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**U. S. Department of Commerce**

*Sinclair Weeks, Secretary*

**Coast and Geodetic Survey**

*H. Arnold Karo, Director*

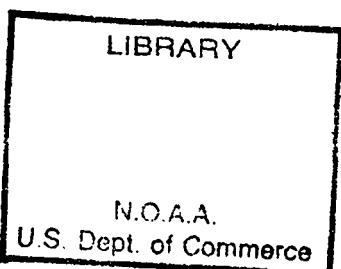
**Special Publication No. 342**

**PLANE COORDINATE  
INTERSECTION TABLES  
(2½-MINUTE)**

**RHODE ISLAND**



**UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1956**



# **National Oceanic and Atmospheric Administration**

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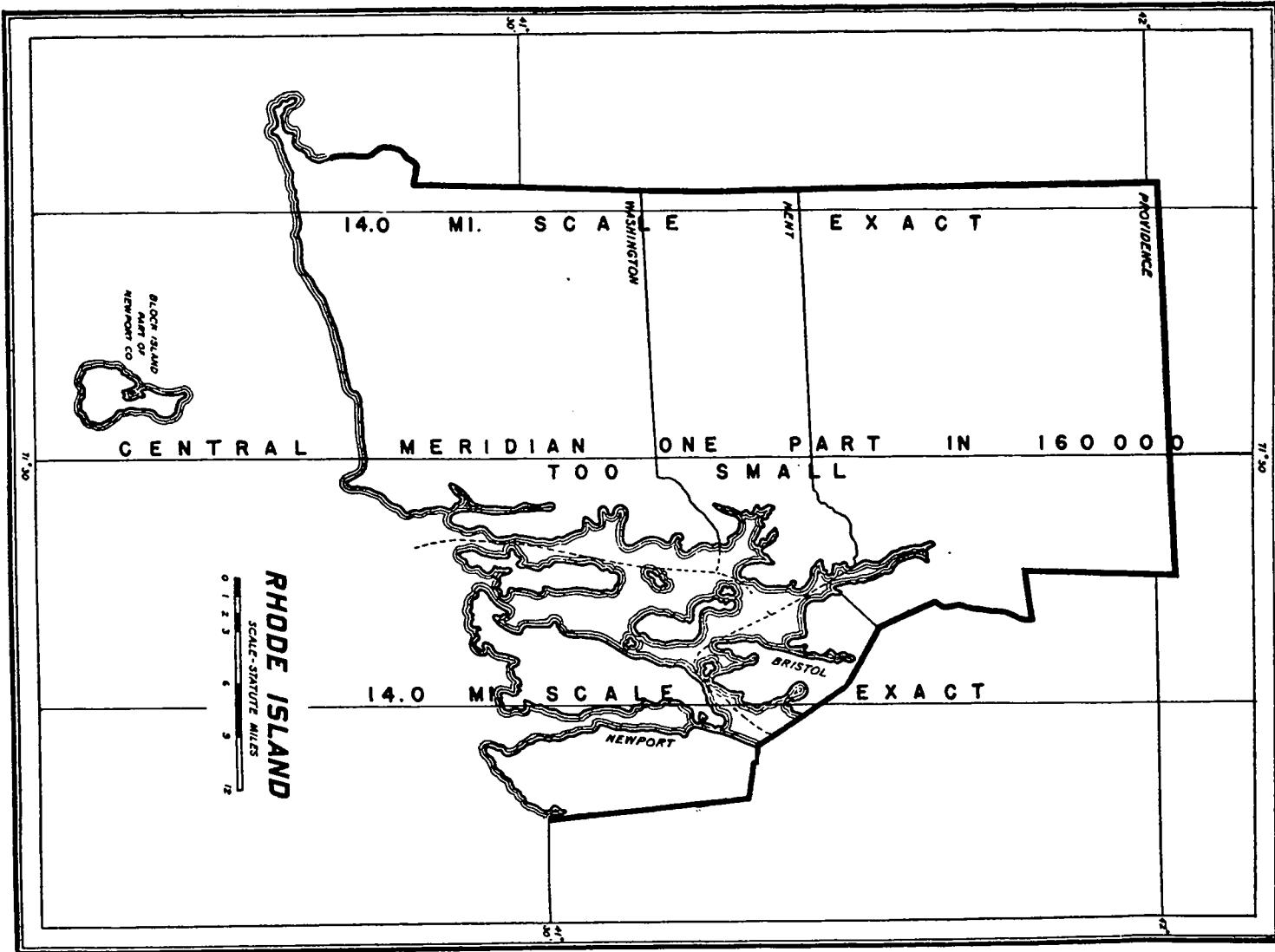
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U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY



