


COLUMBIA WILDERNESS

Mt. Hood National Forest

I hereby certify that the legal boundary description and map herewith represent the location of the boundary of the Columbia Wilderness on the Mt. Hood National Forest as entered into the National Wilderness Preservation System by the Act of June 26, 1984.

Signed

8/11/87  
(Date)

  
JAMES F. TORRENCE  
Regional Forester

### Definition of Intent

The legal description of the Columbia Wilderness is as shown on the map dated September 1986 on file in the office of the Chief of the USDA Forest Service and as generally described in Public Law 98-328. The approximate courses of the map boundaries are identified in the following legal description. Where the boundary is described as following a topographical feature, the actual location of the feature will control the approximate course identifying that part of said boundary. Unless specified in the description, calls to a stream shall be to the thread and calls to a ridge shall be to the crest. Section, Township, and Range lines, and Section corners established by the United States Public Land Survey, shall determine the actual location of these portions of the boundary so described.

Section subdivision lines and corners will be established under the rules of the United States Public Land Survey.

The data base for the Columbia Wilderness is a series of quadrangle maps published by the United States Geological Survey as identified on the attached index map. The various boundaries were marked on the map and the information was collected with a Hewlett-Packard 9020 Interactive Graphics System. The data is published as the attached metes and bounds description. Courses in the description are shown as grid bearings and grid distances.

# COLUMBIA WILDERNESS BOUNDARY DESCRIPTION

All bearings and distances shown in the following description are based on the Oregon State Plane coordinate grid system, North Zone. International, State, Indian Reservation, National Park, Mineral Claim, or Sectional land boundaries have been included although record bearing, distance, and monuments will prevail. All maps used in this description, unless noted are USDA-Forest Service, Primary Base Maps, USGS 1957, Intermediate Edition.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
COLUMBIA BONNEVILLE DAM NE MAP NO. 2	1			Beginning on the summit of a knob, on Nick Eaton Ridge, elevation 3152 ft, N. Latitude 45-40-36.98, W. Longitude 121-48-04.05, NE1/4 NE1/4 of Section 10, T.2 N., R.8 E., W.M., Oregon grid coordinates north zone X=1,667,434, Y=735,572, thence on the following courses.
	2	S52-52E	134 (40.8)	
	3	S62-59E	167 (50.9)	
	4	S50-59E	75 (22.9)	
	5	S30-26E	113 (34.4)	
	6	S07-28E	123 (37.5)	Paralleling USFS Trail #447, 10 ft. northeasterly from centerline of trail.
	7	S05-53E	137 (41.8)	
	8	S25-37E	81 (24.7)	
	9	S67-50E	58 (17.7)	
	10	S86-01E	86 (26.2)	
	11	S73-27E	116 (35.4)	
		S80-12E	112 (34.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	12				
		S57-21E	122	(37.2)	
	13				
		S64-50E	110	(33.5)	
	14				
		S48-26E	71	(21.6)	
	15				
		S29-36E	51	(15.5)	
	16				
		S29-41E	107	(32.6)	
	17				
		S37-56E	161	(49.1)	
	18				
		S15-57E	109	(33.2)	Paralleling USFS Trail #447, 10 ft. northeasterly from centerline of trail.
	19				
		S23-31E	118	(36.0)	
	20				
		S20-40E	170	(51.8)	
	21				
		S16-57E	158	(48.2)	
	22				
		S17-21E	184	(56.1)	
	23				
		S15-28E	146	(44.5)	
	24				
		S12-42E	146	(44.5)	
	25				
		S24-53E	197	(60.0)	
	26				
		S18-42E	140	(42.7)	
	27				
		S30-05E	168	(51.2)	
	28				
		S19-26E	219	(66.8)	
	29				
		S36-09E	220	(67.1)	
	30				
		S40-57E	230	(70.1)	
	31				
		S35-27E	153	(46.6)	
	32				
		S43-35E	115	(35.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	33			A point. Elevation 3600 ft., which is perpendicular to and 10 ft. north easterly from the centerline of USFS Trial #447.
		S60-29E	191 (58.2)	
	34	S73-26E	175 (53.3)	
	35	S73-49E	226 (68.9)	
	36	S82-24E	151 (46.0)	
	37	S62-05E	171 (52.1)	Along the 3,600 ft. contour.
	38	S74-17E	140 (42.7)	
	39	S74-25E	108 (32.9)	
	40	S66-12E	139 (42.4)	
	41	S20-57E	151 (46.0)	
	42	S37-04E	179 (54.6)	
	43	S11-24E	126 (38.4)	
	44	S20-57E	151 (46.0)	
	45	S32-46E	137 (41.8)	
	46	S19-06E	83 (25.3)	
	47	S31-43E	105 (32.0)	
	48	S42-35E	50 (15.2)	
	49	S57-27E	125 (38.1)	
	50	S79-23E	81 (24.7)	
	51	S71-10E	136 (41.5)	
	52	S77-22E	59 (18.0)	
	53			

