

Contour Report: 360 Radials

Kevin Fitzgerald

Job: KRZQ Mercury.fmj:KXFF FCC

N37:05:41 W113:11:09 NAD-83

Channel: 291 Class: C

Signal Level: 40dBu(0.1mV/m) [50-10]

Max ERP: 100kW(20.0dBk) HAAT: 299.2 meters

Description: KRZQ, 106.1, Amargosa Valley, NV; Mercury 3 second; KXFF 40 dBu

rfInvestigator Version 3.8.16

by rfSoftware, Inc.

Date: 4/20/2020 2:05:27 PM

USGS 3-Sec DEM(DMA)

Pop in Contour: 196,266

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Rad Center: 1,681.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
000	184.057	(114.368)	049	177.950	(110.572)	098	130.703	(81.215)	147	156.684	(97.359)
001	184.118	(114.405)	050	177.658	(110.391)	099	130.703	(81.215)	148	156.378	(97.169)
002	184.145	(114.422)	051	177.792	(110.475)	100	130.703	(81.215)	149	155.825	(96.825)
003	183.970	(114.313)	052	177.557	(110.328)	101	130.703	(81.215)	150	155.267	(96.478)
004	183.392	(113.954)	053	177.363	(110.208)	102	130.703	(81.215)	151	155.611	(96.692)
005	182.765	(113.565)	054	176.796	(109.856)	103	130.703	(81.215)	152	155.826	(96.826)
006	182.665	(113.503)	055	176.130	(109.442)	104	130.703	(81.215)	153	156.526	(97.260)
007	182.819	(113.598)	056	175.765	(109.215)	105	132.883	(82.570)	154	157.508	(97.870)
008	182.907	(113.653)	057	175.905	(109.302)	106	140.504	(87.305)	155	158.602	(98.551)
009	182.920	(113.661)	058	175.979	(109.348)	107	143.263	(89.019)	156	158.529	(98.505)
010	182.769	(113.567)	059	175.990	(109.355)	108	145.958	(90.694)	157	157.615	(97.937)
011	182.214	(113.223)	060	175.570	(109.094)	109	148.266	(92.128)	158	155.953	(96.905)
012	180.830	(112.362)	061	175.546	(109.079)	110	150.359	(93.429)	159	153.450	(95.349)
013	178.025	(110.619)	062	175.303	(108.928)	111	152.076	(94.495)	160	152.843	(94.972)
014	176.737	(109.819)	063	174.706	(108.557)	112	153.263	(95.233)	161	153.882	(95.618)
015	176.129	(109.441)	064	173.788	(107.986)	113	154.049	(95.722)	162	154.383	(95.929)
016	175.763	(109.214)	065	172.637	(107.271)	114	154.879	(96.237)	163	154.532	(96.022)
017	176.080	(109.411)	066	171.602	(106.629)	115	155.476	(96.608)	164	154.775	(96.173)
018	176.524	(109.687)	067	170.413	(105.890)	116	155.746	(96.776)	165	154.194	(95.811)
019	177.390	(110.225)	068	169.218	(105.147)	117	156.038	(96.957)	166	154.544	(96.029)
020	178.408	(110.857)	069	168.107	(104.457)	118	156.380	(97.170)	167	155.442	(96.587)
