

Contour Report: 360 Radials

Kevin Fitzgerald

Job: KRZQ Mercury.fmj:KRZQ Mercury

N36:38:08 W115:56:11 NAD-83

Channel: 291 Class: C

Signal Level: 60dBu(1.0mV/m) [50-50]

Max ERP: 100kW(20.0dBk) HAAT: 599.8 meters

Description: KRZQ, 106.1, Amargosa Valley, NV; Mercury 3 second; KRZQ 60 dBu

rfInvestigator Version 3.8.16

by rfSoftware, Inc.

Date: 4/20/2020 1:31:25 PM

USGS 3-Sec DEM(DMA)

Pop in Contour: 1,429,886

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Rad Center: 1,813.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
000	57.154	(35.514)	049	46.703	(29.020)	098	83.144	(51.663)	147	93.959	(58.384)
001	57.090	(35.474)	050	47.441	(29.478)	099	83.699	(52.008)	148	93.833	(58.305)
002	57.076	(35.465)	051	48.313	(30.020)	100	84.137	(52.280)	149	93.706	(58.226)
003	57.117	(35.491)	052	49.134	(30.530)	101	84.537	(52.529)	150	93.577	(58.146)
004	57.114	(35.489)	053	49.780	(30.932)	102	84.488	(52.498)	151	93.444	(58.063)
005	57.043	(35.445)	054	50.239	(31.217)	103	84.384	(52.433)	152	93.303	(57.975)
006	56.943	(35.383)	055	50.520	(31.392)	104	84.330	(52.400)	153	93.160	(57.887)
007	56.760	(35.269)	056	50.588	(31.434)	105	84.506	(52.510)	154	93.012	(57.795)
008	56.522	(35.121)	057	50.555	(31.413)	106	85.292	(52.998)	155	92.870	(57.707)
009	56.156	(34.894)	058	50.913	(31.636)	107	86.462	(53.725)	156	92.725	(57.617)
010	55.672	(34.593)	059	51.762	(32.163)	108	87.415	(54.317)	157	92.572	(57.522)
011	55.182	(34.288)	060	52.687	(32.738)	109	88.120	(54.755)	158	92.415	(57.424)
012	54.627	(33.944)	061	53.494	(33.240)	110	88.848	(55.208)	159	92.256	(57.325)
013	54.171	(33.660)	062	54.022	(33.568)	111	89.696	(55.734)	160	92.098	(57.227)
014	53.591	(33.300)	063	54.286	(33.731)	112	90.500	(56.234)	161	91.949	(57.135)
015	53.065	(32.973)	064	54.622	(33.941)	113	91.152	(56.639)	162	91.792	(57.037)
016	52.475	(32.607)	065	54.967	(34.155)	114	91.790	(57.036)	163	91.623	(56.932)
017	51.373	(31.921)	066	55.076	(34.223)	115	92.520	(57.489)	164	91.452	(56.826)
018	50.709	(31.509)	067	55.111	(34.244)	116	93.186	(57.903)	165	91.274	(56.715)
019	49.884	(30.997)	068	55.248	(34.329)	117	93.729	(58.240)	166	91.058	(56.580)
020	48.890	(30.379)	069	55.320	(34.374)	118	94.198	(58.532)	167	90.839	(56.445)
