

# **EXHIBIT 13**

## **Waiver Request of Section 74.1204**

Project City, CA K298AF 115 Watts ERP

Minor Tower Change

Calvary Chapel of Twin Falls, Inc.

November 2010

The proposed site is contained entirely inside the service contour of second-adjacent FM Stations KESR Shasta Lake City and KKLC Fall River Mills, CA

This proposal is a directional FMV, oriented to 250 degrees, located on an AM tower at 124 meters AGL. Due to the nature of the AM tower and the guy wires, all houses in this area are located outside the interfering contour of the following stations. No population will be affected by this proposal.

### **KESR**

The proposed site is contained entirely inside the service contour of second-adjacent FM Station KESR, 296C3, .1.4kW, Shasta Lake City, CA. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 76.7-dBu. Using the Undesired-to-Desired method for calculating proposed interference, the interfering contour is 116.7-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 112 meters, or 368 feet, from the base of the tower. Attached is a portion of the USGS Enterprise(CA) Quadrangle showing a directional interference contour of 569 feet in yellow. This is an AM tower site and there is no population located within the interference contour. Also attached is a picture from Google Earth showing the houses located outside the interference contour. Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent FM Station KESR Shasta Lake City.

### **KKLC**

The proposed site is contained entirely inside the service contour of second-adjacent FM Station KKLC, 300C1, 13kW, Fall River Mills, CA. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 72.9-dBu. Using the Undesired-to-Desired method for calculating proposed interference, the interfering contour is 112.9-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 174 meters, or 569 feet, from the base of the tower. In reality the interference contour is much less since the proposed COR is located at 124 meters AGL. Attached is a portion of the USGS Enterprise(CA) Quadrangle showing the interference contour on the directional antenna in yellow. This is an AM tower site and there is no population located within the interference contour. Also attached is a picture from Google Earth showing the houses located outside the interference contour. Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent FM Station KKLC Fall River Mills.







## Contour.out

TERRAIN AND CONTOUR DATA  
 ERP SUPPORT  
 CALVARY CHAPEL OF TWIN FALLS, INC.  
 K298AF PROJECT CITY, CA  
 MINOR MODIFICATION  
 NOVEMBER 2010