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MAY 14 1956

## FOREWORD

The tables in this publication contain the plane coordinates for 2½-minute intersections of meridians and parallels within the limits of the State. These plane coordinates are based on the State plane-coordinate system established by the U. S. Coast and Geodetic Survey. The tables are arranged by 12½-minute bands of latitude with the full range of longitude of the State, followed by the coordinates for the next higher band of latitude.

These tables have been prepared for use in making maps. Meridians and parallels may be placed on maps constructed on a rectangular grid of the State system, or the grid lines of the system may be placed on maps constructed on a projection of meridians and parallels. In the latter case the grid will not be truly rectangular unless the projection has been constructed on the State system. Approximate values of plane coordinates of geographic positions may be obtained by interpolation within the tables. In general, this is not recommended, as it is believed to involve more numerical operations than a rigorous computation from the basic projection tables.

The basic projection tables for this State system may be obtained from the Superintendent of Documents, U. S. Government Printing Office.

**RHODE ISLAND**  
**STATE PLANE COORDINATES FOR 2½-MINUTE INTERSECTIONS**

FEET

LONGITUDE	LATITUDE			LATITUDE		
	X	Y	X	Y		
71 00 00	637 845.88	395.87	637 758.79	15 576.51		
02 30	626 358.69	332.13	626 278.85	15 513.36		
05 00	614 871.51	274.49	614 798.93	15 455.71		
07 30	603 384.34	222.33	603 319.01	15 403.54		
71 10 00	591 897.17	175.67	591 839.10	15 356.87		
12 30	580 410.01	134.50	580 359.20	15 315.69		
15 00	568 922.85	98.81	568 879.30	15 280.00		
17 30	557 435.70	68.68	557 399.41	15 249.80		
71 20 00	545 948.56	43.92	545 919.52	15 225.09		
22 30	534 461.41	24.70	534 439.64	15 205.87		
25 00	522 974.27	10.98	522 959.76	15 192.15		
27 30	511 487.14	2.74	511 479.88	15 183.91		
71 30 00	500 000.00	0.00	500 000.00	15 181.17		
32 30	488 512.86	2.74	488 520.12	15 183.91		
35 00	477 025.73	10.98	477 040.24	15 192.15		
37 30	465 538.59	24.70	465 560.36	15 205.87		
71 40 00	454 051.44	43.92	454 080.48	15 225.09		
42 30	442 561.30	68.68	442 500.59	15 249.80		
45 00	431 077.15	98.81	431 120.70	15 280.00		
47 30	419 589.99	134.50	419 640.80	15 315.69		
71 50 00	408 102.83	175.67	408 160.90	15 356.87		
52 30	396 615.66	222.33	396 680.99	15 403.54		
55 00	385 128.49	274.49	385 201.07	15 455.71		
57 30	373 641.31	332.13	373 721.15	15 513.36		
72 00 00	362 154.12	395.87	362 241.81	15 576.51		
71 00 00	637 671.61	30 757.87	637 584.37	45 939.34		
02 30	626 198.95	30 694.71	626 118.97	45 876.17		
05 00	614 726.29	30 637.05	614 653.58	45 818.49		
07 30	603 253.63	30 584.87	603 188.80	45 766.31		
71 10 00	591 780.99	30 538.19	591 722.83	45 719.62		
12 30	580 308.35	30 497.00	580 257.46	45 678.42		
15 00	568 835.72	30 461.30	568 792.10	45 642.71		
17 30	557 363.09	30 431.10	557 326.74	45 612.50		
71 20 00	545 890.47	30 406.38	545 861.39	45 587.78		
22 30	534 417.85	30 387.16	534 396.04	45 568.56		
25 00	522 945.23	30 373.43	522 930.69	45 554.83		
27 30	511 478.61	30 365.80	511 465.34	45 546.59		
71 30 00	500 000.00	30 362.45	500 000.00	45 543.84		
32 30	488 527.39	30 365.20	488 534.66	45 546.59		
35 00	477 054.77	30 373.43	477 069.31	45 554.83		
37 30	465 582.15	30 387.16	465 603.96	45 568.56		
71 40 00	454 109.53	30 406.38	454 138.61	45 587.78		
42 30	442 636.91	30 431.10	442 673.86	45 612.50		
45 00	431 164.28	30 461.30	431 207.90	45 642.71		
47 30	419 691.65	30 497.00	419 742.54	45 678.42		
71 50 00	408 219.01	30 538.19	408 277.17	45 719.62		
52 30	396 746.37	30 584.87	396 811.80	45 766.31		
55 00	385 273.71	30 637.05	385 346.42	45 818.49		
57 30	373 801.05	30 694.71	373 881.03	45 876.17		
72 00 00	362 328.39	30 757.87	362 415.63	45 939.34		