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	54	S50-43E	128	(39.0)	
	55	S35-02E	106	(32.3)	
	56	S32-24E	62	(18.9)	
	57	S27-12E	120	(36.6)	
	58	S22-30E	76	(23.2)	
	59	S12-27E	88	(26.8)	
	60	S11-01E	78	(23.8)	Along the 3,600 ft. contour.
	61	S24-03E	123	(37.5)	
	62	S52-01E	93	(28.3)	
	63	N88-11E	126	(38.4)	
	64	N76-07E	96	(29.3)	
	65	N69-02E	64	(19.5)	
	66	N78-12E	137	(41.8)	
	67	S62-55E	99	(30.2)	
	68	S60-57E	113	(34.4)	
	69	S42-39E	207	(63.1)	
	70	S13-50E	134	(40.8)	
	71	S53-30E	62	(18.9)	
	72	S72-48E	44	(13.4)	
	73	S26-34E	96	(29.3)	
	74	S17-23E	154	(46.9)	
	75	S29-29E	106	(32.3)	
	76	S16-08E	126	(38.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2		S64-30E	72	(21.9)	
	77				
		S66-56E	59	(18.0)	
	78				
		S76-29E	107	(32.6)	
	79				
		S45-00E	109	(33.2)	
	80				
		S47-17E	53	(16.2)	
	81				
		S61-33E	82	(25.0)	
	82				
		S84-44E	76	(23.2)	Along the 3,600 ft. contour.
	83				
		N78-19E	118	(36.0)	
	84				
		N71-49E	74	(22.6)	
	85				
		N76-42E	57	(17.4)	
	86				
		S63-12E	226	(68.9)	
	87				
		S49-23E	269	(82.0)	
	88				
		S52-51E	248	(75.6)	
	62				
		N88-11E	126	(38.4)	
	63				
		N76-07E	96	(29.3)	
	89				
		S32-10E	146	(44.5)	
	90				
		S00-42W	165	(50.3)	
	91				
		S13-24E	198	(60.4)	
	92				
		S12-52E	202	(61.6)	
	93				
		S22-54E	126	(38.4)	
	94				
		S30-10W	99	(30.2)	
	95				
		S18-44W	62	(18.9)	
	96				
		S41-54E	52	(15.8)	
	97				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	98	S69-56E	55	(16.8)	
	99	S25-10E	73	(22.3)	
	100	S03-35E	112	(34.1)	
	101	S17-34E	146	(44.5)	
	102	S38-53E	119	(36.3)	
	103	S58-48E	83	(25.3)	
	104	S58-54E	74	(22.6)	Along the 3,600 ft. contour.
	105	S24-33E	89	(27.1)	
	106	S51-04E	100	(30.5)	
	107	S54-28E	60	(18.3)	
	108	S33-29E	74	(22.6)	
	109	S31-21E	177	(53.9)	
	110	S30-20E	170	(51.8)	
	111	S19-09E	101	(30.8)	
	112	N44-25E	139	(42.4)	
	113	N01-00E	161	(49.1)	
	114	N40-36E	240	(73.2)	
	115	N32-43E	130	(39.6)	
	116	N04-46W	84	(25.6)	
	117	N29-27E	124	(37.8)	
	118	N45-18E	266	(81.1)	
	119	N54-01E	284	(86.6)	
	120	N56-19E	169	(51.5)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	121	N84-17E	90	(27.4)	
	122	S74-37E	124	(37.8)	
	123	N45-50E	195	(59.4)	
	124	N40-04E	230	(70.1)	
	125	N34-06E	153	(46.6)	
	126	N00-48W	142	(43.3)	
	127	N07-27W	131	(39.9)	Along the 3,600 ft. contour.
	128	N04-52W	177	(53.9)	
	129	N01-46E	130	(39.6)	
	130	N33-51E	102	(31.1)	
	131	N65-06E	93	(28.3)	
	132	N46-17E	126	(38.4)	
	133	N28-46E	175	(53.3)	
	134	N23-17E	180	(54.9)	
	135	N27-50E	101	(30.8)	
	136	N20-40W	57	(17.4)	
	137	N16-42W	52	(15.8)	
	138	N18-47E	53	(16.2)	
	139	N65-46E	88	(26.8)	
	140	N36-38E	141	(43.0)	
	141	N07-28E	284	(86.6)	
	142	N03-45W	198	(60.4)	
	143	N01-00E	133	(40.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2		N14-54E	113	(34.4)	
	144	N20-03E	79	(24.1)	
	145	S83-20E	155	(47.2)	
	146	S82-41E	228	(69.5)	
	147	S69-57E	225	(68.6)	
	148	S57-37E	146	(44.5)	
	149	S67-52E	98	(29.9)	Along the 3,600 ft. contour.
	150	S80-25E	156	(47.5)	
	151	N85-08E	189	(57.6)	