N. Lat. = 403725.0 W. Lng. = 1221649.0  
 HAAT and Distance to Contour,  
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	365.4	-52.4	0.1150	-9.39	1.000	5.84
001	336.8	-23.8	0.1150	-9.39	1.000	5.84
002	320.3	-7.3	0.1150	-9.39	1.000	5.84
003	314.9	-1.9	0.1150	-9.39	1.000	5.84
004	318.2	-5.2	0.1150	-9.39	1.000	5.84
005	328.0	-15.0	0.1150	-9.39	1.000	5.84
006	338.3	-25.3	0.1150	-9.39	1.000	5.84
007	346.8	-33.8	0.1150	-9.39	1.000	5.84
008	354.0	-41.0	0.1150	-9.39	1.000	5.84
009	358.4	-45.4	0.1150	-9.39	1.000	5.84
010	358.8	-45.8	0.1150	-9.39	1.000	5.84
011	344.8	-31.8	0.1150	-9.39	1.000	5.84
012	332.9	-19.9	0.1150	-9.39	1.000	5.84
013	317.1	-4.1	0.1150	-9.39	1.000	5.84
014	299.7	13.3	0.1150	-9.39	1.000	5.84
015	287.2	25.8	0.1150	-9.39	1.000	5.84
016	282.3	30.7	0.1150	-9.39	1.000	5.90
017	285.4	27.6	0.1150	-9.39	1.000	5.84
018	288.9	24.1	0.1150	-9.39	1.000	5.84
019	281.6	31.4	0.1150	-9.39	1.000	5.95
020	274.9	38.1	0.1150	-9.39	1.000	6.52
021	273.7	39.3	0.1150	-9.39	1.000	6.62
022	278.3	34.7	0.1150	-9.39	1.000	6.23
023	281.5	31.5	0.1150	-9.39	1.000	5.96
024	281.2	31.8	0.1150	-9.39	1.000	5.99
025	279.9	33.1	0.1150	-9.39	1.000	6.10
026	274.7	38.3	0.1150	-9.39	1.000	6.53
027	274.3	38.7	0.1150	-9.39	1.000	6.57
028	274.4	38.6	0.1150	-9.39	1.000	6.56
029	269.4	43.6	0.1150	-9.39	1.000	6.97
030	265.9	47.1	0.1150	-9.39	1.000	7.27
031	269.1	43.9	0.1150	-9.39	1.000	7.00
032	278.9	34.1	0.1150	-9.39	1.000	6.18
033	287.9	25.1	0.1150	-9.39	1.000	5.84
034	285.1	27.9	0.1150	-9.39	1.000	5.84
035	278.8	34.2	0.1150	-9.39	1.000	6.19
036	278.7	34.3	0.1150	-9.39	1.000	6.20
037	279.3	33.7	0.1150	-9.39	1.000	6.15
038	284.7	28.3	0.1150	-9.39	1.000	5.84
039	287.5	25.5	0.1150	-9.39	1.000	5.84
040	287.1	25.9	0.1150	-9.39	1.000	5.84
041	277.6	35.4	0.1150	-9.39	1.000	6.29
042	269.7	43.3	0.1150	-9.39	1.000	6.95
043	264.1	48.9	0.1150	-9.39	1.000	7.42
044	261.2	51.8	0.1150	-9.39	1.000	7.66
045	257.2	55.8	0.1150	-9.39	1.000	7.98
046	253.4	59.6	0.1150	-9.39	1.000	8.28
047	250.8	62.2	0.1150	-9.39	1.000	8.46
048	248.5	64.5	0.1150	-9.39	1.000	8.61
049	240.2	72.8	0.1150	-9.39	1.000	9.15
050	233.2	79.8	0.1150	-9.39	1.000	9.57