**RHODE ISLAND**  
**STATE PLANE COORDINATES FOR 2<sup>1/2</sup>-MINUTE INTERSECTIONS**

FEET

LONGITUDE	LATITUDE				LATITUDE				Y	
	X	41	15	00	Y	X	41	17	30	
71 00 00	637	497.05	61	120.92		637	409.66	76	302.61	
02 30	626	038.93	61	057.73		625	958.82	76	239.41	
05 00	614	580.82	61	000.04		614	507.99	76	161.71	
07 30	603	122.71	60	947.85		603	057.17	76	129.51	
71 10 00	591	664.62	60	901.15		591	606.35	76	082.80	
12 30	580	206.52	60	859.94		580	155.55	76	041.58	
15 00	568	748.44	60	824.23		568	704.74	76	005.87	
17 30	557	290.36	60	794.08		557	253.95	75	975.64	
71 20 00	545	832.28	60	769.29		545	803.15	75	950.92	
22 30	534	374.21	60	750.06		534	352.36	75	931.68	
25 00	522	916.14	60	736.33		522	901.57	75	917.94	
27 30	511	458.07	60	728.09		511	450.78	75	909.70	
71 30 00	500	000.00	60	725.34		500	000.00	75	906.96	
32 30	488	541.93	60	728.09		488	549.22	75	909.70	
35 00	477	083.86	60	736.33		477	098.43	75	917.94	
37 30	465	625.79	60	750.06		465	647.64	75	931.68	
71 40 00	454	167.72	60	769.29		454	196.85	75	950.92	
42 30	442	709.64	60	794.02		442	746.05	75	975.64	
45 00	431	251.56	60	824.23		431	295.26	76	005.87	
47 30	419	793.48	60	859.94		419	844.45	76	041.58	
71 50 00	408	335.38	60	901.15		408	393.65	76	082.80	
52 30	396	877.29	60	947.85		396	942.83	76	129.51	
55 00	385	419.18	61	000.04		385	492.01	76	181.71	
57 30	373	961.07	61	057.73		374	041.18	76	239.41	
72 00 00	362	502.95	61	120.92		362	590.34	76	302.61	
LONGITUDE	LATITUDE				LATITUDE				Y	
	X	41	20	00	Y	X	41	22	30	
71 00 00	637	322.19	91	484.40		637	234.66	106	666.32	
02 30	625	878.65	91	421.19		625	798.40	106	603.09	
05 00	614	435.11	91	363.48		614	362.16	106	545.37	
07 30	602	991.57	91	311.27		602	925.92	106	493.15	
71 10 00	591	548.05	91	264.55		591	489.69	106	446.42	
12 30	580	104.53	91	223.33		580	053.46	106	405.19	
15 00	568	661.01	91	187.60		568	617.34	106	369.46	
17 30	557	217.50	91	157.37		557	181.03	106	339.22	
71 20 00	545	774.00	91	132.64		545	744.82	106	314.49	
22 30	534	330.49	91	113.40		534	308.61	106	295.25	
25 00	522	886.99	91	099.66		522	872.41	106	281.50	