021	47.924	(29.779)	070	55.481	(34.474)	119	94.784	(58.896)	168	90.638	(56.319)
022	47.350	(29.422)	071	55.657	(34.584)	120	95.280	(59.204)	169	90.413	(56.180)
023	46.697	(29.016)	072	56.172	(34.904)	121	95.390	(59.273)	170	90.169	(56.028)
024	46.492	(28.889)	073	57.450	(35.698)	122	95.464	(59.319)	171	89.976	(55.908)
025	46.605	(28.959)	074	59.023	(36.675)	123	95.494	(59.337)	172	89.846	(55.827)
026	46.676	(29.003)	075	60.587	(37.647)	124	95.549	(59.371)	173	89.676	(55.722)
027	46.462	(28.870)	076	61.805	(38.404)	125	95.585	(59.394)	174	89.318	(55.500)
028	46.475	(28.878)	077	62.817	(39.033)	126	95.558	(59.377)	175	88.923	(55.254)
029	46.435	(28.853)	078	63.648	(39.549)	127	95.551	(59.372)	176	88.884	(55.230)
030	46.273	(28.752)	079	64.592	(40.136)	128	95.554	(59.374)	177	88.717	(55.126)
031	46.222	(28.721)	080	66.037	(41.033)	129	95.559	(59.377)	178	88.523	(55.006)
032	46.092	(28.640)	081	67.737	(42.090)	130	95.513	(59.349)	179	88.397	(54.927)
033	45.939	(28.545)	082	69.365	(43.101)	131	95.503	(59.343)	180	88.206	(54.808)
034	45.600	(28.335)	083	70.901	(44.055)	132	95.503	(59.343)	181	87.475	(54.354)
035	45.324	(28.163)	084	72.294	(44.921)	133	95.525	(59.357)	182	86.668	(53.853)
036	44.808	(27.842)	085	73.449	(45.639)	134	95.496	(59.339)	183	86.125	(53.515)
037	44.190	(27.458)	086	74.360	(46.205)	135	95.422	(59.292)	184	86.022	(53.452)
038	43.840	(27.241)	087	75.146	(46.693)	136	95.334	(59.238)	185	86.123	(53.514)
039	43.536	(27.052)	088	75.902	(47.163)	137	95.232	(59.174)	186	86.512	(53.756)
040	43.114	(26.790)	089	76.393	(47.468)	138	95.121	(59.106)	187	86.597	(53.808)
041	43.287	(26.898)	090	77.171	(47.952)	139	95.005	(59.033)	188	86.378	(53.672)
042	43.730	(27.173)	091	78.063	(48.506)	140	94.877	(58.953)	189	85.831	(53.333)
043	44.035	(27.362)	092	79.010	(49.094)	141	94.748	(58.874)	190	85.672	(53.234)
044	44.274	(27.510)	093	79.917	(49.658)	142	94.613	(58.790)	191	85.847	(53.342)
045	44.727	(27.792)	094	80.790	(50.201)	143	94.478	(58.706)	192	86.189	(53.555)
046	45.198	(28.084)	095	81.544	(50.669)	144	94.341	(58.621)	193	86.883	(53.987)
047	45.676	(28.382)	096	82.075	(50.999)	145	94.209	(58.539)	194	86.927	(54.014)
048	46.184	(28.698)	097	82.565	(51.303)	146	94.089	(58.464)	195	86.897	(53.995)