				Contour.out		
051	229.8	83.2	0.1150	-9.39	1.000	9.77
052	226.9	86.1	0.1150	-9.39	1.000	9.93
053	226.5	86.5	0.1150	-9.39	1.000	9.95
054	226.7	86.3	0.1150	-9.39	1.000	9.94
055	226.0	87.0	0.1150	-9.39	1.000	9.98
056	226.1	86.9	0.1150	-9.39	1.000	9.98
057	223.6	89.4	0.1150	-9.39	1.000	10.11
058	220.9	92.1	0.1150	-9.39	1.000	10.26
059	218.9	94.1	0.1150	-9.39	1.000	10.36
060	218.5	94.5	0.1150	-9.39	1.000	10.39
061	218.1	94.9	0.1150	-9.39	1.000	10.41
062	218.1	94.9	0.1150	-9.39	1.000	10.41
063	217.7	95.3	0.1150	-9.39	1.000	10.43
064	214.7	98.3	0.1150	-9.39	1.000	10.58
065	220.1	92.9	0.1150	-9.39	1.000	10.30
066	218.0	95.0	0.1150	-9.39	1.000	10.41
067	222.3	90.7	0.1150	-9.39	1.000	10.19
068	229.3	83.7	0.1150	-9.39	1.000	9.80
069	229.9	83.1	0.1150	-9.39	1.000	9.76
070	230.3	82.7	0.1150	-9.39	1.000	9.74
071	230.2	82.8	0.1150	-9.39	1.000	9.74
072	230.6	82.4	0.1150	-9.39	1.000	9.72
073	231.1	81.9	0.1150	-9.39	1.000	9.69
074	231.0	82.0	0.1150	-9.39	1.000	9.70
075	229.4	83.6	0.1150	-9.39	1.000	9.79
076	227.0	86.0	0.1150	-9.39	1.000	9.93
077	224.2	88.8	0.1150	-9.39	1.000	10.08
078	222.0	91.0	0.1150	-9.39	1.000	10.20
079	221.7	91.3	0.1150	-9.39	1.000	10.22
080	222.4	90.6	0.1150	-9.39	1.000	10.18
081	222.7	90.3	0.1150	-9.39	1.000	10.16
082	222.1	90.9	0.1150	-9.39	1.000	10.19
083	219.8	93.2	0.1150	-9.39	1.000	10.32
084	215.9	97.1	0.1150	-9.39	1.000	10.52
085	214.2	98.8	0.1150	-9.39	1.000	10.61
086	211.2	101.8	0.1150	-9.39	1.000	10.76
087	206.0	107.0	0.1150	-9.39	1.000	11.02
088	202.4	110.6	0.1150	-9.39	1.000	11.19
089	201.9	111.1	0.1150	-9.39	1.000	11.21
090	200.4	112.6	0.1150	-9.39	1.000	11.28
091	199.1	113.9	0.1150	-9.39	1.000	11.34
092	196.8	116.2	0.1150	-9.39	1.000	11.45
093	194.9	118.1	0.1150	-9.39	1.000	11.53
094	194.5	118.5	0.1150	-9.39	1.000	11.55
095	195.7	117.3	0.1150	-9.39	1.000	11.50
096	198.7	114.3	0.1150	-9.39	1.000	11.36
097	200.5	112.5	0.1150	-9.39	1.000	11.28
098	199.4	113.6	0.1150	-9.39	1.000	11.33
099	198.2	114.8	0.1150	-9.39	1.000	11.38
100	199.6	113.4	0.1150	-9.39	1.000	11.32
101	201.2	111.8	0.1150	-9.39	1.000	11.25
102	201.6	111.4	0.1150	-9.39	1.000	11.23
103	203.7	109.3	0.1150	-9.39	1.000	11.13
104	203.9	109.1	0.1150	-9.39	1.000	11.12
105	202.0	111.0	0.1150	-9.39	1.000	11.21
106	200.0	113.0	0.1150	-9.39	1.000	11.30
107	199.0	114.0	0.1150	-9.39	1.000	11.35
108	198.2	114.8	0.1150	-9.39	1.000	11.38
109	197.4	115.6	0.1150	-9.39	1.000	11.42
110	195.9	117.1	0.1150	-9.39	1.000	11.49
111	193.8	119.2	0.1150	-9.39	1.000	11.58
112	191.9	121.1	0.1150	-9.39	1.000	11.67
113	190.9	122.1	0.1150	-9.39	1.000	11.71
114	191.3	121.7	0.1150	-9.39	1.000	11.69
115	191.2	121.8	0.1150	-9.39	1.000	11.70
116	190.5	122.5	0.1150	-9.39	1.000	11.73

