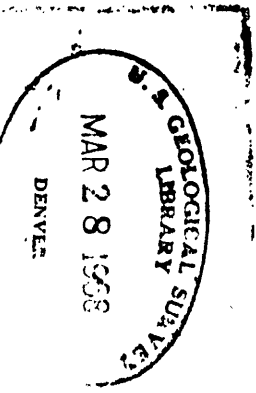


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PRINCIPAL FACTS FOR GRAVITY STATIONS  
IN NORTHEASTERN WASHINGTON

by

W. E. Davis and W. T. Kinoshita

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INTRODUCTION

The gravity data in this report were obtained between lat 48°00'N. and 49°00'N., long 117°15'W and 119°15'W. In Northeastern Washington. Gravity measurements were made at 402 stations generally spaced 1 to 3 miles apart along most of the main roads and Jeep trails. Most of the stations are bench marks and other points of known elevation established by the U.S. Geological Survey, U.S. Coast and Geodetic Survey, and U.S. Bureau of Reclamation. Approximately 20 percent of the stations are readily identifiable points whose elevations were determined by altimetry. A Worden gravimeter with a scale constant of 0.4783 mgal per dial division was used in making the measurements. All the measurements were referred to a base station at the Spokane Airport established by Woollard (1958, p. 535). The data were corrected for drift, elevation and latitude, and for the effects of terrain within 60 miles of stations between long 118°00'W. and 119°00'W. The average relative error in the Bouguer anomaly values is considered to be less than 2 mgal although some values may be in error by as much as 5 mgal because of elevation or position inaccuracies and terrain correction mis-estimates.

REDUCTION OF DATA

Column headings in the list of principal facts are:

STA	(Station number in chronological order)
LAT	(Latitude in degrees, minutes, and hundredths of minutes)
LONG	(Longitude in degrees, minutes, and hundredths of minutes)
E	(Elevation in feet)
MG/OG	(Observed gravity in mgal reduced to base station gravity value of 980646.3 mgal)
TC	(Terrain correction in mgal for a density of 2.67 g/cm <sup>3</sup> ). Corrections through Hayford zone "N" were applied to data from 309 stations. Thirty-six percent of the corrections were computed and the rest were estimated.
OG	(Observed gravity in mgal)
FTH	(Theoretical gravity in mgal)
FAA	(Free-air anomaly in mgal)

BA 1	(Simple Bouguer anomaly in mgal for an assumed density of 2.67 g/cm <sup>3</sup> )
BA 2	(Simple Bouguer anomaly in mgal for a density of 2.82 g/cm <sup>3</sup> )
CC	(Curvature correction in mgal for a density of 2.67 g/cm <sup>3</sup> )
CBA 1	(Complete Bouguer anomaly in mgal for an assumed density of 2.67 g/cm <sup>3</sup> )

REFERENCES CITED

Woollard, G. P., 1958, Results for a gravity control network at airports in the United States: Geophysics, v. 23, p. 520-535.

Principal facts for gravity data in Northeastern Washington

PAC NW EASTERN WN WASH 62 SPOKANE ARPT GBV 980646.30 MSV .99999 D1 2.67 D2 2.82 154

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	CBA1
51	48 18.76	118 06.38	2024.0	2711.30	2.00	2711.30	2927.85	26.18-	95.14-	99.01-	0.7	93.14-
52	48 19.27	118 05.43	2277.0	2695.91	2.00	2695.91	2928.61	18.54-	96.12-	100.47-	0.8	94.12-
53	48 19.71	118 04.88	2364.0	2691.07	2.00	2691.07	2929.27	15.86-	96.40-	100.92-	0.8	94.40-
54	48 19.32	118 04.33	2434.0	2686.19	2.27	2686.19	2928.68	13.57-	96.49-	101.15-	0.9	94.22-
55	48 18.63	118 02.93	2735.0	2667.05	3.00	2667.05	2927.65	3.37-	96.55-	101.78-	1.0	93.55-
56	48 18.62	118 01.79	3313.0	2636.40	3.00	2636.40	2927.64	20.36	92.51-	98.85-	1.1	89.51-
57	48 18.68	118 01.12	3151.0	2646.72	3.00	2646.72	2927.72	15.35	92.00-	98.03-	1.1	89.00-
58	48 18.40	117 58.59	2669.0	2674.96		2674.96	2927.31	1.32-	92.25-	97.36-	0.9	
59	48 17.88	117 55.22	2175.0	2701.64		2701.64	2926.53	20.32-	94.43-	98.59-	0.8	
510	48 18.67	117 52.08	2059.0	2716.11		2716.18	2927.71	17.88-	88.02-	91.97-	0.7	
511	48 16.53	117 42.88	1665.0	2726.61		2726.61	2924.51	41.30-	98.03-	101.21-	0.6	
512	48 17.33	117 40.90	2077.0	2713.67		2713.67	2925.71	16.69-	87.45-	91.43-	0.8	
513	48 17.72	117 38.61	2781.0	2668.05		2668.05	2926.29	3.32	91.43-	96.75-	1.0	
514	48 18.08	117 36.37	3570.0	2622.28		2622.28	2926.83	31.22	90.41-	97.24-	1.2	
515	48 18.53	117 34.49	4024.0	2601.57		2601.57	2927.50	52.54	84.56-	92.26-	1.3	
516	48 17.84	117 31.53	3364.0	2643.55		2643.55	2926.47	33.47	81.14-	87.57-	1.2	
517	48 16.83	117 28.58	2990.0	2660.09		2660.09	2924.96	16.35	85.52-	91.24-	1.0	
518	48 16.40	117 27.01	2830.0	2670.13		2670.13	2924.32	11.98	84.43-	89.85-	1.0	
519	48 18.58	117 23.50	2401.0	2700.22		2700.22	2927.58	1.54-	83.34-	87.93-	0.9	
520	48 18.26	117 21.30	2067.0	2713.01		2713.01	2927.10	19.68-	90.10-	94.06-	0.8	
521	48 18.58	117 19.50	2046.0	2709.46		2709.46	2927.58	25.69-	95.39-	99.31-	0.7	
522	48 18.58	117 17.73	2055.0	2707.37		2707.37	2927.58	26.93-	96.94-	100.87-	0.7	
523	48 03.44	117 46.11	2045.0	2681.31		2681.31	2904.93	31.28-	100.95-	104.86-	0.7	
524	48 03.11	117 48.00	2110.0	2671.13		2671.13	2904.43	34.85-	106.74-	110.77-	0.8	
525	48 03.00	117 49.24	2122.0	2668.19		2668.19	2904.27	36.50-	108.79-	112.85-	0.8	
526	48 03.00	117 51.40	2140.0	2666.34		2666.34	2904.27	36.65-	109.56-	113.66-	0.8	
527	48 02.62	117 55.77	2262.0	2661.22		2661.22	2903.70	29.73-	106.80-	111.13-	0.8	
528	48 05.11	118 01.76	3119.0	2630.47	2.13	2630.47	2907.43	16.40	89.87-	95.84-	1.1	82.74-
529	48 05.30	118 03.48	2851.0	2645.73	3.00	2645.73	2907.71	6.16	90.97-	96.42-	1.0	87.97-
530	48 06.47	118 04.23	2473.0	2667.76	3.00	2667.76	2909.46	9.11-	93.36-	98.09-	0.9	90.36-
531	48 07.50	118 05.42	2278.0	2688.04	2.00	2688.04	2911.00	8.71-	86.32-	90.68-	0.8	84.32-
532	48 07.72	118 07.40	2104.0	2695.29	2.00	2695.29	2911.33	18.15-	89.84-	93.86-	0.8	87.84-
533	48 07.33	118 09.43	1965.0	2706.80	2.00	2706.80	2910.75	19.13-	86.08-	89.84-	0.7	84.08-
534	48 07.07	118 11.48	1664.0	2724.29	2.58	2724.29	2910.36	29.56-	86.26-	89.44-	0.6	83.68-
535	48 07.84	118 12.27	1690.0	2721.87	2.00	2721.87	2911.51	30.69-	88.27-	91.50-	0.6	86.27-
536	48 08.73	118 10.79	1566.0	2731.58	2.00	2731.58	2912.84	33.98-	87.33-	90.32-	0.6	85.33-
537	48 09.21	118 10.09	1708.0	2723.53	2.00	2723.53	2913.56	29.39-	87.58-	90.85-	0.6	85.58-
538	48 10.64	118 09.99	1812.0	2720.12	2.00	2720.12	2915.70	25.16-	86.89-	90.36-	0.7	84.89-
539	48 11.58	118 10.20	1522.0	2735.28	2.00	2735.28	2917.11	38.68-	90.53-	93.44-	0.6	88.53-
540	48 13.48	118 09.81	1311.0	2749.02	3.54	2749.02	2919.95	47.63-	92.29-	94.80-	0.5	88.75-
541	48 14.28	118 08.90	1334.0	2745.75	3.00	2745.75	2921.14	49.93-	95.38-	97.93-	0.5	92.38-
542	48 15.81	118 07.82	1320.0	2744.14	3.00	2744.14	2923.43	55.14-	100.12-	102.64-	0.5	97.12-
543	48 17.42	118 08.40	1415.0	2743.57	2.00	2743.57	2925.84	49.19-	97.40-	100.10-	0.5	95.90-
544	48 19.04	118 08.85	1340.0	2753.57	2.00	2753.57	2928.26	48.66-	94.32-	96.88-	0.5	92.32-
545	48 20.93	118 09.63	1331.0	2759.73	3.05	2759.73	2931.09	46.18-	91.52-	94.07-	0.5	88.47-