	152	S78-34E	86	(26.2)	
	153	S84-37E	106	(32.3)	
	154	N78-41E	173	(52.7)	
	155	S84-27E	145	(44.2)	
	156	N42-22E	123	(37.5)	
	157	N35-57E	247	(75.3)	
	158	N20-16E	257	(78.3)	
	159	N11-07E	233	(71.0)	
	160	N00-50E	208	(63.4)	
	161	N03-59E	172	(52.4)	
	162	N07-47E	258	(78.6)	
	163	N30-25E	199	(60.7)	
	164	N22-36E	187	(57.0)	
	165	N28-14E	230	(70.1)	
	166				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	167	N28-40E	183	(55.8)	
	168	N32-56E	210	(64.0)	
	169	N40-27E	170	(51.8)	
	170	N14-21E	133	(40.5)	
MT. HOOD RIVER NW MAP NO. 3	171	N83-21E	147	(44.8)	
	172	S89-01E	176	(53.6)	
	173	N81-12E	85	(25.9)	Along the 3,600 ft. contour.
	174	S64-29E	98	(29.9)	
	175	S40-57E	70	(21.3)	
	176	S46-33E	52	(15.8)	
	177	S48-40E	111	(33.8)	
	178	S70-17E	127	(38.7)	
	179	S75-21E	134	(40.8)	
	180	S74-21E	130	(39.6)	
	181	S82-40E	71	(21.6)	
	182	S78-14E	49	(14.9)	
	183	S57-50E	73	(22.3)	
	184	S35-32E	69	(21.0)	
	185	S23-18E	78	(23.8)	
	186	S09-03E	184	(56.1)	
	187	S05-08W	78	(23.8)	
	188	S14-25W	72	(21.9)	
	189	S19-33W	81	(24.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S57-43W	45	(13.7)	
	190	S52-50W	78	(23.8)	
	191	S50-04W	56	(17.1)	
	192	S39-48W	47	(14.3)	
	193	S03-58W	130	(39.6)	
	194	S02-28W	116	(35.4)	
	195	S05-05W	90	(27.4)	Along the 3,600 ft. contour.
	196	S11-19W	87	(26.5)	
	197	S23-30W	50	(15.2)	
	198	S31-40W	70	(21.3)	
	199	S33-19W	84	(25.6)	
	200	S61-18W	48	(14.6)	
	201	S68-43W	83	(25.3)	
	202	S49-24W	37	(11.3)	
	203	S41-28W	57	(17.4)	
	204	S35-08W	66	(20.1)	
	205	S26-34W	87	(26.5)	
	206	S24-49W	88	(26.8)	
	207	S23-58W	49	(14.9)	
	208	S05-09W	100	(30.5)	
	209	S02-12E	104	(31.7)	
	210	S01-52W	92	(28.0)	
	211	S03-11E	90	(27.4)	
	212				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S02-08W	134	(40.8)	
	213	S10-34W	136	(41.5)	
	214	S24-11W	107	(32.6)	
	215	S42-39W	52	(15.8)	
	216	S31-10W	50	(15.2)	
	217	S24-18W	68	(20.7)	
	218	S24-36W	183	(55.8)	Along the 3,600 ft. contour.
	219	S29-45W	73	(22.3)	
	220	S20-52W	126	(38.4)	
	221	S10-43W	75	(22.9)	
	222	S14-41E	43	(13.1)	
	223	S16-42E	63	(19.2)	
	224	S38-07E	83	(25.3)	
	225	S42-53E	38	(11.6)	
	226	S29-09E	119	(36.3)	
	227	S18-43E	65	(19.8)	
	228	S22-39E	138	(42.1)	
	229	S30-58E	93	(28.3)	
	230	S29-27E	71	(21.6)	
	231	S15-46E	88	(26.8)	
	232	S11-07E	57	(17.4)	
	233	S00-57W	182	(55.5)	
	234				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3 No. 2		S14-10W	110	(33.5)	
	235	S01-57E	88	(26.8)	
	236	S02-42E	148	(45.1)	
	237	S01-22W	84	(25.6)	
	238	S35-09W	120	(36.6)	
	239	S29-57W	106	(32.3)	
	240	S30-41W	106	(32.3)	Along the 3,600 ft. contour.
	241	S43-17W	118	(36.0)	
	242	S45-18W	135	(41.1)	
	243	S48-37W	135	(41.1)	
	244	S37-09W	161	(49.1)	
	245	S40-14W	85	(25.9)	
	246	S35-05W	160	(48.8)	
	247	S25-06W	87	(26.5)	
	248	S39-34W	157	(47.9)	
	249	S28-34W	360	(109.7)	
	250	S17-37W	380	(115.8)	
	251	S22-12W	299	(91.1)	
	252	S32-05W	158	(48.2)	
	253	S00-38E	90	(27.4)	
	254	S28-18E	103	(31.4)	
	255	S42-14E	118	(36.0)	
	256	S25-06E	87	(26.5)	
	257				
BONNEVILLE DAM NE MAP NO. 2					