				Contour.out		
117	189.7	123.3	0.1150	-9.39	1.000	11.77
118	189.4	123.6	0.1150	-9.39	1.000	11.78
119	189.1	123.9	0.1150	-9.39	1.000	11.79
120	187.1	125.9	0.1150	-9.39	1.000	11.88
121	184.5	128.5	0.1150	-9.39	1.000	11.99
122	182.4	130.6	0.1150	-9.39	1.000	12.09
123	182.3	130.7	0.1150	-9.39	1.000	12.10
124	183.2	129.8	0.1150	-9.39	1.000	12.05
125	184.0	129.0	0.1150	-9.39	1.000	12.01
126	184.9	128.1	0.1150	-9.39	1.000	11.98
127	185.3	127.7	0.1150	-9.39	1.000	11.96
128	185.6	127.4	0.1150	-9.39	1.000	11.95
129	185.5	127.5	0.1150	-9.39	1.000	11.95
130	185.2	127.8	0.1150	-9.39	1.000	11.96
131	184.0	129.0	0.1150	-9.39	1.000	12.02
132	182.7	130.3	0.1150	-9.39	1.000	12.08
133	181.7	131.3	0.1150	-9.39	1.000	12.13
134	181.0	132.0	0.1150	-9.39	1.000	12.16
135	180.7	132.3	0.1150	-9.39	1.000	12.17
136	180.6	132.4	0.1150	-9.39	1.000	12.18
137	180.4	132.6	0.1150	-9.39	1.000	12.19
138	180.1	132.9	0.1150	-9.39	1.000	12.20
139	179.8	133.2	0.1150	-9.39	1.000	12.21
140	179.4	133.6	0.1150	-9.39	1.000	12.23
141	179.1	133.9	0.1150	-9.39	1.000	12.25
142	178.7	134.3	0.1150	-9.39	1.000	12.26
143	178.2	134.8	0.1150	-9.39	1.000	12.29
144	177.7	135.3	0.1150	-9.39	1.000	12.31
145	176.9	136.1	0.1150	-9.39	1.000	12.35
146	175.4	137.6	0.1150	-9.39	1.000	12.42
147	173.6	139.4	0.1150	-9.39	1.000	12.50
148	171.7	141.3	0.1150	-9.39	1.000	12.59
149	169.9	143.1	0.1150	-9.39	1.000	12.68
150	168.0	145.0	0.1150	-9.39	1.000	12.77
151	166.0	147.0	0.1150	-9.39	1.000	12.86
152	164.2	148.8	0.1150	-9.39	1.000	12.95
153	162.4	150.6	0.1150	-9.39	1.000	13.03
154	160.9	152.1	0.1150	-9.39	1.000	13.10
155	159.5	153.5	0.1150	-9.39	1.000	13.17
156	158.0	155.0	0.1150	-9.39	1.000	13.24
157	156.7	156.3	0.1150	-9.39	1.000	13.30
158	155.6	157.4	0.1150	-9.39	1.000	13.35
159	154.8	158.2	0.1150	-9.39	1.000	13.39
160	154.9	158.1	0.1150	-9.39	1.000	13.39
161	155.6	157.4	0.1150	-9.39	1.000	13.35
162	156.2	156.8	0.1150	-9.39	1.000	13.32
163	155.9	157.1	0.1150	-9.39	1.000	13.34
164	156.2	156.8	0.1150	-9.39	1.000	13.33
165	158.0	155.0	0.1150	-9.39	1.000	13.24
166	160.5	152.5	0.1150	-9.39	1.000	13.12
167	163.5	149.5	0.1150	-9.39	1.000	12.98
168	166.2	146.8	0.1150	-9.39	1.000	12.85
169	167.2	145.8	0.1150	-9.39	1.000	12.80
170	167.6	145.4	0.1150	-9.39	1.000	12.79
171	167.8	145.2	0.1150	-9.39	1.000	12.78
172	167.6	145.4	0.1150	-9.39	1.000	12.79
173	167.0	146.0	0.1150	-9.39	1.000	12.81
174	165.6	147.4	0.1150	-9.39	1.000	12.88
175	164.0	149.0	0.1150	-9.39	1.000	12.96
176	162.8	150.2	0.1150	-9.39	1.000	13.01
177	161.9	151.1	0.1150	-9.39	1.000	13.06
178	161.3	151.7	0.1150	-9.39	1.000	13.08
179	160.9	152.1	0.1150	-9.39	1.000	13.10
180	160.6	152.4	0.1150	-9.39	1.000	13.12
181	160.1	152.9	0.1150	-9.39	1.000	13.14
182	160.2	152.8	0.1150	-9.39	1.000	13.14