PAC NM	LAT	EASTERN WN	WASH	62	SPOKANE ARPT	GBV	980646.30	MSV	.99999	D1 2.67	D2 2.82	CC	CBA1	154
STA	LAT	LONG	E	MG/OG	IC	OG	FTH	FAA	BA1	BA2				
S46 48 22.88	118 09.88	1488.0	2752.90	3.00	2752.90	2934.00	41.16-	91.85-	94.70-	0.5	88.85-			
S47 48 24.10	118 10.05	1573.0	2750.44	2.00	2750.44	2935.83	37.44-	91.03-	94.05-	0.6	89.03-			
S48 48 25.73	118 10.18	1724.0	2743.81	1.71	2743.81	2938.26	32.31-	91.04-	94.34-	0.6	89.33-			
S49 48 27.08	118 10.33	1721.0	2744.56	2.00	2744.56	2940.28	33.86-	92.49-	95.79-	0.6	90.49-			
S50 48 03.38	117 38.21	2380.0	2670.56		2670.56	2904.84	10.43-	91.52-	96.07-	0.9				
S51 48 04.04	117 36.06	2483.0	2663.12		2663.12	2905.82	9.17-	93.76-	98.52-	0.9				
S52 48 04.16	117 32.98	2353.0	2669.28		2669.28	2906.00	15.42-	95.58-	100.09-	0.8				
S53 48 03.48	117 31.29	2428.0	2670.75		2670.75	2904.99	5.88-	88.60-	93.24-	0.9				
S54 48 03.23	117 27.46	2428.0	2672.45		2672.45	2904.61	3.80-	86.52-	91.17-	0.9				
S55 48 03.61	117 25.70	2398.0	2676.53		2676.53	2905.18	3.11-	84.81-	89.40-	0.9				
S56 48 05.41	117 22.20	2339.0	2680.98		2680.98	2907.87	6.90-	86.59-	91.07-	0.8				
S57 48 06.91	117 21.34	2489.0	2672.40		2672.40	2910.12	3.62-	88.42-	93.18-	0.9				
S58 48 08.90	117 20.08	2251.0	2689.60		2689.60	2913.10	11.78-	88.47-	92.78-	0.8				
S59 48 10.29	117 17.98	2283.0	2692.30	0.35	2692.30	2915.18	8.15-	85.93-	90.30-	0.8	85.58-			
S60 48 12.34	117 17.23	2210.0	2702.87		2702.87	2918.24	7.52-	82.81-	87.04-	0.8				
S61 48 14.22	117 16.78	2188.0	2705.67		2705.67	2921.06	9.60-	84.14-	88.33-	0.8				
S62 48 16.83	117 16.94	2180.0	2704.48		2704.48	2924.96	15.44-	89.72-	93.89-	0.8				
S63 48 20.04	117 16.08	2072.0	2713.63		2713.63	2929.76	21.25-	91.84-	95.81-	0.8				
S64 48 23.16	117 16.24	2064.0	2722.86		2722.86	2934.42	17.44-	87.76-	91.71-	0.7				
S65 48 24.13	117 16.88	2080.0	2719.22		2719.22	2935.87	21.02-	91.89-	95.87-	0.8				
S66 48 25.63	117 15.68	1936.0	2699.98		2699.98	2968.34	35.00-	151.86-	165.56-	0.7				
S67 48 05.54	117 45.41	1851.0	2700.03	0.40	2700.03	2908.07	33.95-	97.01-	100.55-	0.7	96.61-			
S68 48 06.42	117 46.31	1832.0	2702.63		2702.63	2909.39	34.45-	96.87-	100.37-	0.7				
S69 48 07.47	117 44.64	1737.0	2713.01		2713.01	2910.96	34.58-	93.76-	97.08-	0.6				
S70 48 09.02	117 43.50	1713.0	2717.65		2717.65	2913.28	34.51-	92.87-	96.15-	0.6				
S71 48 10.28	117 45.12	1689.0	2720.26		2720.26	2915.16	36.05-	93.59-	96.82-	0.6				
S72 48 12.51	117 45.44	1743.0	2721.68		2721.68	2918.50	32.88-	92.27-	95.60-	0.6				
S73 48 13.80	117 43.96	1697.0	2727.60		2727.60	2920.43	33.22-	91.03-	94.28-	0.6				
S74 48 17.90	117 48.14	1686.0	2738.40		2738.40	2926.56	29.59-	87.03-	90.25-	0.6				
S75 48 21.13	117 51.67	1647.0	2741.15		2741.15	2931.46	35.41-	91.52-	94.67-	0.6				
S76 48 22.04	117 51.44	1652.0	2745.84		2745.84	2932.75	31.53-	87.82-	90.98-	0.6				
S77 48 25.30	117 51.37	1694.0	2734.71		2734.71	2937.62	43.59-	101.30-	104.54-	0.6				
S78 48 29.48	117 54.38	1568.0	2741.96		2741.96	2943.87	54.44-	107.86-	110.86-	0.6				
S79 48 36.33	118 04.62	1594.0	2757.45	1.39	2757.45	2954.10	46.73-	101.04-	104.09-	0.6	99.65-			
S80 48 34.30	118 05.10	1308.0	2767.63	2.00	2767.63	2951.07	60.22-	104.78-	107.29-	0.5	102.78-			
S81 48 31.79	118 08.06	1348.0	2766.93	4.96	2766.93	2947.32	53.61-	99.53-	102.11-	0.5	94.57-			
11 48 35.56	118 10.32	1818.0	2745.42	5.49	2745.42	2952.95	36.55-	98.48-	101.96-	0.7	92.99-			
12 48 35.03	118 12.48	2053.0	2731.53	5.16	2731.53	2952.23	27.62-	97.56-	101.49-	0.7	92.40-			
13 48 34.31	118 14.57	2207.0	2721.96	5.00	2721.96	2951.83	22.30-	97.49-	101.71-	0.8	92.49-			
14 48 34.74	118 15.77	2294.0	2714.67	5.00	2714.67	2951.73	21.30-	99.46-	103.85-	0.8	94.46-			
15 48 34.81	118 17.73	2497.0	2701.69	4.73	2701.69	2951.83	15.29-	100.37-	105.14-	0.9	95.64-			
16 48 35.92	118 20.83	2945.0	2672.55	4.00	2672.55	2953.49	3.96-	104.29-	109.93-	1.0	100.29-			
17 48 36.60	118 21.73	3377.0	2648.48	4.00	2648.48	2954.50	11.59	103.46-	109.93-	1.2	99.46-			
18 48 37.14	118 23.64	3547.0	2638.20	5.51	2638.20	2955.31	16.49	104.35-	111.14-	1.2	98.84-			
19 48 37.59	118 24.77	3913.0	2615.97	4.68	2615.97	2955.98	28.01	105.30-	112.79-	1.3	100.62-			