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2	258	S35-16W	121	(36.9)	
	259	S56-39W	186	(56.7)	
	260	S57-10W	111	(33.8)	
	261	S10-00W	138	(42.1)	
	262	S30-11E	163	(49.7)	
	263	S38-36E	171	(52.1)	
	264	S48-08E	142	(43.3)	Along the 3,600 ft. contour.
	265	S01-00E	138	(42.1)	
	266	N83-52E	215	(65.5)	
	267	N75-20E	111	(33.8)	
	268	N71-19E	72	(21.9)	
	269	S80-50E	63	(19.2)	
	270	N64-41E	124	(37.8)	
	271	N63-26E	123	(37.5)	
	272	N71-51E	64	(19.5)	
MT. HOOD RIVER NW MAP NO. 3	273	N74-58E	112	(34.1)	
	274	N77-28E	74	(22.6)	
	275	N85-27E	88	(26.8)	
	276	S86-25E	112	(34.1)	
	277	S77-12E	90	(27.4)	
	278	S85-23E	62	(18.9)	
	279	N55-24E	70	(21.3)	
	280	N21-34E	139	(42.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		N15-54E	164	(50.0)	
	281	N25-59E	219	(66.8)	
	282	N35-15E	142	(43.3)	
	283	N55-03E	138	(42.1)	
	284	N51-15E	97	(29.6)	
	285	N58-24E	137	(41.8)	
	286	N62-59E	112	(34.1)	Along the 3,600 ft. contour.
	287	N62-28E	132	(40.2)	
	288	N88-13E	96	(29.3)	
	289	N87-31E	46	(14.0)	
	290	S83-36E	99	(30.2)	
	291	N75-58E	82	(25.0)	
	292	N54-10E	67	(20.4)	
	293	N29-09E	60	(18.3)	
	294	N12-32E	111	(33.8)	
	295	N28-40E	73	(22.3)	
	296	N54-18E	39	(11.9)	
	297	N46-44E	117	(35.7)	
	298	N18-26E	51	(15.5)	
	299	N14-02E	78	(23.8)	
	300	N12-43E	64	(19.5)	
	301	N39-22E	50	(15.2)	
	302	N50-52E	76	(23.2)	
	303				