				Contour.out		
183	161.0	152.0	0.1150	-9.39	1.000	13.10
184	162.0	151.0	0.1150	-9.39	1.000	13.05
185	163.4	149.6	0.1150	-9.39	1.000	12.98
186	163.3	149.7	0.1150	-9.39	1.000	12.99
187	162.9	150.1	0.1150	-9.39	1.000	13.01
188	162.8	150.2	0.1150	-9.39	1.000	13.01
189	162.4	150.6	0.1150	-9.39	1.000	13.03
190	161.9	151.1	0.1150	-9.39	1.000	13.05
191	161.3	151.7	0.1150	-9.39	1.000	13.08
192	160.7	152.3	0.1150	-9.39	1.000	13.11
193	159.9	153.1	0.1150	-9.39	1.000	13.15
194	159.2	153.8	0.1150	-9.39	1.000	13.18
195	158.5	154.5	0.1150	-9.39	1.000	13.22
196	158.1	154.9	0.1150	-9.39	1.000	13.24
197	158.2	154.8	0.1150	-9.39	1.000	13.23
198	158.9	154.1	0.1150	-9.39	1.000	13.20
199	159.9	153.1	0.1150	-9.39	1.000	13.15
200	161.2	151.8	0.1150	-9.39	1.000	13.09
201	162.7	150.3	0.1150	-9.39	1.000	13.02
202	164.3	148.7	0.1150	-9.39	1.000	12.94
203	166.0	147.0	0.1150	-9.39	1.000	12.86
204	167.9	145.1	0.1150	-9.39	1.000	12.77
205	169.8	143.2	0.1150	-9.39	1.000	12.68
206	171.3	141.7	0.1150	-9.39	1.000	12.61
207	172.7	140.3	0.1150	-9.39	1.000	12.54
208	174.0	139.0	0.1150	-9.39	1.000	12.48
209	175.0	138.0	0.1150	-9.39	1.000	12.43
210	176.0	137.0	0.1150	-9.39	1.000	12.39
211	176.9	136.1	0.1150	-9.39	1.000	12.35
212	177.4	135.6	0.1150	-9.39	1.000	12.33
213	177.0	136.0	0.1150	-9.39	1.000	12.34
214	177.0	136.0	0.1150	-9.39	1.000	12.34
215	176.3	136.7	0.1150	-9.39	1.000	12.37
216	175.9	137.1	0.1150	-9.39	1.000	12.39
217	176.4	136.6	0.1150	-9.39	1.000	12.37
218	177.2	135.8	0.1150	-9.39	1.000	12.33
219	178.3	134.7	0.1150	-9.39	1.000	12.28
220	179.3	133.7	0.1150	-9.39	1.000	12.23
221	180.1	132.9	0.1150	-9.39	1.000	12.20
222	180.8	132.2	0.1150	-9.39	1.000	12.16
223	181.4	131.6	0.1150	-9.39	1.000	12.14
224	181.8	131.2	0.1150	-9.39	1.000	12.12
225	182.2	130.8	0.1150	-9.39	1.000	12.10
226	182.3	130.7	0.1150	-9.39	1.000	12.10
227	182.4	130.6	0.1150	-9.39	1.000	12.09
228	182.6	130.4	0.1150	-9.39	1.000	12.08
229	182.6	130.4	0.1150	-9.39	1.000	12.08
230	182.7	130.3	0.1150	-9.39	1.000	12.08
231	182.8	130.2	0.1150	-9.39	1.000	12.07
232	182.9	130.1	0.1150	-9.39	1.000	12.07
233	183.0	130.0	0.1150	-9.39	1.000	12.06
234	183.5	129.5	0.1150	-9.39	1.000	12.04
235	184.0	129.0	0.1150	-9.39	1.000	12.01
236	184.7	128.3	0.1150	-9.39	1.000	11.98
237	186.1	126.9	0.1150	-9.39	1.000	11.92
238	187.6	125.4	0.1150	-9.39	1.000	11.86
239	189.7	123.3	0.1150	-9.39	1.000	11.77
240	192.3	120.7	0.1150	-9.39	1.000	11.65
241	195.0	118.0	0.1150	-9.39	1.000	11.53
242	196.7	116.3	0.1150	-9.39	1.000	11.45
243	198.7	114.3	0.1150	-9.39	1.000	11.36
244	201.8	111.2	0.1150	-9.39	1.000	11.22
245	202.3	110.7	0.1150	-9.39	1.000	11.20
246	202.8	110.2	0.1150	-9.39	1.000	11.17
247	204.0	109.0	0.1150	-9.39	1.000	11.11
248	203.0	110.0	0.1150	-9.39	1.000	11.16