PAC NW	EASTERN W.N	WASH	62	SPOKANE ARPT	GBV	980646.30	MSV	.99999	D1 2.67	D2 2.82	CC	CBA1	154
STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2			
C2 48 55.70	117 44.31	1542.0	2731.57	2781.57	2983.01	56.41-	108.95-	111.90-	0.6				
C3 48 59.03	117 38.28	1376.0	2793.75	2793.75	2987.98	64.81-	111.69-	114.32-	0.5				
C4 48 56.45	117 41.22	1342.0	2794.79	2794.79	2984.13	63.12-	108.84-	111.41-	0.5	102.05-			
C5 48 53.99	117 44.80	1847.0	2765.04	2765.04	2980.46	41.71-	104.63-	108.17-	0.7				
C6 48 53.16	117 42.99	1862.0	2758.69	2758.69	2979.22	45.41-	108.85-	112.41-	0.7				
C7 48 51.19	117 42.48	1873.0	2753.61	2753.81	2976.28	46.32-	110.13-	113.71-	0.7				
C8 48 49.86	117 41.42	1923.0	2751.91	2751.91	2974.30	41.53-	107.04-	110.72-	0.7				
C9 48 49.79	117 39.99	1948.0	2746.70	2746.70	2974.19	44.28-	110.65-	114.38-	0.7				
C10 48 47.88	117 39.37	2025.0	2735.52	2735.52	2971.34	45.37-	114.36-	118.24-	0.7				
C11 48 46.07	117 39.50	2175.0	2743.57	2743.67	2968.64	20.41-	94.51-	98.68-	0.8				
C12 48 44.81	117 38.68	2347.0	2714.72	2714.72	2966.76	31.30-	111.26-	115.76-	0.8				
C13 48 43.69	117 40.39	2373.0	2711.55	2711.55	2965.09	30.36-	111.20-	115.75-	0.9				
C14 48 42.45	117 42.02	2591.0	2699.13	2699.13	2963.24	20.42-	108.70-	113.66-	0.9				
C15 48 41.66	117 44.63	2703.0	2694.68	2694.68	2962.06	13.16-	105.25-	110.42-	1.0				
C16 48 40.09	117 45.49	2487.0	2706.05	2706.05	2959.72	19.76-	104.49-	109.25-	0.9				
C17 48 37.88	117 46.62	2309.0	2717.61	2717.61	2956.42	21.64-	100.31-	104.73-	0.8				
C18 48 36.75	117 47.07	2202.0	2722.68	2722.68	2954.73	24.95-	99.97-	104.18-	0.8				
C19 48 35.45	117 49.40	2091.0	2728.08	2728.08	2952.79	28.05-	99.28-	103.29-	0.8	96.44-			
C20 48 34.66	118 52.46	1934.0	2736.18	2736.18	2951.61	33.53-	99.42-	103.12-	0.7				
C21 48 59.90	118 13.41	1647.0	2781.29	2781.29	2989.27	53.08-	109.19-	112.35-	0.6	104.19-			
C22 48 53.74	118 13.48	1598.0	2778.45	2778.45	2987.54	58.30-	113.24-	116.30-	0.6	107.24-			
C23 48 57.80	118 12.98	1564.0	2783.28	2783.28	2986.14	55.77-	109.05-	112.04-	0.6	101.80-			
C24 48 55.53	118 12.94	1490.0	2734.39	2734.39	2982.76	57.73-	108.49-	111.35-	0.5	102.49-			
C25 48 54.97	118 11.96	1432.0	2789.53	2789.53	2981.92	57.71-	106.50-	109.24-	0.5	100.14-			
C26 48 53.58	118 12.70	1443.0	2786.83	2786.83	2979.85	57.30-	106.46-	109.23-	0.5	100.46-			
C27 48 51.95	118 12.28	1444.0	2787.69	2787.69	2977.42	53.92-	103.11-	105.83-	0.5	96.75-			
C28 48 50.19	118 11.06	1450.0	2785.41	2785.41	2974.79	53.01-	102.41-	105.18-	0.5	96.41-			
C29 48 48.41	118 09.30	1424.0	2785.98	2785.98	2972.14	52.23-	100.74-	103.47-	0.5	94.74-			
C30 48 46.79	118 08.75	1402.0	2785.17	2785.17	2969.72	52.69-	100.45-	103.14-	0.5	96.42-			
C31 48 44.77	118 07.27	1238.0	2789.68	2789.68	2966.70	55.89-	99.77-	102.23-	0.5	95.77-			
C32 48 42.51	118 07.56	1364.0	2780.96	2780.96	2963.33	54.08-	100.55-	103.16-	0.5	96.84-			
C33 48 40.48	118 07.13	1288.0	2785.98	2785.98	2960.30	53.18-	97.06-	99.53-	0.5	94.06-			
C34 48 39.36	118 06.69	1288.0	2785.51	2785.51	2958.63	51.98-	95.86-	98.32-	0.5	92.86-			
C35 48 37.31	118 07.76	1483.0	2767.36	2767.36	2955.57	48.73-	99.25-	102.09-	0.5	96.25-			
C36 48 35.71	118 08.60	1571.0	2760.96	2760.96	2953.18	44.46-	97.93-	100.99-	0.6	94.92-			
C37 48 35.73	113 00.37	1561.0	2762.76	2762.76	2953.28	43.71-	96.89-	99.88-	0.6	94.89-			
C38 48 35.34	117 59.45	1535.0	2760.35	2760.35	2952.62	47.90-	100.20-	103.14-	0.6				
C39 48 34.65	117 57.18	1545.0	2753.43	2753.43	2951.59	52.85-	105.49-	103.45-	0.6				
C40 48 33.49	117 55.44	1551.0	2754.43	2754.43	2949.86	49.56-	102.40-	105.37-	0.6				
C41 48 52.83	113 35.92	1836.0	2754.33	2754.33	2978.73	51.72-	114.27-	117.79-	0.7	109.30-			
C42 48 53.83	118 33.94	2061.0	2742.30	2742.30	2980.22	44.08-	114.30-	118.24-	0.7	109.97-			
C43 48 53.74	118 31.07	2759.0	2703.63	2703.63	2980.09	16.97-	110.97-	116.25-	1.0	107.79-			
C44 48 53.13	118 29.18	3215.0	2675.73	2675.73	2979.18	.70-	110.37-	116.53-	1.1	107.79-			
C45 48 52.46	113 27.15	4127.0	2643.77	2643.77	2978.16	58.74-	102.53-	105.76-	1.4	105.32-			
C46 48 51.37	113 25.15	4265.0	2622.93	2622.93	2977.30	7.82-	106.84-	140.42-	1.2	103.81-			