021	179.099	(111.286)	070	166.871	(103.689)	119	156.750	(97.400)	168	156.503	(97.246)
022	178.683	(111.028)	071	165.661	(102.937)	120	157.136	(97.640)	169	156.585	(97.297)
023	177.852	(110.512)	072	164.675	(102.324)	121	157.542	(97.892)	170	156.162	(97.034)
024	177.348	(110.198)	073	163.451	(101.564)	122	157.948	(98.144)	171	156.465	(97.222)
025	176.983	(109.972)	074	161.922	(100.614)	123	158.337	(98.386)	172	156.591	(97.301)
026	176.636	(109.756)	075	160.669	(99.835)	124	158.674	(98.595)	173	156.634	(97.328)
027	176.412	(109.617)	076	159.559	(99.145)	125	158.970	(98.779)	174	157.493	(97.862)
028	176.314	(109.556)	077	157.880	(98.102)	126	159.225	(98.938)	175	159.449	(99.077)
029	175.880	(109.287)	078	156.464	(97.222)	127	159.420	(99.059)	176	160.949	(100.009)
030	175.593	(109.108)	079	157.008	(97.560)	128	159.556	(99.143)	177	161.591	(100.408)
031	176.128	(109.441)	080	156.856	(97.465)	129	159.609	(99.176)	178	162.011	(100.669)
032	176.527	(109.688)	081	155.840	(96.834)	130	159.626	(99.187)	179	162.355	(100.883)
033	176.736	(109.819)	082	153.761	(95.542)	131	159.599	(99.170)	180	162.674	(101.081)
034	177.078	(110.031)	083	152.295	(94.631)	132	159.559	(99.145)	181	162.890	(101.215)
035	177.462	(110.270)	084	151.283	(94.003)	133	159.525	(99.124)	182	163.022	(101.297)
036	177.390	(110.225)	085	151.379	(94.062)	134	159.863	(99.334)	183	163.028	(101.301)
037	177.670	(110.399)	086	151.009	(93.832)	135	160.196	(99.541)	184	162.864	(101.199)
038	178.088	(110.659)	087	149.531	(92.914)	136	160.425	(99.683)	185	162.667	(101.076)
039	178.205	(110.731)	088	147.348	(91.557)	137	160.580	(99.780)	186	162.519	(100.984)
040	178.007	(110.608)	089	144.490	(89.782)	138	160.753	(99.887)	187	162.467	(100.952)
041	178.561	(110.952)	090	142.178	(88.345)	139	160.905	(99.981)	188	162.407	(100.915)
042	179.610	(111.604)	091	140.651	(87.396)	140	160.780	(99.904)	189	162.235	(100.808)
043	180.376	(112.080)	092	140.066	(87.033)	141	159.984	(99.409)	190	161.927	(100.617)
044	180.462	(112.134)	093	139.475	(86.666)	142	159.663	(99.210)	191	161.528	(100.368)
045	180.403	(112.097)	094	138.171	(85.855)	143	158.845	(98.702)	192	160.937	(100.001)
046	179.927	(111.801)	095	136.237	(84.653)	144	158.422	(98.438)	193	159.795	(99.292)
047	179.027	(111.242)	096	132.915	(82.589)	145	158.080	(98.226)	194	158.533	(98.508)
048	178.460	(110.890)	097	130.703	(81.215)	146	157.307	(97.746)	195	158.183	(98.290)