				Contour.out		
249	200.5	112.5	0.1150	-9.39	1.000	11.28
250	198.1	114.9	0.1150	-9.39	1.000	11.39
251	195.5	117.5	0.1150	-9.39	1.000	11.50
252	193.5	119.5	0.1150	-9.39	1.000	11.60
253	191.4	121.6	0.1150	-9.39	1.000	11.69
254	189.1	123.9	0.1150	-9.39	1.000	11.79
255	188.0	125.0	0.1150	-9.39	1.000	11.84
256	187.9	125.1	0.1150	-9.39	1.000	11.85
257	187.2	125.8	0.1150	-9.39	1.000	11.88
258	186.5	126.5	0.1150	-9.39	1.000	11.91
259	188.8	124.2	0.1150	-9.39	1.000	11.80
260	190.2	122.8	0.1150	-9.39	1.000	11.74
261	190.6	122.4	0.1150	-9.39	1.000	11.73
262	191.7	121.3	0.1150	-9.39	1.000	11.68
263	193.4	119.6	0.1150	-9.39	1.000	11.60
264	194.0	119.0	0.1150	-9.39	1.000	11.58
265	194.8	118.2	0.1150	-9.39	1.000	11.54
266	196.7	116.3	0.1150	-9.39	1.000	11.45
267	197.8	115.2	0.1150	-9.39	1.000	11.40
268	198.8	114.2	0.1150	-9.39	1.000	11.36
269	199.4	113.6	0.1150	-9.39	1.000	11.33
270	199.8	113.2	0.1150	-9.39	1.000	11.31
271	200.1	112.9	0.1150	-9.39	1.000	11.30
272	200.1	112.9	0.1150	-9.39	1.000	11.30
273	202.6	110.4	0.1150	-9.39	1.000	11.18
274	208.9	104.1	0.1150	-9.39	1.000	10.88
275	214.5	98.5	0.1150	-9.39	1.000	10.59
276	215.6	97.4	0.1150	-9.39	1.000	10.54
277	217.8	95.2	0.1150	-9.39	1.000	10.43
278	220.6	92.4	0.1150	-9.39	1.000	10.27
279	221.3	91.7	0.1150	-9.39	1.000	10.24
280	222.7	90.3	0.1150	-9.39	1.000	10.16
281	224.4	88.6	0.1150	-9.39	1.000	10.07
282	226.7	86.3	0.1150	-9.39	1.000	9.94
283	229.3	83.7	0.1150	-9.39	1.000	9.79
284	225.4	87.6	0.1150	-9.39	1.000	10.01
285	223.9	89.1	0.1150	-9.39	1.000	10.10
286	223.7	89.3	0.1150	-9.39	1.000	10.11
287	228.9	84.1	0.1150	-9.39	1.000	9.82
288	233.8	79.2	0.1150	-9.39	1.000	9.53
289	239.8	73.2	0.1150	-9.39	1.000	9.17
290	245.2	67.8	0.1150	-9.39	1.000	8.83
291	252.8	60.2	0.1150	-9.39	1.000	8.32
292	258.3	54.7	0.1150	-9.39	1.000	7.90
293	265.1	47.9	0.1150	-9.39	1.000	7.34
294	263.1	49.9	0.1150	-9.39	1.000	7.50
295	254.0	59.0	0.1150	-9.39	1.000	8.24
296	248.6	64.4	0.1150	-9.39	1.000	8.60
297	248.3	64.7	0.1150	-9.39	1.000	8.62
298	252.2	60.8	0.1150	-9.39	1.000	8.36
299	251.8	61.2	0.1150	-9.39	1.000	8.39
300	253.0	60.0	0.1150	-9.39	1.000	8.30
301	252.8	60.2	0.1150	-9.39	1.000	8.32
302	253.1	59.9	0.1150	-9.39	1.000	8.30
303	258.2	54.8	0.1150	-9.39	1.000	7.91
304	264.1	48.9	0.1150	-9.39	1.000	7.42
305	268.4	44.6	0.1150	-9.39	1.000	7.06
306	274.4	38.6	0.1150	-9.39	1.000	6.55
307	273.4	39.6	0.1150	-9.39	1.000	6.64
308	266.8	46.2	0.1150	-9.39	1.000	7.20
309	261.7	51.3	0.1150	-9.39	1.000	7.62
310	265.2	47.8	0.1150	-9.39	1.000	7.33
311	275.4	37.6	0.1150	-9.39	1.000	6.47
312	282.0	31.0	0.1150	-9.39	1.000	5.92
313	284.2	28.8	0.1150	-9.39	1.000	5.84
314	287.4	25.6	0.1150	-9.39	1.000	5.84