PAC NW STA	LAT	EASTERN WN LONG	WASH E	62 SPOKANE ARPT MG/OG	TC	GBV 980646.30 OG	FTH	MSV .99999 FAA	D1 2.67 BAI	D2 2.82 BAZ	CC	C841	154
C47 48	51.82	118 23.59	4600.0	2596.65	2.59	2596.65	2977.22	52.06	104.66-	113.46-	1.5	102.07-	
C48 48	50.85	118 19.93	3668.0	2657.44	4.00	2657.44	2975.78	26.64	98.32-	105.34-	1.2	94.32-	
C49 48	41.46	118 13.06	2409.0	2718.84	4.79	2718.84	2961.76	16.35-	98.42-	103.04-	0.9	93.43-	
C50 48	40.83	118 14.53	2488.0	2711.12	5.00	2711.12	2960.82	15.70-	100.47-	105.23-	0.9	95.47-	
C51 48	39.47	118 17.58	2978.0	2678.71	5.00	2678.71	2958.79	.01	101.45-	107.15-	1.0	96.45-	
C52 48	39.41	118 19.72	3577.0	2641.04	4.77	2641.04	2958.70	18.76	103.10-	109.95-	1.2	98.33-	
C53 48	39.29	118 22.09	4148.0	2605.79	5.00	2605.79	2958.52	37.39	103.92-	111.86-	1.4	98.92-	
C54 48	39.47	118 24.53	4635.0	2575.80	5.00	2575.80	2958.79	52.94	104.97-	113.84-	1.5	99.97-	
C55 48	40.08	118 26.14	5065.0	2551.02	4.62	2551.02	2959.70	67.69	104.87-	114.56-	1.5	100.25-	
C56 48	40.86	118 26.51	5451.0	2527.76	5.00	2527.76	2960.87	79.57	106.14-	116.58-	1.6	101.14-	
C57 48	42.60	118 26.48	5478.0	2528.04	4.67	2528.04	2963.46	79.79	106.84-	117.33-	1.6	102.17-	
C58 48	56.81	118 26.16	5646.0	2546.33	4.00	2546.33	2967.65	22.76	109.01-	146.66	1.5	102.73-	
C59 48	45.62	118 24.46	4047.0	2618.49	4.00	2618.49	2967.97	31.14	106.73-	114.48-	1.3	102.73-	
C60 48	45.59	118 21.92	3637.0	2647.87	3.38	2647.87	2967.93	22.01	101.90-	108.86-	1.2	98.52-	
C61 48	45.90	118 14.79	2558.0	2711.64	7.00	2711.64	2968.39	16.17-	103.32-	108.21-	0.9	96.32-	
C62 48	47.49	118 14.40	2320.0	2728.60	7.19	2728.60	2970.76	23.96-	103.00-	107.44-	0.8	95.81-	
C63 48	32.42	117 50.97	2150.0	2717.47		2717.47	2948.26	28.58-	101.83-	105.94-	0.8		
C64 48	31.98	117 49.27	2159.0	2715.15		2715.15	2947.60	25.63-	100.55-	104.76-	0.8		
C65 48	30.88	117 48.23	2194.0	2707.38		2707.38	2945.96	32.23-	106.98-	111.18-	0.8		
C66 48	30.77	117 46.39	2398.0	2693.97		2693.97	2945.80	26.29-	107.99-	112.58-	0.9		
C67 48	30.93	117 45.19	2511.0	2690.22		2690.22	2946.03	19.65-	105.20-	110.00-	0.9		
C68 48	33.59	117 37.36	3703.0	2628.39		2628.39	2550.01	26.66	99.50-	106.59-	1.2		
C69 48	36.60	117 32.57	3164.0	2651.14		2651.14	2954.50	5.79-	113.58-	119.64-	1.1		
C70 48	40.00	117 28.46	3206.0	2652.32		2652.32	2959.58	5.73-	114.96-	121.09-	1.1		
C71 48	41.88	117 24.58	2098.0	2713.73		2713.73	2962.39	51.34-	122.82-	126.83-	0.8		
C72 48	46.63	117 24.37	2093.0	2722.68		2722.68	2969.48	49.95-	121.26-	125.26-	0.8		
C73 48	46.64	117 24.62	2171.0	2717.04		2717.04	2969.49	48.27-	122.23-	126.39-	0.8		
C74 48	48.51	117 24.38	2069.0	2721.50		2721.50	2972.28	56.19-	126.68-	130.64-	0.8		
C75 48	49.32	117 23.80	2080.0	2724.05		2724.05	2973.49	53.82-	124.68-	128.66-	0.8		
C76 48	51.37	117 23.27	2111.0	2727.34		2727.34	2976.55	50.17-	122.09-	126.13-	0.8		
C77 48	51.62	117 21.82	2061.0	2732.01		2732.01	2976.92	51.08-	121.29-	125.24-	0.7		
C78 48	53.20	117 20.04	2530.0	2711.69		2711.69	2979.28	29.64-	115.84-	120.68-	0.9		
C79 48	54.06	117 19.65	2525.0	2711.59	3.02	2711.59	2980.56	31.50-	117.52-	122.35-	0.9	114.50-	
C80 48	55.26	117 19.03	2471.0	2716.38		2716.38	2982.35	33.57-	117.76-	122.49-	0.9		
C81 48	56.23	117 19.10	2554.0	2713.96		2713.96	2983.80	29.63-	116.65-	121.54-	0.9		
C82 48	57.72	117 18.92	2574.0	2711.21		2711.21	2986.02	32.73-	120.42-	125.35-	0.9		
C83 49	00.00	117 18.02	2559.0	2709.65		2709.65	2989.42	39.10-	126.28-	131.18-	0.9		
C84 48	55.53	118 11.36	1830.0	2768.83	5.00	2768.83	2982.76	41.81-	104.16-	107.66-	0.7	99.16-	
C85 48	55.47	118 09.74	2128.0	2751.87	5.00	2751.87	2982.67	30.66-	103.16-	107.23-	0.8	98.16-	
C86 48	55.44	118 07.83	2134.0	2747.89	3.46	2747.89	2982.62	34.03-	106.73-	110.82-	0.8	103.27-	
C87 48	55.63	118 04.99	2630.0	2710.08	3.00	2710.08	2982.91	6.66-	103.08-	108.49-	1.0	100.08-	
C88 48	55.71	118 02.72	3119.0	2695.34	3.00	2695.34	2983.02	5.66	100.60-	106.57-	1.1	97.60-	
C89 48	56.18	118 00.86	3162.0	2693.50		2693.50	2983.73	7.16	100.56-	106.62-	1.1	97.56-	
C90 48	57.56	117 54.55	2138.0	2746.61		2746.61	2985.78	38.09-	110.93-	115.03-	0.8		
C91 48	48.96	117 35.66	2840.0	2695.96		2695.96	2972.96	9.89-	106.65-	112.08-	1.0		



PAC NW	STA	LAT	EASTERN WN	WASH	E	SPOKANE ARPT	TC	GBV	980646.30	MSV	99999	D1 2.67	D2 2.82	CC	CBA1	154
			LONG			MG/OG		OG		FAA		BA1	BA2			
C92	48	47.16	117	33.77	3172.0	2669.20		2669.20	2970.27	2.74-	110.81-	116.88-	1.1			
C93	48	46.53	117	32.14	3573.0	2645.92		2645.92	2969.33	12.64	109.09-	115.93-	1.2			
C94	48	44.00	117	29.71	3339.0	2649.29		2649.29	2965.55	2.23-	115.98-	122.37-	1.1			
C95	48	38.23	117	22.14	2061.0	2713.92		2713.92	2957.01	49.25-	119.47-	123.41-	0.7			
C96	48	36.39	117	21.73	2064.0	2711.45		2711.45	2954.19	48.62-	118.94-	122.89-	0.7			
C97	48	33.03	117	19.84	2056.0	2718.04	2.16	2718.04	2949.17	37.76-	107.81-	111.74-	0.7			105.65-
C98	48	31.24	117	17.68	2058.0	2720.26		2720.26	2946.50	32.68-	102.79-	106.73-	0.7			
C99	48	29.45	118	06.10	2964.0	2668.15	3.00	2668.15	2943.82	3.10	97.88-	103.56-	1.0			94.88-
C100	48	27.42	118	05.69	2895.0	2668.90	2.00	2668.90	2940.79	.39	98.24-	103.78-	1.0			96.24-
C101	48	26.65	118	03.27	3612.0	2622.61	2.74	2622.61	2939.64	22.69	100.37-	107.28-	1.2			97.63-
C102	48	27.80	118	01.81	3120.0	2651.61	2.00	2651.61	2941.36	3.69	102.60-	108.57-	1.1			100.60-
C103	48	28.88	118	00.46	2725.0	2675.96	3.00	2675.96	2942.97	10.72-	103.56-	108.77-	1.0			100.56-
C104	48	25.71	118	05.33	2661.0	2682.36	2.00	2682.36	2938.24	5.60-	96.26-	101.35-	0.9			94.26-
C105	48	22.75	118	06.63	2471.0	2691.46	2.00	2691.46	2933.81	9.95-	94.13-	98.86-	0.9			92.13-
C106	48	23.52	118	02.83	4212.0	2588.97	2.00	2588.97	2934.96	50.16	93.34-	101.40-	1.4			91.34-
C107	48	16.97	118	01.38	2921.0	2655.40	3.00	2655.40	2925.17	4.96	94.56-	100.15-	1.0			91.56-
C108	48	15.28	118	00.78	2676.0	2670.37	3.00	2670.37	2922.64	.59-	91.76-	96.88-	0.9			88.76-
C109	48	13.84	118	00.93	3101.0	2646.73	3.00	2646.73	2920.49	17.90	87.75-	93.68-	1.1			84.75-
C110	48	12.76	118	04.47	2592.0	2670.04	4.00	2670.04	2918.87	5.05-	93.35-	98.32-	0.9			89.35-
C111	48	11.73	118	06.17	2375.0	2686.34	3.06	2686.34	2917.33	7.62-	88.53-	93.08-	0.9			85.47-
C112	48	09.85	118	07.83	2014.0	2704.96	2.00	2704.96	2914.52	20.14-	88.75-	92.61-	0.7			86.75-
C113	48	05.26	118	12.23	1793.0	2712.07	2.00	2712.07	2907.65	26.94-	88.03-	91.46-	0.7			86.03-
C114	48	03.67	118	12.22	1997.0	2645.17		2645.17	2904.37	89.72-	145.41-	149.04-	0.7			
C115	48	02.13	118	12.97	2680.0	2714.44		2714.44	2975.21	73.67-	138.21-	142.63-	0.7			
C116	48	49.03	118	14.72	2390.0	2724.29	4.00	2724.29	2973.06	23.99-	105.41-	109.99-	0.9			101.41-
C117	48	47.62	118	17.13	3000.0	2688.57	4.01	2688.57	2973.94	3.22-	105.42-	111.17-	1.0			101.41-
C118	48	53.12	118	22.48	4301.0	2616.12	3.00	2616.12	2979.16	41.47	105.06-	113.29-	1.4			102.06-
C119	48	54.71	118	23.60	5522.0	2540.74	10.77	2540.74	2981.53	73.56	109.57-	120.14-	1.6			98.80-
C120	48	55.40	118	22.50	4975.0	2532.06	4.00	2532.06	2982.56	67.40	102.09-	111.62-	1.5			98.09-
C121	48	56.97	118	23.82	6043.0	2504.40	21.95	2504.40	2984.90	87.85	118.03-	129.60-	1.7			96.08-
C122	48	55.17	118	19.63	4010.0	2645.55	4.00	2645.55	2982.22	40.47	96.14-	103.82-	1.3			92.14-
C123	48	55.09	118	16.39	2725.0	2714.01	5.28	2714.01	2982.10	11.80-	104.64-	109.86-	1.0			99.36-
C124	48	33.38	118	19.78	2700.0	2684.82	4.00	2684.82	2949.70	10.94-	102.92-	108.09-	1.0			98.92-
C125	48	33.18	118	24.81	3600.0	2631.85	4.00	2631.85	2949.40	21.04	101.61-	108.50-	1.2			97.61-
C126	48	30.50	118	22.55	2770.0	2621.43	2.63	2621.43	2945.39	30.61	97.83-	105.04-	1.3			95.20-
C127	48	28.90	118	17.08	2196.0	2717.18	3.00	2717.18	2943.00	19.28-	94.10-	98.30-	0.8			91.10-
C128	48	26.97	118	16.16	1953.0	2731.73	2.85	2731.73	2940.12	24.70-	91.24-	94.93-	0.7			88.39-
C129	48	24.33	118	15.30	2359.0	2705.86	4.00	2705.86	2936.25	8.52-	88.69-	93.49-	0.8			84.89-
C130	48	16.15	118	11.56	1762.0	2727.56	1.00	2727.56	2923.94	30.66-	90.69-	94.06-	0.6			89.69-
C131	48	12.93	118	12.73	1817.0	2716.62	2.00	2716.62	2919.13	31.61-	93.52-	96.99-	0.7			91.52-
C132	48	10.45	118	14.74	1549.0	2730.02	2.25	2730.02	2915.42	39.71-	92.43-	95.45-	0.6			90.23-
C133	48	09.23	118	15.78	1618.0	2727.56	2.00	2727.56	2913.68	33.94-	89.07-	92.16-	0.6			87.07-
C134	48	07.08	118	15.50	1591.0	2723.58	3.00	2723.58	2910.37	37.16-	91.36-	94.40-	0.6			88.36-
C135	48	05.47	118	15.98	1559.0	2721.83	2.89	2721.83	2907.96	39.51-	92.62-	95.60-	0.6			89.73-
C136	48	04.51	118	19.54	1794.0	2706.57	3.00	2706.57	2906.53	31.23-	92.35-	95.78-	0.7			89.35-