27 30	511	443.50	91	091.42		511	436.80	106	273.26	
71 30 00	500	000.00	91	088.67		500	000.00	106	270.51	
32 30	488	556.50	91	091.42		488	563.80	106	273.26	
35 00	477	113.01	91	099.66		477	127.59	106	281.50	
37 30	465	669.51	91	113.40		465	691.39	106	295.25	
71 40 00	454	226.00	91	132.64		454	255.18	106	314.49	
42 30	442	782.50	91	157.37		442	818.97	106	339.22	
45 00	431	338.99	91	187.60		431	382.76	106	369.46	
47 30	419	895.47	91	223.33		419	946.54	106	405.19	
71 50 00	408	451.95	91	264.55		408	510.31	106	446.42	
52 30	397	008.43	91	311.27		397	074.08	106	493.15	
55 00	385	564.89	91	363.48		385	637.84	106	545.37	
57 30	374	121.35	91	421.19		374	201.60	106	603.09	
72 00 00	362	677.81	91	484.40		362	765.34	106	666.32	
LONGITUDE	LATITUDE				LATITUDE				Y	
	X	41	25	00	Y	X	41	27	30	
71 00 00	637	147.05	121	848.34		637	059.36	137	030.47	
02 30	625	718.09	121	785.11		625	637.72	136	967.23	
05 00	614	289.15	121	727.37		614	216.08	136	909.48	
07 30	602	860.21	121	675.14		602	794.45	136	857.24	
71 10 00	591	431.28	121	628.40		591	372.83	136	810.50	
12 30	580	002.36	121	587.17		579	951.81	136	769.25	
15 00	568	573.44	121	551.43		568	529.60	136	733.51	
17 30	557	144.53	121	521.19		557	107.99	136	703.26	
71 20 00	545	715.62	121	496.45		545	686.39	136	678.51	
22 30	534	286.71	121	477.20		534	264.79	136	659.27	
25 00	522	857.80	121	463.46		522	843.19	136	645.52	
27 30	511	428.90	121	455.21		511	421.59	136	637.27	
71 30 00	500	000.00	121	452.46		500	000.00	136	634.52	
32 30	488	571.10	121	455.21		488	578.41	136	637.27	
35 00	477	142.20	121	463.46		477	156.81	136	645.52	
37 30	465	713.29	121	477.20		465	735.21	136	659.27	
71 40 00	454	284.38	121	496.45		454	313.61	136	678.51	
42 30	442	855.47	121	521.19		442	892.01	136	703.26	
45 00	431	426.56	121	551.43		431	470.40	136	733.51	
47 30	419	997.64	121	587.17		420	048.79	136	769.25	
71 50 00	408	568.72	121	628.40		408	627.17	136	810.50	
52 30	397	139.79	121	675.14		397	205.55	136	857.24	
55 00	385	710.85	121	727.37		385	783.92	136	909.48	
57 30	374	281.91	121	785.11		374	362.28	136	967.23	
72 00 00	362	852.95	121	848.34		362	940.64	137	030.47	