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		N18-07E	116	(35.4)	
	304	N08-13E	91	(27.7)	
	305	N05-35E	134	(40.8)	
	306	N02-28E	116	(35.4)	
	307	N32-11E	137	(41.8)	
	308	N34-13E	60	(18.3)	
	309	N66-54E	74	(22.6)	Along the 3,600 ft. contour.
	310	N74-45E	46	(14.0)	
	311	N64-31E	119	(36.3)	
	312	N31-25E	175	(53.3)	
	313	N50-12E	47	(14.3)	
	314	N42-48E	74	(22.6)	
	315	N68-23E	57	(17.4)	
	316	N67-29E	89	(27.1)	
	317	N34-07E	75	(22.9)	
	318	N43-14E	92	(28.0)	
	319	N38-40E	64	(19.5)	
	320	N51-57E	58	(17.7)	
	321	N86-42E	52	(15.8)	
	322	N90-00E	32	(9.8)	
	323	S78-09E	63	(19.2)	
	324	S79-42E	22	(6.7)	
	325	S61-23E	50	(15.2)	
	326				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S52-07E	68	(20.7)	
	327	S74-17E	33	(10.1)	
	328	S67-45E	48	(14.6)	
	329	S56-45E	73	(22.3)	
	330	S55-00E	37	(11.3)	
	331	S24-14E	44	(13.4)	
	332	S29-45E	48	(14.6)	Along the 3,600 ft. contour.
	333	S53-19E	64	(19.5)	
	334	N85-29E	38	(11.6)	
	335	N77-28E	37	(11.3)	
	336	N66-11E	84	(25.6)	
	337	N46-06E	111	(33.8)	
	338	N73-47E	90	(27.4)	
	339	N87-48E	52	(15.8)	
	340	N60-34E	116	(35.4)	
	341	N56-46E	69	(21.0)	
	342	N52-26E	82	(25.0)	
	343	N62-41E	68	(20.7)	
	344	N54-28E	86	(26.2)	
	345	N58-49E	44	(13.4)	
	346	N62-14E	64	(19.5)	
	347	N89-16E	78	(23.8)	
	348	S88-13E	64	(19.5)	
	349				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S62-28E	80	(24.4)	
	350	S46-51E	44	(13.4)	
	351	S72-04E	71	(21.6)	
	352	S67-58E	45	(13.7)	
	353	S82-30E	77	(23.5)	
	354	N56-33E	67	(20.4)	
	355	S77-00E	53	(16.2)	Along the 3,600 ft. contour.
	356	S65-51E	64	(19.5)	
	357	S72-26E	63	(19.2)	
	358	N87-43E	50	(15.2)	
	359	N87-28E	68	(20.7)	
	360	S84-41E	86	(26.2)	
	361	N88-59E	56	(17.1)	
	362	S85-36E	52	(15.8)	
	363	S55-06E	52	(15.8)	
	364	N68-52E	175	(53.3)	
	365	S88-32E	156	(47.5)	
	366	N53-08E	60	(18.3)	
	367	S79-34E	77	(23.5)	
	368	N80-46E	81	(24.7)	
	369	N90-00E	58	(17.7)	
	370	N56-57E	75	(22.9)	
	371	N49-51E	84	(25.6)	
	372				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		N72-17E	76	(23.2)	
	373	N88-40E	86	(26.2)	
	374	N82-40E	71	(21.6)	
	375	N77-07E	72	(21.9)	
	376	N62-28E	80	(24.4)	
	377	N67-53E	69	(21.0)	
	378	S80-32E	30	(9.1)	Along the 3,600 ft. contour.
	379	S72-07E	65	(19.8)	