PAC NW STA	LAT	EASTERN WN LONG	WASH E	62 SPOKANE ARPT MG/OG	TC	GBV 980646.30 OG	FTH	MSV .99999 FAA	D1 2.67 BAI	D2 2.82 BA2	CC	CBA1	154
C137 48 03.97	118 26.63	1830.0	2700.32	1.00	2700.32	2905.61	33.18-	95.52-	99.03-	0.7	94.52-		
C138 48 03.90	118 26.63	1830.0	2700.32	1.00	2700.32	2905.61	33.18-	95.52-	99.03-	0.7	94.52-		
C139 48 03.97	118 28.38	1893.0	2694.96	2.00	2694.96	2905.72	32.72-	97.21-	100.83-	0.7	95.21-		
C140 48 03.97	118 28.38	1893.0	2694.96	2.00	2694.96	2905.72	32.72-	97.21-	100.83-	0.7	95.21-		
C141 48 03.32	118 32.08	2387.0	2669.85	1.18	2669.85	2904.75	10.39-	91.72-	96.28-	0.9	90.54-		
C142 48 02.68	118 34.69	2860.0	2639.91	1.00	2639.91	2903.79	6.99	91.12-	96.64-	1.0	90.12-		
C143 48 03.65	118 37.13	2400.0	2666.68	2.00	2666.68	2905.24	12.83-	94.60-	99.19-	0.9	92.60-		
C144 48 03.01	118 39.34	1540.0	2717.47	2.64	2717.47	2904.28	41.97-	94.44-	97.38-	0.6	91.80-		
R1 48 37.22	118 43.82	2241.0	2697.66	3.00	2697.66	2955.43	47.00-	123.35-	127.64-	0.8	120.35-		
R2 48 35.45	118 44.47	2307.0	2694.67	4.17	2694.67	2952.79	41.14-	119.74-	124.15-	0.8	115.57-		
R3 48 33.87	118 44.72	2219.0	2695.34	6.00	2695.34	2950.43	46.39-	121.99-	126.23-	0.8	115.99-		
R4 48 32.53	118 44.63	2176.0	2693.16	8.19	2693.16	2948.43	50.61-	124.74-	128.91-	0.8	116.55-		
R5 48 31.11	118 44.18	2133.0	2695.38	9.00	2695.38	2946.30	50.31-	122.98-	127.06-	0.8	113.98-		
R6 48 29.35	119 44.47	2073.0	2696.95	10.25	2696.95	2943.67	51.76-	122.38-	126.35-	0.8	112.13-		
R7 48 28.44	118 44.09	2006.0	2702.30	8.00	2702.30	2942.31	51.35-	119.69-	123.53-	0.7	111.69-		
R8 48 27.24	118 44.83	1940.0	2704.34	6.41	2704.34	2940.52	53.72-	119.82-	123.53-	0.7	113.41-		
R9 48 24.11	118 43.68	1888.0	2703.44	7.92	2703.44	2935.84	54.83-	119.16-	122.77-	0.7	111.24-		
R10 48 27.78	118 44.85	1856.0	2702.73	7.85	2702.73	2941.33	64.04-	127.27-	130.82-	0.7	119.42-		
R11 48 25.61	118 43.63	1885.0	2703.72	8.00	2703.72	2938.09	57.08-	121.30-	124.91-	0.7	113.30-		
R12 48 28.05	118 50.04	2191.0	2696.09	5.25	2696.09	2941.73	39.57-	114.22-	118.41-	0.8	108.97-		
R13 48 28.75	118 51.46	2235.0	2689.41	8.00	2689.41	2942.78	43.16-	119.31-	123.58-	0.8	111.31-		
R14 48 29.48	118 52.88	2246.0	2685.72	13.27	2685.72	2943.87	46.91-	123.43-	127.73-	0.8	110.16-		
R15 48 32.14	118 56.05	2364.0	2690.03	6.13	2690.03	2947.84	35.47-	116.01-	120.54-	0.8	109.88-		
R16 48 32.76	118 59.33	2423.0	2692.49	5.00	2692.49	2948.77	28.39-	110.94-	115.58-	0.9	105.94-		
R17 48 27.32	118 48.02	2073.0	2701.21	7.00	2701.21	2940.64	44.46-	115.09-	119.05-	0.8	108.09-		
R18 48 24.80	118 51.11	2474.0	2670.27	3.00	2670.27	2936.87	33.92-	118.21-	122.94-	0.9	115.21-		
R19 48 23.91	118 52.38	2647.0	2660.42	2.00	2660.42	2935.54	26.17-	116.35-	121.42-	0.9	114.35-		
R20 48 23.05	118 53.22	3011.0	2640.28	1.75	2640.28	2934.26	10.79-	113.37-	119.13-	1.1	111.62-		
R21 48 21.58	118 53.19	3183.0	2623.53	1.00	2623.53	2937.06	3.15-	111.61-	117.70-	1.1	110.61-		
R22 48 17.37	118 55.82	2006.0	2692.54	3.09	2692.54	2925.77	44.56-	112.90-	116.74-	0.7	109.81-		
R23 48 15.13	118 57.16	1941.0	2693.35	3.00	2693.35	2922.42	46.51-	112.64-	116.35-	0.7	109.64-		
R24 48 14.51	118 58.19	1919.0	2695.00	3.00	2695.00	2921.49	46.00-	111.38-	115.05-	0.7	108.38-		
R25 48 13.23	118 57.65	1886.0	2695.38	3.00	2695.38	2919.57	46.81-	111.07-	114.68-	0.7	108.07-		
R26 48 11.48	118 59.26	1856.0	2699.13	2.00	2699.13	2916.96	43.26-	106.50-	110.05-	0.7	104.50-		
R27 48 12.73	118 59.09	1879.0	2698.51	1.23	2698.51	2918.83	43.59-	107.61-	111.20-	0.7	106.38-		
R28 48 11.91	118 54.56	2596.0	2651.75	1.00	2651.75	2917.60	21.69-	110.13-	115.10-	0.9	109.13-		
R29 48 10.63	118 51.67	2453.0	2661.74	1.00	2661.74	2915.98	23.53-	107.11-	111.80-	0.9	106.11-		
R30 48 11.14	118 49.82	2541.0	2658.43	1.00	2658.43	2916.45	19.03-	105.60-	110.46-	0.9	104.60-		
R31 48 11.43	118 43.21	2911.0	2637.58	1.14	2637.58	2916.88	5.51-	104.69-	110.26-	1.0	103.55-		
R32 48 11.57	118 45.47	3203.0	2625.50	1.00	2625.50	2917.24	9.51	99.61-	105.74-	1.1	98.61-		
R33 48 10.33	118 42.41	1604.0	2714.90	5.00	2714.90	2915.31	49.55-	104.20-	107.27-	0.6	99.20-		
R34 48 27.55	119 46.70	2020.0	2710.07	7.74	2710.07	2940.98	40.93-	109.75-	113.62-	0.7	102.01-		
R35 48 21.19	118 44.61	1827.0	2702.87	7.00	2702.87	2931.45	56.78-	119.02-	122.52-	0.7	112.02-		
R36 48 19.55	119 44.42	1770.0	2709.17	5.62	2709.17	2929.03	53.38-	113.69-	117.07-	0.6	108.07-		
R37 48 18.01	118 44.08	1731.0	2708.37	5.60	2708.37	2926.72	55.55-	114.52-	117.84-	0.6	109.52-		