**RHODE ISLAND**  
**STATE PLANE COORDINATES FOR 2½-MINUTE INTERSECTIONS**

FEET

LONGITUDE	LATITUDE				LATITUDE					
	X	41	30	00	Y	X	41	32	30	Y
71 00 00	636	971.60	152	212.71		636	883.77	167	395.07	
02 30	625	557.27	152	149.46		625	476.76	167	331.80	
05 00	614	142.95	152	091.70		614	069.76	167	274.03	
07 30	602	728.63	152	039.45		602	662.76	167	221.77	
71 10 00	591	314.32	151	992.70		591	255.77	167	175.01	
12 30	579	900.02	151	951.45		579	848.79	167	133.75	
15 00	568	485.72	151	915.69		568	441.81	167	097.99	
17 30	557	071.43	151	885.44		557	034.83	167	067.73	
71 20 00	545	657.14	151	860.69		545	627.86	167	042.98	
22 30	534	242.85	151	841.44		534	220.89	167	023.72	
25 00	522	828.57	151	827.69		522	813.93	167	009.97	
27 30	511	414.28	151	819.44		511	406.96	167	001.72	
71 30 00	500	000.00	151	816.69		500	000.00	166	998.97	
32 30	488	585.72	151	819.44		488	593.04	167	001.72	
35 00	477	171.43	151	827.69		477	186.07	167	009.97	
37 30	465	757.15	151	841.44		465	779.11	167	023.72	
71 40 00	454	342.86	151	860.69		454	372.14	167	042.98	
42 30	442	928.57	151	885.44		442	965.17	167	067.73	
45 00	431	514.28	151	915.69		431	558.19	167	097.99	
47 30	420	099.98	151	951.45		420	151.81	167	133.75	
71 50 00	408	685.68	151	992.70		408	744.23	167	175.01	
52 30	397	271.37	152	039.45		397	337.24	167	221.77	
55 00	385	857.05	152	091.70		385	930.24	167	274.03	
57 30	374	442.73	152	149.46		374	523.24	167	331.80	
72 00 00	363	028.40	152	212.71		363	116.23	167	395.07	
LONGITUDE	LATITUDE				LATITUDE					
	X	41	35	00	Y	X	41	37	30	Y
71 00 00	636	795.87	182	577.53		636	707.90	197	760.11	
02 30	625	396.19	182	514.25		625	315.54	197	696.82	
05 00	613	996.51	182	456.47		613	923.19	197	639.03	
07 30	602	596.84	182	404.20		602	530.85	197	586.75	
71 10 00	591	197.17	182	357.43		591	138.52	197	539.97	
12 30	579	797.51	182	316.16		579	746.19	197	498.70	
15 00	568	397.86	182	280.40		568	353.87	197	462.93	
17 30	556	998.21	182	250.14		556	961.55	197	432.66	
71 20 00	545	598.56	182	225.38		545	569.24	197	407.89	
22 30	534	198.92	182	206.12		534	176.92	197	388.63	
25 00	522	799.28	182	192.36		522	784.61	197	374.88	
27 30	511	399.64	182	184.11		511	392.31	197	366.62	
71 30 00	500	000.00	182	181.36		500	000.00	197	363.87	
32 30	488	600.36	182	184.11		488	607.69	197	366.62	
35 00	477	200.72	182	192.36		477	215.39	197	374.88	
37 30	465	801.08	182	206.12		465	823.08	197	388.63	
71 40 00	454	401.44	182	225.38		454	430.76	197	407.89	
42 30	443	001.79	182	250.14		443	038.45	197	432.66	
45 00	431	602.14	182	280.40		431	646.13	197	462.93	
47 30	420	202.49	182	316.16		420	253.81	197	498.70	
71 50 00	408	802.83	182	357.43		408	861.48	197	539.97	
52 30	397	403.16	182	404.20		397	469.15	197	586.75	
55 00	386	003.49	182	456.47		386	076.81	197	639.03	
57 30	374	603.81	182	514.25		374	684.46	197	696.82	
72 00 00	363	204.13	182	577.53		363	292.10	197	760.11	
LONGITUDE	LATITUDE				LATITUDE					
	X	41	40	00	Y	X	41	42	30	Y
71 00 00	636	619.85	212	942.78		636	531.73	228	125.59	
02 30	625	234.83	212	879.48		625	154.05	228	062.28	
05 00	613	849.82	212	821.69		613	776.39	228	004.47	
07 30	602	464.82	212	769.40		602	398.73	227	952.17	
71 10 00	591	079.82	212	722.61		591	021.08	227	905.38	
12 30	579	694.83	212	681.33		579	643.43	227	864.09	
15 00	568	309.85	212	645.55		568	265.79	227	826.31	
17 30	556	924.87	212	615.28		556	888.15	227	798.03	
71 20 00	545	539.89	212	590.51		545	510.51	227	773.25	
22 30	534	154.91	212	571.25		534	132.88	227	753.99	
25 00	522	769.94	212	557.49		522	755.25	227	740.92	
27 30	511	384.97	212	549.23		511	377.63	227	731.97	
71 30 00	500	000.00	212	546.48		500	000.00	227	729.82	
32 30	488	615.03	212	549.23		488	622.37	227	731.97	
35 00	477	230.06	212	557.49		477	244.75	227	740.92	
37 30	465	845.09	212	571.25		465	867.12	227	753.99	
71 40 00	454	460.11	212	590.51		454	489.49	227	773.25	
42 30	443	075.13	212	615.28		443	111.85	227	798.03	
45 00	431	690.15	212	645.55		431	734.21	227	828.31	
47 30	420	305.17	212	681.33		420	356.57	227	864.09	
71 50 00	408	920.18	212	722.61		408	978.92	227	905.38	
52 30	397	535.18	212	769.40		397	601.27	227	952.17	
55 00	386	150.18	212	821.69		386	223.61	228	004.47	
57 30	374	765.17	212	879.48		374	845.95	228	062.28	
72 00 00	363	380.15	212	942.78		363	468.27	228	125.59	