	380	S80-13E	59	(18.0)	
	381	N70-11E	91	(27.7)	
	382	N30-39E	63	(19.2)	
	383	N20-51E	45	(13.7)	
	384	N22-59E	136	(41.5)	
	385	N25-44E	62	(18.9)	
	386	N32-34E	85	(25.9)	
	387	N35-47E	53	(16.2)	
	388	N28-49E	91	(27.7)	
	389	N45-00E	28	(8.5)	
	390	N45-00E	112	(34.1)	
	391	N46-16E	64	(19.5)	
	392	N48-27E	106	(32.3)	
	393	N36-02E	95	(29.0)	
	394	N32-24E	62	(18.9)	
	395				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		N06-54E	125	(38.1)	
	396	N00-58E	178	(54.3)	
	397	N07-07E	64	(19.5)	
	398	N12-45E	86	(26.2)	
	399	N19-07E	79	(24.1)	
	400	N34-12E	94	(28.7)	
	401	N40-36E	55	(16.8)	Along the 3,600 ft. contour.
	402	N75-26E	52	(15.8)	
	403	N84-17E	40	(12.2)	
	404	S75-04E	31	(9.4)	
	405	S78-41E	51	(15.5)	
	406	N72-48E	44	(13.4)	
	407	N28-52E	89	(27.1)	
	408	N30-21E	129	(39.3)	
	409	N33-18E	206	(62.8)	
	410	N36-12E	51	(15.5)	
	411	N33-18E	122	(37.2)	
	412	N01-00E	49	(14.9)	
	413	N74-57E	96	(29.3)	
	414	S64-48E	56	(17.1)	
	415	S86-38E	34	(10.4)	
	416	N68-49E	119	(36.3)	
	417	S76-33E	47	(14.3)	
	418				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S79-30E	55	(16.8)	
	419	N44-10E	98	(29.9)	
	420	N56-33E	67	(20.4)	
	421	N64-39E	42	(12.8)	
	422	S74-11E	62	(18.9)	
	423	N65-13E	72	(21.9)	
	424	N64-48E	38	(11.6)	Along the 3,600 ft. contour.
	425	N86-25E	48	(14.6)	
	426	S85-55E	56	(17.1)	
	427	S42-59E	60	(18.3)	
	428	S57-49E	137	(41.8)	
	429	S23-55E	145	(44.2)	
	430	S21-09E	180	(54.9)	
	431	S25-25E	200	(61.0)	
	432	S26-34E	139	(42.4)	
	433	S21-58E	67	(20.4)	
	434	S03-59E	86	(26.2)	
	435	S08-34E	127	(38.7)	
	436	S21-41E	89	(27.1)	
	437	S56-19E	43	(13.1)	
	438	S63-26E	49	(14.9)	
	439	N80-02E	75	(22.9)	
	440	S88-50E	98	(29.9)	
	441				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S81-09E	156	(47.5)	
	442	N80-59E	128	(39.0)	
	443	N72-42E	111	(33.8)	
	444	N66-14E	92	(28.0)	
	445	N72-56E	106	(32.3)	
	446	N87-24E	132	(40.2)	
	447	N82-15E	252	(76.8)	Along the 3,600 ft. contour.
	448	N71-25E	129	(39.3)	
	449	N61-26E	115	(35.1)	
	450	S79-55E	91	(27.7)	
	451	S55-03E	113	(34.4)	
	452	S57-39E	107	(32.6)	
	453	S62-28E	184	(56.1)	
	454	S66-44E	124	(37.8)	
	455	S27-55E	113	(34.4)	
	456	S11-19E	82	(25.0)	
	457	S14-22E	85	(25.9)	
	458	S41-15E	76	(23.2)	
	459	S50-58E	48	(14.6)	