PAC NW STA	LAT	EASTERN WN LONG	WASH E	SPOKANE ARPT MG/OG	TC	GBV OG	980646.30 FTH	MSV	99999 FAA	D1 2.67 BAI	D2 2.82 BA2	CC	CBA1	154
R38	48	16.58	113	42.36	1695.0	2707.13	5.00	2707.13	2924.59	58.04-	115.78-	119.03-	0.6	110.78-
R39	48	15.40	118	41.40	1705.0	2709.31	5.26	2709.31	2922.82	53.15-	111.24-	114.50-	0.6	105.98-
R40	48	13.92	113	41.96	1654.0	2711.07	5.46	2711.07	2920.61	53.97-	110.32-	113.49-	0.6	104.86-
R41	48	12.28	118	42.78	1642.0	2710.45	5.00	2710.45	2918.15	53.27-	109.21-	112.35-	0.6	104.21-
R42	48	09.37	118	41.62	1559.0	2712.54	5.30	2712.54	2913.05	53.04-	106.46-	109.46-	0.6	101.16-
R43	48	07.33	118	41.54	1550.0	2713.20	4.00	2713.20	2910.82	51.28-	104.29-	107.27-	0.6	100.29-
R44	48	05.63	118	41.62	1500.0	2717.56	2.83	2717.56	2908.58	49.94-	101.04-	103.91-	0.6	98.21-
R45	48	04.71	118	40.92	1497.0	2715.99	4.00	2715.99	2906.83	50.04-	101.04-	103.91-	0.6	97.04-
R46	48	13.52	118	39.37	1552.0	2690.22	5.00	2690.22	2920.01	45.26-	112.10-	115.86-	0.7	107.10-
R47	48	39.03	118	40.93	2418.0	2696.57	2.00	2696.57	2958.13	34.15-	116.53-	121.15-	0.9	114.53-
R48	48	36.77	118	39.77	2820.0	2670.32	2.63	2670.32	2954.76	19.21-	115.29-	120.69-	1.0	112.66-
R49	48	34.80	118	36.91	344.0	2633.41	3.00	2633.41	2951.82	1.75	114.23-	120.74-	1.2	111.23-
R50	48	34.47	118	34.90	3660.0	2624.65	3.00	2624.65	2951.32	17.56	107.14-	114.14-	1.2	104.14-
R51	48	32.31	118	35.01	3832.0	2607.64	3.02	2607.64	2948.84	23.91	108.35-	115.78-	1.3	105.33-
R52	48	32.12	113	33.13	4324.0	2591.72	4.00	2591.72	2947.81	50.59	96.73-	105.00-	1.4	92.73-
R53	48	30.73	118	32.35	4374.0	2588.92	2.85	2588.92	2945.81	54.49	94.53-	102.90-	1.4	91.68-
R54	48	29.57	118	31.37	3675.0	2626.73	5.00	2626.73	2944.00	28.37	96.84-	103.87-	1.2	91.84-
R55	48	28.02	118	30.35	3190.0	2647.20	6.48	2647.20	2941.69	5.54	103.14-	109.25-	1.1	96.66-
R56	48	27.47	118	27.13	2872.0	2661.39	7.14	2661.39	2940.37	8.86-	106.70-	112.20-	1.0	99.56-
R57	48	26.74	118	25.91	2619.0	2675.29	8.00	2675.29	2939.77	18.16-	107.39-	112.40-	0.9	99.39-
R58	48	25.91	115	23.47	2439.0	2686.52	11.14	2686.52	2938.53	22.62-	105.72-	110.38-	0.9	94.58-
R59	48	24.82	118	22.52	2229.0	2695.76	8.79	2695.76	2936.90	25.86-	103.84-	108.23-	0.8	95.05-
R60	48	23.36	118	19.46	2111.0	2710.40	5.00	2710.40	2934.72	25.78-	97.70-	101.74-	0.8	92.70-
R61	48	23.13	118	17.73	1983.0	2722.72	3.52	2722.72	2934.38	25.15-	92.71-	96.51-	0.7	89.19-
R62	48	21.98	118	16.56	1961.0	2723.48	3.00	2723.48	2932.56	24.74-	91.55-	95.31-	0.7	88.55-
R63	48	20.42	113	15.34	1926.0	2725.14	2.00	2725.14	2930.33	24.04-	89.66-	93.35-	0.7	87.66-
R64	48	19.47	118	13.57	1874.0	2724.43	2.00	2724.43	2928.91	28.22-	92.07-	95.65-	0.7	90.07-
R65	48	18.58	118	37.33	2359.0	2672.17	4.83	2672.17	2926.10	26.06-	106.43-	110.94-	0.8	101.60-
R66	48	14.12	113	35.64	3640.0	2597.92	2.70	2597.92	2920.91	19.37	104.65-	111.61-	1.2	101.95-
R67	48	14.57	118	32.41	4034.0	2572.57	3.00	2572.57	2921.58	30.40	107.04-	114.76-	1.3	104.04-
R68	48	14.55	118	30.53	3847.0	2583.61	4.09	2583.61	2921.55	23.88	107.18-	114.55-	1.3	103.09-
R69	48	14.78	113	29.55	3838.0	2585.32	4.00	2585.32	2921.39	24.40	106.36-	113.70-	1.3	102.36-
R70	48	15.46	118	28.17	3399.0	2611.47	3.45	2611.47	2922.82	8.33	107.47-	113.97-	1.2	102.02-
R71	48	16.18	118	26.46	2819.0	2649.47	3.00	2649.47	2923.99	9.38-	105.42-	110.82-	1.0	102.92-
R72	48	16.90	118	25.22	2642.0	2664.54	2.68	2664.54	2925.06	12.04-	102.05-	107.10-	0.9	99.37-
R73	48	17.35	118	23.72	2623.0	2670.60	2.00	2670.60	2925.75	8.45-	97.82-	102.84-	0.9	95.82-
R74	48	17.77	118	21.60	2612.0	2572.64	2.00	2572.64	2925.35	8.06-	97.05-	102.05-	0.9	95.05-
R75	48	17.75	118	19.15	2280.0	2693.30	2.00	2693.30	2926.33	18.59-	96.27-	100.64-	0.8	94.27-
R76	48	17.33	118	17.52	2202.0	2693.51	2.00	2693.51	2925.71	20.09-	95.11-	99.33-	0.8	93.11-
R77	48	17.32	118	15.57	1355.0	2722.82	1.02	2722.82	2925.69	28.40-	91.60-	95.15-	0.7	90.58-
R78	48	17.33	118	13.49	1776.0	2726.99	1.00	2726.99	2925.71	31.63-	92.19-	95.59-	0.7	91.19-
R79	48	36.43	118	50.42	3480.0	2630.65	1.00	2630.65	2954.25	3.71	114.85-	121.51-	1.2	113.85-
R80	48	35.17	118	53.03	4472.0	2570.11	2.00	2570.11	2952.37	38.34	114.02-	122.58-	1.4	112.02-
R81	48	35.18	118	54.03	4206.0	2586.08	2.00	2586.08	2952.38	29.28	114.02-	122.07-	1.4	112.02-
R82	48	34.93	118	55.31	3709.0	2616.87	1.51	2616.87	2952.01	13.70	112.67-	119.76-	1.2	111.16-