**RHODE ISLAND**  
**STATE PLANE COORDINATES FOR 2 $\frac{1}{2}$ -MINUTE INTERSECTIONS**

FEET

LONGITUDE	LATITUDE				LATITUDE					
	X	41	45	00	Y	X	41	47	30	Y
71 00 00	636	443.53	243	308.49		636	355.27	258	491.51	
02 30	625	073.21	243	245.17		624	992.30	258	428.18	
05 00	613	702.90	243	187.35		613	629.34	258	370.35	
07 30	602	332.59	243	135.04		602	266.39	258	318.04	
71 10 00	590	962.28	243	088.24		590	903.44	258	271.23	
12 30	579	591.98	243	046.95		579	540.50	258	229.92	
15 00	568	221.69	243	011.16		568	177.56	258	194.13	
17 30	556	851.40	242	980.87		556	814.63	258	163.84	
71 20 00	545	481.12	242	956.10		545	451.70	258	139.06	
22 30	534	110.84	242	936.83		534	088.77	258	119.79	
25 00	522	740.56	242	923.06		522	725.85	258	106.02	
27 30	511	370.28	242	914.80		511	362.98	258	097.76	
71 30 00	500	000.00	242	912.05		500	000.00	258	095.01	
32 30	488	629.72	242	914.80		488	637.08	258	097.76	
35 00	477	259.44	242	923.06		477	274.15	258	106.02	
37 30	465	889.16	242	936.83		465	911.23	258	119.79	
71 40 00	454	518.88	242	956.10		454	548.30	258	139.06	
42 30	443	148.60	242	980.87		443	185.37	258	163.84	
45 00	431	778.31	243	011.16		431	822.44	258	194.13	
47 30	420	408.02	243	046.95		420	459.50	258	229.92	
71 50 00	409	037.72	243	088.24		409	096.56	258	271.23	
52 30	397	667.41	243	135.04		397	733.61	258	318.04	
55 00	386	297.10	243	187.35		386	370.66	258	370.35	
57 30	374	926.79	243	245.17		375	007.70	258	428.18	
72 00 00	363	556.47	243	308.49		363	644.73	258	491.51	
LONGITUDE	LATITUDE				LATITUDE					
	X	41	50	00	Y	X	41	52	30	Y
71 00 00	636	266.93	273	674.64		636	178.52	288	857.88	
02 30	624	911.33	273	611.30		624	830.28	288	794.53	
05 00	613	555.73	273	553.46		613	482.05	288	736.68	
07 30	602	200.14	273	501.14		602	133.83	288	684.35	
71 10 00	590	844.55	273	454.32		590	785.61	288	637.52	
12 30	579	488.97	273	413.01		579	437.40	288	596.21	
15 00	568	133.39	273	377.21		568	089.19	288	560.40	
17 30	556	777.82	273	346.92		556	740.98	288	530.10	
71 20 00	545	422.25	273	322.13		545	392.78	288	505.31	
22 30	534	066.69	273	302.85		534	044.58	288	486.03	
25 00	522	711.12	273	289.08		522	696.39	288	472.26	
27 30	511	355.56	273	280.82		511	348.19	288	464.00	
71 30 00	500	000.00	273	278.07		500	000.00	288	461.25	
32 30	488	644.44	273	280.82		488	651.81	288	464.00	
35 00	477	288.88	273	289.08		477	303.61	288	472.26	
37 30	465	933.31	273	302.85		465	955.42	288	486.03	
71 40 00	454	577.75	273	322.13		454	607.22	288	505.31	
42 30	443	222.18	273	346.92		443	259.02	288	530.10	
45 00	431	866.61	273	377.21		431	910.81	288	560.40	
47 30	420	511.03	273	413.01		420	562.60	288	596.21	
71 50 00	409	155.45	273	454.32		409	214.39	288	637.52	
52 30	397	799.86	273	501.14		397	866.17	288	684.35	
55 00	386	444.27	273	553.46		386	517.95	288	736.68	
57 30	375	088.67	273	611.30		375	169.72	288	794.53	
72 00 00	363	733.07	273	674.64		363	821.48	288	857.88	
LONGITUDE	LATITUDE				LATITUDE					
	X	41	55	00	Y	X	41	57	30	Y
71 00 00	636	090.04	304	041.23		636	001.49	319	224.69	
02 30	624	749.18	303	977.87		624	668.00	319	161.32	
05 00	613	408.32	303	920.01		613	334.52	319	103.46	
07 30	602	067.47	303	867.67		602	001.05	319	051.11	
71 10 00	590	726.62	303	820.84		590	667.59	319	004.27	
12 30	579	385.78	303	779.52		579	334.13	318	962.94	
15 00	568	044.95	303	743.70		568	000.67	318	927.12	
17 30	556	704.12	303	713.40		556	667.22	318	896.81	
71 20 00	545	363.29	303	688.61		545	333.77	318	872.01	
22 30	534	022.46	303	669.32		534	000.33	318	858.73	
25 00	522	681.54	303	655.55		522	666.88	318	838.95	
27 30	511	340.82	303	647.28		511	333.44	318	830.68	
71 30 00	500	000.00	303	644.53		500	000.00	318	827.93	
32 30	488	659.18	303	647.28		488	666.56	318	830.68	
35 00	477	318.36	303	655.55		477	333.12	318	838.95	
37 30	465	977.54	303	669.32		465	999.67	318	852.73	
71 40 00	454	636.71	303	688.61		454	666.23	318	872.01	
42 30	443	295.88	303	713.40		443	332.78	318	896.81	
45 00	431	955.05	303	743.70		431	999.33	318	927.12	
47 30	420	614.22	303	779.52		420	665.87	318	962.94	
71 50 00	409	273.38	303	820.84		409	332.41	319	004.27	
52 30	397	932.53	303	867.67		397	998.95	319	051.11	
55 00	386	591.68	303	920.01		386	665.48	319	103.46	
57 30	375	250.82	303	977.87		375	332.00	319	161.32	
72 00 00	363	909.96	304	041.23		363	998.51	319	224.69	