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Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
196	86.595	(53.807)	245	97.713	(60.716)	294	69.339	(43.085)	343	57.429	(35.685)
197	85.989	(53.431)	246	97.053	(60.306)	295	68.606	(42.630)	344	57.452	(35.699)
198	85.477	(53.113)	247	96.484	(59.952)	296	67.929	(42.209)	345	57.422	(35.680)
199	85.331	(53.022)	248	95.881	(59.577)	297	67.300	(41.818)	346	57.400	(35.667)
200	85.177	(52.926)	249	95.204	(59.157)	298	66.593	(41.379)	347	57.456	(35.701)
201	85.308	(53.008)	250	94.661	(58.820)	299	65.820	(40.899)	348	57.551	(35.760)
202	85.739	(53.276)	251	94.054	(58.442)	300	65.241	(40.539)	349	57.603	(35.793)
203	86.322	(53.638)	252	93.187	(57.904)	301	64.734	(40.224)	350	57.607	(35.795)
204	87.253	(54.217)	253	92.456	(57.449)	302	64.052	(39.800)	351	57.605	(35.794)
205	87.636	(54.454)	254	91.688	(56.972)	303	63.641	(39.545)	352	57.627	(35.808)
206	87.789	(54.550)	255	91.485	(56.846)	304	63.292	(39.328)	353	57.650	(35.822)
207	88.339	(54.891)	256	91.143	(56.633)	305	62.715	(38.969)	354	57.617	(35.801)
208	88.971	(55.284)	257	90.824	(56.435)	306	62.225	(38.665)	355	57.496	(35.726)
209	89.827	(55.816)	258	90.410	(56.178)	307	61.696	(38.336)	356	57.389	(35.660)
210	90.329	(56.128)	259	89.987	(55.915)	308	61.384	(38.142)	357	57.334	(35.626)
211	90.692	(56.354)	260	89.429	(55.569)	309	61.109	(37.972)	358	57.296	(35.602)
212	91.048	(56.575)	261	88.843	(55.205)	310	60.476	(37.578)	359	57.222	(35.556)
213	91.044	(56.572)	262	88.197	(54.803)	311	60.003	(37.284)			
214	91.564	(56.895)	263	87.606	(54.436)	312	59.475	(36.956)			
215	92.079	(57.215)	264	87.024	(54.074)	313	59.117	(36.734)			
216	92.841	(57.688)	265	86.367	(53.666)	314	58.851	(36.568)			
217	93.133	(57.870)	266	85.884	(53.366)	315	58.504	(36.353)			
218	93.094	(57.846)	267	85.367	(53.045)	316	58.059	(36.076)			
219	93.507	(58.102)	268	84.879	(52.741)	317	57.735	(35.875)			
220	93.710	(58.228)	269	84.413	(52.452)	318	57.365	(35.645)			
221	94.242	(58.559)	270	83.991	(52.190)	319	56.935	(35.378)			
222	94.615	(58.791)	271	83.627	(51.963)	320	56.567	(35.149)			
223	94.793	(58.902)	272	83.157	(51.671)	321	56.738	(35.255)			
224	95.175	(59.139)	273	82.671	(51.370)	322	56.844	(35.321)			
225	95.608	(59.408)	274	82.128	(51.032)	323	56.810	(35.300)			
226	96.021	(59.665)	275	81.578	(50.690)	324	56.771	(35.276)			
227	96.400	(59.900)	276	81.033	(50.352)	325	56.881	(35.344)			
228	96.926	(60.227)	277	80.453	(49.991)	326	57.065	(35.458)			
229	97.261	(60.435)	278	79.841	(49.611)	327	57.344	(35.632)			
230	97.352	(60.492)	279	79.259	(49.249)	328	57.417	(35.677)			
231	97.653	(60.679)	280	78.627	(48.857)	329	57.419	(35.678)			
232	97.850	(60.801)	281	78.019	(48.478)	330	57.373	(35.650)			
233	97.829	(60.788)	282	77.443	(48.121)	331	57.364	(35.644)			
234	97.636	(60.668)	283	76.841	(47.747)	332	57.289	(35.598)			
235	98.045	(60.922)	284	76.200	(47.348)	333	57.305	(35.608)			
236	98.610	(61.274)	285	75.556	(46.948)	334	57.285	(35.595)			
237	99.090	(61.571)	286	74.922	(46.554)	335	57.265	(35.583)			
238	99.214	(61.649)	287	74.222	(46.119)	336	57.205	(35.545)			
239	99.392	(61.759)	288	73.503	(45.672)	337	57.148	(35.510)			
240	99.748	(61.980)	289	72.751	(45.205)	338	57.124	(35.495)			
241	99.479	(61.813)	290	71.995	(44.735)	339	57.141	(35.505)			
242	99.272	(61.684)	291	71.361	(44.342)	340	57.220	(35.555)			
243	98.959	(61.490)	292	70.763	(43.970)	341	57.318	(35.616)			
244	98.078	(60.942)	293	70.091	(43.553)	342	57.371	(35.649)			