Contour.out					
315	295.3	17.7	0.1150	-9.39	1.000
316	301.9	11.1	0.1150	-9.39	1.000
317	306.1	6.9	0.1150	-9.39	1.000
318	316.1	-3.1	0.1150	-9.39	1.000
319	305.0	8.0	0.1150	-9.39	1.000
320	293.2	19.8	0.1150	-9.39	1.000
321	292.3	20.7	0.1150	-9.39	1.000
322	293.3	19.7	0.1150	-9.39	1.000
323	297.3	15.7	0.1150	-9.39	1.000
324	299.8	13.2	0.1150	-9.39	1.000
325	311.7	1.3	0.1150	-9.39	1.000
326	322.7	-9.7	0.1150	-9.39	1.000
327	334.7	-21.7	0.1150	-9.39	1.000
328	348.4	-35.4	0.1150	-9.39	1.000
329	362.0	-49.0	0.1150	-9.39	1.000
330	365.5	-52.5	0.1150	-9.39	1.000
331	353.3	-40.3	0.1150	-9.39	1.000
332	327.2	-14.2	0.1150	-9.39	1.000
333	304.8	8.2	0.1150	-9.39	1.000
334	296.6	16.4	0.1150	-9.39	1.000
335	304.9	8.1	0.1150	-9.39	1.000
336	315.9	-2.9	0.1150	-9.39	1.000
337	316.0	-3.0	0.1150	-9.39	1.000
338	312.7	0.3	0.1150	-9.39	1.000
339	306.6	6.4	0.1150	-9.39	1.000
340	295.5	17.5	0.1150	-9.39	1.000
341	289.4	23.6	0.1150	-9.39	1.000
342	289.6	23.4	0.1150	-9.39	1.000
343	287.9	25.1	0.1150	-9.39	1.000
344	283.4	29.6	0.1150	-9.39	1.000
345	284.5	28.5	0.1150	-9.39	1.000
346	291.7	21.3	0.1150	-9.39	1.000
347	301.6	11.4	0.1150	-9.39	1.000
348	309.7	3.3	0.1150	-9.39	1.000
349	311.1	1.9	0.1150	-9.39	1.000
350	316.5	-3.5	0.1150	-9.39	1.000
351	320.4	-7.4	0.1150	-9.39	1.000
352	330.5	-17.5	0.1150	-9.39	1.000
353	348.7	-35.7	0.1150	-9.39	1.000
354	354.9	-41.9	0.1150	-9.39	1.000
355	350.9	-37.9	0.1150	-9.39	1.000
356	340.7	-27.7	0.1150	-9.39	1.000
357	342.0	-29.0	0.1150	-9.39	1.000
358	359.3	-46.3	0.1150	-9.39	1.000
359	371.7	-58.7	0.1150	-9.39	1.000

Ave EI = 225.17 M HAAT= 87.83 M AMSL= 313 M  
Area by numeric integration= 334.72 Sq km.