**RHODE ISLAND**  
**STATE PLANE COORDINATES FOR 2½-MINUTE INTERSECTIONS**      **FEET**

LONGITUDE	LATITUDE				LATITUDE				LATITUDE	
	X	42	00	00	Y	X	42	02	30	Y
71 00 00	635	912.86	334	408.27		635	824.16	349	591.95	
02 30	624	586.76	334	344.88		624	505.45	349	528.56	
05 00	613	260.67	334	287.01		613	186.75	349	470.68	
07 30	601	934.58	334	234.65		601	868.06	349	418.31	
71 10 00	590	608.50	334	187.80		590	549.37	349	371.46	
12 30	579	282.43	334	146.47		579	230.69	349	330.11	
15 00	567	956.36	334	110.64		567	912.01	349	294.28	
17 30	556	630.29	334	080.33		556	593.34	349	263.97	
71 20 00	545	304.23	334	055.53		545	274.66	349	239.16	
22 30	533	978.17	334	036.24		533	956.00	349	219.87	
25 00	522	652.11	334	028.46		522	637.33	349	206.09	
27 30	511	326.06	334	014.20		511	318.66	349	197.82	
71 30 00	500	000.00	334	011.44		500	000.00	349	195.07	
32 30	488	673.94	334	014.20		488	681.34	349	197.82	
35 00	477	347.89	334	082.46		477	362.67	349	206.09	
37 30	466	021.83	334	036.24		466	044.00	349	219.87	
71 40 00	454	695.77	334	055.53		454	725.34	349	239.16	
42 30	443	369.71	334	080.33		443	406.66	349	263.97	
45 00	432	043.64	334	110.64		432	087.99	349	294.28	
47 30	420	717.57	334	146.47		420	769.31	349	330.11	
71 50 00	409	391.50	334	187.80		409	450.63	349	371.46	
52 30	398	065.42	334	234.65		398	131.94	349	418.31	
55 00	386	739.33	334	287.01		386	813.25	349	470.68	
57 30	375	413.24	334	344.88		375	494.55	349	528.56	
72 00 00	364	087.14	334	408.27		364	175.84	349	591.95	
LONGITUDE	LATITUDE				LATITUDE				LATITUDE	
	X	42	05	00	Y	X	42	07	30	Y
71 00 00	635	735.39	364	775.75		635	646.54	379	959.66	
02 30	624	424.08	364	712.34		624	342.64	379	896.24	
05 00	613	112.78	364	654.45		613	038.74	379	838.35	
07 30	601	801.48	364	602.08		601	734.85	379	785.96	
71 10 00	590	490.19	364	555.22		590	430.96	379	739.09	
12 30	579	178.91	364	513.87		579	127.08	379	697.74	
15 00	567	867.63	364	478.03		567	823.20	379	661.90	
17 30	556	556.35	364	447.71		556	519.33	379	631.57	
71 20 00	545	245.08	364	422.90		545	215.46	379	606.76	
22 30	533	933.80	364	403.61		533	911.59	379	587.46	
25 00	522	622.53	364	389.83		522	607.73	379	573.68	