PAC NW	EASTERN NW	WASH	E	SPOKANE	ARPT	GBV	980646.30	MSV	.99999	D1	2.67	D2	2.82	CC	C841	154
STA	LAT	LONG		MG/CG	TC	OG	FTH	FAA	BA1	BA2						
R83	48	33.17	118	55.48	3401.0	2633.46	200	2633.46	2949.38	3.95	111.92-	118.43-	1.2	109.92-		
R84	48	31.96	119	00.85	2832.0	2669.66	3.00	2669.66	2947.57	11.55-	108.04-	113.46-	1.0	105.04-		
R85	48	33.05	119	03.02	3133.0	2656.82	3.00	2656.82	2949.20	2.28	104.46-	110.45-	1.1	101.46-		
R86	48	34.50	119	04.68	2614.0	2697.23	3.00	2697.23	2951.31	8.29-	97.34-	102.35-	0.9	94.34-		
R87	48	35.17	119	05.22	2608.0	2693.77	3.00	2693.77	2952.37	13.31-	102.16-	107.16-	0.9	99.16-		
R88	48	36.15	119	06.98	2592.0	2696.00	3.00	2696.00	2953.83	14.05-	102.36-	107.32-	0.9	99.36-		
R89	48	37.03	119	08.38	2673.0	2695.10	3.00	2695.10	2955.15	8.65-	99.71-	104.83-	0.9	96.71-		
R90	48	38.00	119	09.18	2545.0	2703.11	3.00	2703.11	2956.60	14.12-	100.83-	105.70-	0.9	97.83-		
R91	48	38.45	119	10.41	2445.0	2708.84	3.00	2708.84	2957.27	18.47-	101.77-	106.45-	0.9	98.77-		
R92	48	39.68	119	11.65	2347.0	2717.04	3.00	2717.04	2959.10	21.33-	101.29-	105.78-	0.8	98.29-		
R94	48	39.03	118	46.65	2662.0	2685.91	3.00	2685.91	2953.13	21.86-	112.55-	117.65-	0.9	109.55-		
R95	48	39.43	118	48.63	2976.0	2665.91	4.00	2665.91	2958.73	12.92-	114.31-	120.01-	1.0	110.31-		
R96	48	39.59	118	50.54	3036.0	2660.84	4.01	2660.84	2958.97	12.40-	115.90-	121.72-	1.1	111.29-		
R97	48	40.53	118	53.27	3574.0	2627.82	2.17	2627.82	2960.37	3.59	118.18-	125.02-	1.2	116.01-		
R98	48	40.83	118	54.38	3502.0	2630.47	3.00	2630.47	2960.82	.98-	120.29-	127.00-	1.2	117.29-		
R99	48	41.15	118	55.61	3606.0	2625.83	3.00	2625.83	2961.30	3.68	119.17-	126.07-	1.2	118.17-		
R100	48	42.19	118	57.38	3954.0	2609.82	2.83	2609.82	2962.85	18.85	115.86-	123.43-	1.3	113.03-		
R101	48	43.57	118	58.15	4182.0	2601.00	2.00	2601.00	2964.91	29.41	113.07-	121.07-	1.4	111.07-		
R102	48	43.74	119	00.43	3608.0	2634.36	2.00	2634.36	2965.17	8.53	114.39-	121.30-	1.2	112.39-		
R103	48	43.33	119	02.60	3532.0	2642.93	2.00	2642.93	2964.55	10.57	109.77-	116.53-	1.2	107.77-		
R104	48	43.00	119	04.31	3496.0	2646.16	3.00	2646.16	2964.06	10.90	108.20-	114.89-	1.2	105.20-		
R105	48	42.15	119	06.90	3257.0	2662.50	3.00	2662.50	2962.79	6.03	104.93-	111.16-	1.1	101.93-		
R106	48	41.01	119	07.92	2961.0	2680.22	3.00	2680.22	2961.09	2.36-	103.26-	108.93-	1.0	100.26-		
R107	48	40.33	119	09.99	2732.0	2695.57	3.00	2695.57	2960.15	7.63-	100.71-	105.94-	1.0	97.71-		
R108	48	40.68	118	39.80	2415.0	2705.10	2.00	2705.10	2960.60	28.36-	110.64-	115.26-	0.9	108.64-		
R109	48	41.35	118	39.51	2482.0	2701.02	2.72	2701.02	2962.34	27.89-	112.45-	117.20-	0.9	109.73-		
R110	48	42.45	118	39.28	2492.0	2701.97	2.65	2701.97	2963.25	26.91-	111.81-	116.58-	0.9	109.16-		
R111	48	44.22	118	39.53	2474.0	2702.25	3.00	2702.25	2965.08	30.95-	115.24-	119.97-	0.9	112.24-		
R112	48	45.02	118	39.14	2504.0	2703.82	3.00	2703.82	2967.05	27.75-	113.06-	117.85-	0.9	110.06-		
R113	48	46.43	118	38.85	2341.0	2712.11	3.00	2712.11	2969.13	36.90-	116.65-	121.13-	0.8	113.65-		
R114	48	46.92	118	37.55	2279.0	2715.42	3.00	2715.42	2969.93	39.16-	116.81-	121.17-	0.8	113.87-		
R115	48	47.52	118	36.90	2224.0	2720.54	3.00	2720.54	2970.81	41.10-	116.87-	121.12-	0.8	113.63-		
R116	48	48.53	118	36.00	2127.0	2727.18	4.00	2727.18	2972.39	45.16-	117.63-	121.70-	0.8	113.63-		
R117	48	49.43	118	35.47	2055.0	2735.28	4.00	2735.28	2973.65	45.10-	115.11-	119.05-	0.7	111.11-		
R118	48	51.33	118	36.13	1913.0	2746.22	4.00	2746.22	2976.57	50.43-	115.60-	119.26-	0.7	111.60-		
R119	48	52.98	118	35.93	1793.0	2757.59	5.00	2757.59	2978.95	52.73-	113.82-	117.25-	0.7	108.82-		
R120	48	54.30	118	34.39	1803.0	2758.54	6.00	2758.54	2980.92	52.81-	114.23-	117.69-	0.7	108.23-		
R121	48	55.63	118	33.28	1762.0	2762.02	6.00	2762.02	2983.21	49.47-	109.50-	112.87-	0.6	103.50-		
R122	48	57.22	118	32.73	1759.0	2772.57	6.19	2772.57	2985.23	47.27-	107.20-	110.57-	0.6	101.01-		
R123	48	58.59	118	31.57	1745.0	2777.78	5.00	2777.78	2987.32	45.42-	104.87-	108.21-	0.6	99.87-		
R124	48	53.04	118	22.73	1796.0	2755.22	6.69	2755.22	2979.04	54.91-	116.10-	119.53-	0.7	109.41-		
R125	48	53.93	118	43.10	1823.0	2751.86	7.00	2751.86	2980.37	57.06-	119.16-	122.65-	0.7	112.16-		
R126	48	55.01	118	45.00	1832.0	2754.66	7.68	2754.66	2981.93	55.02-	117.43-	120.94-	0.7	109.75-		
R127	48	56.53	118	45.65	1845.0	2759.30	8.00	2759.30	2984.25	51.33-	114.22-	117.76-	0.7	106.22-		
R128	48	58.27	118	46.20	1864.0	2760.39	7.00	2760.39	2986.84	51.14-	114.65-	118.21-	0.7	107.65-		

