.6	175.4	158.9
647	49,341	51,221	15.6	175.4	158.9
648	44,248	46,335	17.3	143.7	127.9
649	62,549	64,042	12.4	185.7	173.2
650	56,186	57,844	13.8	192.4	179
651	61,515	63,033	12.6	143.8	132
653	55,033	56,725	14	171.8	157
654	55,033	56,725	14	171.8	157
656	61,688	63,202	12.6	142.2	130.6
657	76,816				
658	76,816				
659	78,621	79,815	9.9	202.7	194.4
660	117,586	118,387	6.7	187.3	181
661	60,912	62,445	12.7	139.2	127.8
662	49,714	51,581	15.5	154.5	139.1
663	70,444	71,773	11	198.4	188.5
664	61,238	62,763	12.7	120.4	111.4
665	59,780	61,341	13	157.4	144.3
666	59,780	61,341	13	157.4	144.3
668	135,203	135,900	5.8	90	88
669	107,390				

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
670	107,390				
671	59,499	61,067	13	122.2	112.7
672	59,499	61,067	13	122.2	112.7
675	64,405	65,856	12.1	174	161.5
676	61,238	62,763	12.7	120.4	111.4
677	79,525	80,705	9.8	167.3	157.2
679	61,763	63,275	12.6	120.9	111.9
680	59,712	61,275	13	122.8	113.3
682	56,940	58,577	13.6	192.3	179
683	123,684				
684	123,684				
685	123,684				
686	123,684				
687	123,684				
688	123,684				
689	48,334	50,251	15.9	150.5	135.1
690	59,811	61,371	12.9	122.6	113.1
691	59,712	61,275	13	122.8	113.3
692	76,816				
694	87,615	88,688	8.9	217.7	212.3
696	94,191	95,189	8.3	216.9	211.8
697	50,779	52,608	15.2	145.2	131
699	48,690	50,594	15.8	151.7	136.3
700	48,351	50,269	15.9	151.3	135.8
701	464,632				
702	103,543				
703	103,543				
704	77,960	79,163	10	122.9	115.3
705	93,541				
707	153,659	154,273	5.1	88.5	86.9
708	99,355	100,302	7.9	328.5	336.6
709	99,355	100,302	7.9	328.5	336.6
710	99,355	100,302	7.9	328.5	336.6
711	99,355	100,302	7.9	328.5	336.6
715	60,389	61,934	12.8	121.9	112.6
717	174,418				
718	174,418				
720	59,248	60,822	13.1	141.1	129.2
722	47,892	49,826	16	165.5	148.8
724	49,595	51,466	15.5	155.6	140.1
726	68,472	69,839	11.4	205.7	196.5
728	53,885	55,612	14.3	137.2	124.7
729	82,182	83,324	9.5	117.6	110.9
731	63,987	65,448	12.1	121.7	112.9
732	55,085	56,775	14	128.7	117.6
733	72,867	74,153	10.7	150.7	140.2
734	55,033	56,725	14	171.8	157
736	88,450	89,513	8.8	217.4	212
737	47,804	49,742	16	164.4	147.7

wit_num	ground_distance	slant_range	elevation	azimuth_initial	azimuth_final
738	49,605	51,476	15.5	176.4	160
740	56,186	57,844	13.8	191.5	178
741	81,969	83,114	9.5	117.6	111
742	81,969	83,114	9.5	117.6	111
743	81,969	83,114	9.5	117.6	111
744	47,892	49,826	16	165.5	148.8
745	287,773	288,101	2.7	94.5	93.4
746	287,773	288,101	2.7	94.5	93.4
747	61,625	63,140	12.6	120.9	111.9
748	68,193	69,566	11.4	160.5	148.8
749	238,636	239,032	3.3	94.2	92.8
750	68,135	69,509	11.4	120.9	112.7
751	68,135	69,509	11.4	120.9	112.7
752	59,830	61,390	12.9	122.7	113.2
754	61,515	63,033	12.6	143.8	132