27 30	511	311.27	364	381.56		511	303.86	379	565.41	
71 30 00	500	000.00	364	378.80		500	000.00	379	562.65	
32 30	488	688.73	364	381.56		488	692.14	379	565.41	
35 00	477	377.47	364	389.83		477	392.27	379	573.68	
37 30	466	066.20	364	403.61		466	088.41	379	587.46	
71 40 00	454	754.92	364	422.90		454	784.54	379	606.76	
42 30	443	443.65	364	447.71		443	480.67	379	631.57	
45 00	432	132.37	364	478.03		432	176.80	379	661.90	
47 30	420	821.09	364	513.87		420	872.92	379	697.74	
71 50 00	409	509.81	364	555.22		409	569.04	379	739.09	
52 30	398	198.52	364	602.08		398	265.15	379	785.96	
55 00	386	887.22	364	654.45		386	961.26	379	838.35	
57 30	375	575.92	364	712.34		375	657.36	379	896.24	
72 00 00	364	264.61	364	775.75		364	353.46	379	959.66	
LONGITUDE	LATITUDE				LATITUDE				LATITUDE	
	X	42	10	00	Y	X	42	12	30	Y
71 00 00	635	557.63	395	143.67		635	468.63	410	327.80	
02 30	624	261.13	395	080.24		624	179.56	410	264.37	
05 00	613	964.64	395	022.34		613	890.49	410	206.45	
07 30	601	668.16	394	969.95		601	601.48	410	154.05	
71 10 00	590	371.69	394	923.07		590	312.36	410	107.17	
12 30	579	075.21	394	881.71		579	083.30	410	065.80	
15 00	567	778.75	394	845.86		567	734.25	410	029.95	
17 30	556	482.28	394	815.53		556	445.21	409	999.62	
71 20 00	545	185.82	394	790.72		545	156.16	409	974.80	
22 30	533	889.36	394	771.42		533	867.12	409	955.49	
25 00	522	592.91	394	757.63		522	578.08	409	941.71	
27 30	511	296.45	394	749.36		511	289.04	409	933.43	
71 30 00	500	000.00	394	746.60		500	000.00	409	930.68	
32 30	488	703.55	394	749.36		488	710.96	409	933.43	
35 00	477	407.09	394	757.63		477	421.92	409	941.71	
37 30	466	110.64	394	771.42		466	132.88	409	955.49	
71 40 00	454	814.18	394	790.72		454	843.84	409	974.80	
42 30	443	517.72	394	815.53		443	554.79	409	999.62	
45 00	432	221.25	394	845.86		432	265.75	410	029.95	
47 30	420	924.79	394	881.71		420	976.70	410	065.80	
71 50 00	409	688.31	394	923.07		409	687.64	410	107.17	
52 30	398	331.84	394	969.95		398	398.58	410	154.05	
55 00	387	035.36	395	022.34		387	109.51	410	206.45	
57 30	375	738.87	395	080.24		375	830.44	410	264.37	
72 00 00	364	448.37	395	143.67		364	531.37	410	327.80	