PAC NW STA	LAT	EASTERN WN LONG	WASH F 62	SPOKANE ARPT MG/OG	TC	GBV 980646.30 OG	FTH	MSV •99999 FMA	D1 2.67 BAI	D2 2.82 BA2	CC	CBA1	154
R129 48 53.07	118	40.06	1542.0	2754.99	7.00	2754.99	2979.09	50.86-	113.61-	117.14-	0.7	106.61-	
R130 48 44.67	118	59.22	3584.0	2638.48	2.00	2638.48	2966.55	9.01	113.10-	119.96-	1.2	111.10-	
R131 48 46.33	118	58.60	3568.0	2640.99	1.70	2640.99	2969.11	7.46	114.10-	120.93-	1.2	112.40-	
R132 48 46.33	118	58.60	3568.0	2640.99	1.70	2640.99	2969.11	7.46	114.10-	120.93-	1.2	112.40-	
R133 48 53.37	118	59.12	4121.0	2618.49	1.75	2618.49	2979.54	26.54	113.86-	121.75-	1.4	112.11-	
R134 48 53.37	118	59.12	4121.0	2618.49	1.75	2618.49	2979.54	26.54	113.86-	121.75-	1.4	112.11-	
R135 48 56.74	118	59.11	5602.0	2529.79	15.60	2529.79	2984.56	72.10	118.75-	129.48-	1.6	103.15-	
R136 48 52.83	112	52.28	2402.0	2713.15	8.00	2713.15	2978.73	39.67-	121.50-	126.10-	0.9	113.50-	
R137 48 54.71	113	50.95	2226.0	2727.27	7.09	2727.27	2981.53	44.72-	120.62-	124.89-	0.8	113.53-	
R139 48 36.28	118	36.07	3495.0	2632.08	2.77	2632.08	2954.03	6.76	112.31-	119.00-	1.2	109.54-	
R140 48 36.63	118	32.47	4345.0	2593.04	3.00	2593.04	2954.55	47.14	100.89-	109.20-	1.4	97.89-	
R141 48 36.20	118	30.11	5216.0	2538.84	4.78	2538.84	2953.91	75.51	102.20-	112.18-	1.6	97.42-	
R142 48 36.86	118	27.74	4944.0	2553.53	4.87	2553.53	2954.89	63.63	104.81-	114.27-	1.5	99.94-	
R143 48 36.86	118	27.74	4944.0	2553.53	4.87	2553.53	2954.89	63.63	104.81-	114.27-	1.5	99.94-	
R144 48 24.01	118	39.87	3251.0	2632.32	2.00	2632.32	2935.69	2.39	108.37-	114.59-	1.1	106.37-	
R145 48 23.30	118	36.32	3809.0	2608.01	1.89	2608.01	2935.38	22.87	106.89-	114.19-	1.3	105.00-	
R146 48 22.19	118	36.22	3580.0	2608.63	2.00	2608.63	2932.97	12.36	109.60-	116.46-	1.2	107.60-	
R147 48 21.63	118	34.77	3740.0	2596.74	2.00	2596.74	2932.14	16.36	111.06-	118.22-	1.3	109.06-	
R148 48 21.17	118	36.12	3303.0	2622.47	1.70	2622.47	2931.45	1.68	110.85-	117.18-	1.1	109.15-	
R149 48 20.06	118	36.64	3546.0	2607.49	2.00	2607.49	2929.79	11.21	109.60-	116.39-	1.2	107.60-	
R150 48 18.70	118	37.12	3220.0	2622.61	3.54	2622.61	2927.76	2.30-	112.00-	118.16-	1.1	108.46-	
R151 48 17.92	113	38.48	2408.0	2670.75	5.00	2670.75	2926.59	29.36-	111.40-	116.01-	0.9	106.40-	
R152 48 16.24	113	39.20	2109.0	2636.33	5.00	2636.33	2924.08	39.39-	111.24-	115.28-	0.8	106.24-	
R153 48 06.29	118	22.02	1891.0	2707.00	2.00	2707.00	2909.19	24.34-	88.76-	92.38-	0.7	86.76-	
R154 48 07.48	118	23.40	2050.0	2701.59	2.23	2701.59	2910.97	16.57-	86.42-	90.34-	0.7	84.19-	
R155 48 07.15	118	25.57	2201.0	2691.50	2.00	2691.50	2911.99	13.48-	88.47-	92.68-	0.8	86.47-	
R156 48 07.77	113	23.22	3085.0	2638.67	1.87	2638.67	2912.90	15.92	89.18-	95.09-	1.1	87.31-	
R157 48 17.97	113	27.92	4469.0	2547.38	9.35	2547.38	2916.19	52.11	100.15-	103.70-	1.4	90.80-	
R158 48 17.93	113	23.26	3309.0	2587.03	3.00	2587.03	2919.20	26.08	103.67-	110.98-	1.3	100.69-	
R159 48 11.13	113	31.77	2646.0	2663.12	1.56	2663.12	2917.48	5.50-	95.64-	100.71-	0.9	94.08-	
R160 48 09.44	118	32.98	2431.0	2673.16	2.00	2673.16	2913.91	12.10-	94.93-	99.58-	0.9	92.93-	
R161 48 06.91	118	35.55	3087.0	2625.67	1.50	2625.67	2910.12	8.89	96.28-	102.19-	1.1	94.78-	
R162 48 05.40	118	36.37	1967.0	2689.37	2.00	2689.37	2907.86	33.49-	100.50-	104.27-	0.7	98.50-	
R163 48 37.73	118	49.25	3092.0	2657.67	3.00	2657.67	2956.19	7.71-	113.06-	118.97-	1.1	110.06-	
R164 48 34.54	113	47.89	3159.0	2646.49	3.00	2646.49	2952.03	8.43-	116.05-	122.10-	1.1	113.05-	
R165 48 32.21	112	42.62	3273.0	2635.68	3.00	2635.68	2947.95	3.97-	115.64-	121.92-	1.1	112.64-	
R166 48 31.63	113	43.51	3294.0	2633.51	3.00	2633.51	2945.59	2.27-	114.49-	120.30-	1.1	111.47-	
R167 48 22.00	115	53.22	3130.0	2633.41	1.00	2633.41	2932.78	4.39-	111.62-	117.61-	1.1	110.32-	
R168 48 20.32	118	52.23	4345.0	2553.24	5.71	2553.24	2930.18	31.72	116.31-	124.63-	1.4	110.60-	
R169 48 17.33	118	52.03	3415.0	2615.98	1.37	2615.98	2926.53	10.64	105.71-	112.24-	1.2	104.34-	
R170 48 14.73	118	43.86	3520.0	2599.30	1.00	2599.30	2921.89	8.47	111.45-	118.19-	1.2	110.45-	
R171 48 14.69	113	16.72	2272.0	2617.78	0.97	2617.78	2921.75	3.76	107.71-	113.93-	1.1	106.74-	
R172 48 13.77	113	45.04	3047.0	2634.08	1.00	2634.82	2920.38	1.08	102.73-	108.57-	1.1	101.73-	
R173 48 09.97	113	47.21	3059.0	2578.17	5.00	2578.17	2914.70	26.42	105.05-	112.44-	1.3	100.05-	
R174 48 08.74	113	47.29	4019.0	2564.19	7.27	2564.19	2912.86	29.33	107.59-	115.29-	1.3	100.32-	

PAC NW	EASTERN WN	WASH	62	SPOKANE ARPT	GBV 980646.30	MSV .9999	DI 2.67	D2 2.82	154			
STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	CBA1
R175 48	07.55	113 47.04	4110.0	2557.56	6.00	2557.56	2911.08	33.04	106.98-	114.85-	1.3	100.98-
R176 48	06.36	118 48.21	3883.0	2572.72	4.44	2572.72	2909.30	28.63	103.66-	111.09-	1.3	99.22-
R177 48	05.01	118 47.78	3944.0	2565.52	5.00	2565.52	2907.28	29.19	105.18-	112.73-	1.3	100.18-
R178 48	03.70	113 47.66	4831.0	2498.88	18.82	2498.88	2905.31	47.94	116.65-	125.90-	1.5	97.83-
R179 48	09.93	118 58.53	1815.0	2700.22	2.00	2700.22	2914.64	43.71-	105.55-	109.02-	0.7	103.55-
R180 48	04.81	118 58.92	1763.0	2696.52	3.00	2696.52	2906.98	44.64-	104.71-	108.08-	0.6	101.71-
R181 48	02.61	118 58.13	1275.0	2726.46	2.43	2726.46	2903.68	57.31-	100.74-	103.18-	0.5	98.31-
R182 48	07.23	118 58.63	1723.0	2701.16	1.08	2701.16	2910.67	47.46-	106.16-	109.46-	0.6	105.08-