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Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
196	158.147	(98.268)	245	170.083	(105.684)	294	189.422	(117.701)	343	185.235	(115.099)
197	158.278	(98.349)	246	170.286	(105.811)	295	189.573	(117.795)	344	184.929	(114.909)
198	158.524	(98.502)	247	170.892	(106.187)	296	189.507	(117.754)	345	184.244	(114.483)
199	158.853	(98.706)	248	171.686	(106.680)	297	189.466	(117.729)	346	183.099	(113.772)
200	159.147	(98.889)	249	172.603	(107.251)	298	189.534	(117.770)	347	181.812	(112.973)
201	159.496	(99.106)	250	173.369	(107.726)	299	189.581	(117.800)	348	181.673	(112.886)
202	159.787	(99.287)	251	173.793	(107.990)	300	189.844	(117.963)	349	182.000	(113.089)
203	159.785	(99.286)	252	174.289	(108.298)	301	190.175	(118.169)	350	182.337	(113.299)
204	159.754	(99.266)	253	174.832	(108.635)	302	190.455	(118.343)	351	182.687	(113.516)
205	159.624	(99.185)	254	175.567	(109.092)	303	190.722	(118.509)	352	182.916	(113.659)
206	159.419	(99.058)	255	176.416	(109.620)	304	190.943	(118.646)	353	183.621	(114.097)
207	159.339	(99.008)	256	177.439	(110.255)	305	191.068	(118.724)	354	184.210	(114.463)
208	158.821	(98.687)	257	178.629	(110.995)	306	191.157	(118.779)	355	184.453	(114.614)
209	158.333	(98.384)	258	180.055	(111.881)	307	191.149	(118.774)	356	184.321	(114.531)
210	158.072	(98.221)	259	181.188	(112.585)	308	191.140	(118.769)	357	184.212	(114.464)
211	157.677	(97.976)	260	181.995	(113.086)	309	191.083	(118.733)	358	184.231	(114.475)
212	156.531	(97.264)	261	182.680	(113.512)	310	190.959	(118.656)	359	184.188	(114.449)
213	155.525	(96.639)	262	183.336	(113.919)	311	190.599	(118.433)			
214	154.237	(95.839)	263	184.111	(114.401)	312	190.283	(118.236)			
215	152.412	(94.704)	264	184.677	(114.753)	313	190.145	(118.151)			
216	149.774	(93.065)	265	185.342	(115.166)	314	190.014	(118.069)			
217	148.016	(91.973)	266	185.786	(115.442)	315	189.912	(118.005)			
218	148.334	(92.170)	267	186.147	(115.666)	316	189.869	(117.979)			
219	149.364	(92.811)	268	186.425	(115.839)	317	189.894	(117.995)			
220	150.708	(93.646)	269	186.738	(116.033)	318	189.947	(118.027)			
221	152.027	(94.465)	270	187.038	(116.220)	319	189.931	(118.017)			
222	153.629	(95.460)	271	187.367	(116.424)	320	189.662	(117.850)			
223	155.696	(96.745)	272	187.679	(116.618)	321	189.405	(117.691)			
224	158.635	(98.571)	273	187.838	(116.717)	322	189.278	(117.612)			
225	161.626	(100.429)	274	187.929	(116.773)	323	189.330	(117.644)			
226	163.400	(101.532)	275	187.911	(116.762)	324	189.427	(117.704)			
227	164.391	(102.147)	276	187.869	(116.736)	325	189.511	(117.757)			
228	165.087	(102.580)	277	187.912	(116.763)	326	189.479	(117.736)			
229	165.462	(102.813)	278	188.035	(116.839)	327	189.479	(117.736)			
230	165.954	(103.119)	279	188.250	(116.973)	328	189.588	(117.804)			
231	166.191	(103.266)	280	188.437	(117.089)	329	189.379	(117.674)			
232	166.408	(103.401)	281	188.720	(117.265)	330	188.978	(117.425)			
233	166.803	(103.646)	282	188.823	(117.329)	331	188.526	(117.145)			
234	167.302	(103.957)	283	188.893	(117.373)	332	188.077	(116.865)			
235	167.727	(104.221)	284	188.869	(117.357)	333	187.871	(116.737)			
236	168.091	(104.447)	285	188.854	(117.348)	334	187.731	(116.650)			
237	168.460	(104.676)	286	188.889	(117.370)	335	187.618	(116.580)			
238	168.865	(104.928)	287	188.873	(117.360)	336	187.423	(116.459)			
239	169.205	(105.139)	288	188.855	(117.349)	337	187.170	(116.302)			
240	169.334	(105.219)	289	188.769	(117.295)	338	186.872	(116.117)			
241	169.356	(105.233)	290	188.801	(117.315)	339	186.552	(115.918)			
242	169.458	(105.296)	291	189.067	(117.480)	340	186.202	(115.700)			
243	169.791	(105.503)	292	189.164	(117.541)	341	185.845	(115.478)			
244	170.055	(105.667)	293	189.238	(117.586)	342	185.505	(115.267)			