	460	S43-44E	95	(29.0)	
	461	S13-36E	64	(19.5)	
	462	S17-21E	34	(10.4)	
	463	S45-53E	92	(28.0)	
	464				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S73-39E	96	(29.3)	
	465	S69-15E	102	(31.1)	Along the 3,600 ft. contour.
	466	S50-12E	23	(7.0)	
	467				A point in a draw. Elevation 3,600 feet.
		S40-06W	124	(37.8)	
	468	S30-10W	86	(26.2)	
	469	S18-16W	112	(34.1)	Ascend draw.
	470	S26-50W	97	(29.6)	
	471	S36-33W	72	(21.9)	
	472	S41-25W	45	(13.7)	
	473	S35-52W	80	(24.4)	
	474				A point in a draw perpendicular to and 10 ft. northeasterly of the centerline of USFS trail #417.
		S63-26E	136	(41.5)	
	475	S75-35E	149	(45.4)	
	476	S88-15E	196	(59.7)	
	477	S88-47E	282	(86.0)	Paralleling USFS trail #417
	478	N81-03E	148	(45.1)	10 ft. northeasterly from centerline of trail.
	479	S88-57E	110	(33.5)	
	480	S78-41E	235	(71.6)	
	481	S79-33E	182	(55.5)	
	482	S72-07E	195	(59.4)	
	483	S61-03E	107	(32.6)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3	484				
		S46-52E	130	(39.6)	Paralleling USFS trail #417, 10 ft. northerly from centerline of trail
	485	S47-22E	120	(36.6)	
	486	S23-06E	74	(22.6)	
	487				A point perpendicular to and 100 ft. northwesterly from the centerline of USFS road #2821 630.
		S55-30W	178	(54.3)	
	488	S32-31W	108	(32.9)	
	489	S31-03W	114	(34.7)	
	490	S41-03W	82	(25.0)	Paralleling USFS road #2821 630, 100 ft. northerly from centerline of road.
	491	S69-22W	82	(25.0)	
	492	S54-12W	128	(39.0)	
	493	N84-17W	100	(30.5)	
	494	S63-16W	158	(48.2)	
	495	S66-40W	159	(48.5)	
	496	S59-51W	121	(36.9)	
	497	S69-36W	175	(53.3)	
	498	S78-11W	112	(34.1)	
	499	S78-16W	236	(71.9)	
	500	S83-06W	125	(38.1)	
	501	S80-54W	158	(48.2)	
	502	S79-23W	212	(64.6)	
	503	S86-59W	190	(57.9)	
	504	S89-41W	182	(55.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD	505				
RIVER NW		S88-05W	150	(45.7)	
MAP NO. 3	506	N89-06W	192	(58.5)	
	507	N77-23W	78	(23.8)	
	508	N76-58W	111	(33.8)	
	509	N84-54W	169	(51.5)	
	510	N82-08W	95	(29.0)	Paralleling USFS road #2821 630, 100 ft. northerly from centerline of road.
	511	S83-22W	87	(26.5)	
	512	S74-54W	157	(47.9)	
	513	S60-27W	112	(34.1)	
	514	S54-56W	197	(60.0)	
	515	S72-16W	128	(39.0)	
	516	S76-28W	167	(50.9)	
	517	S86-28W	178	(54.3)	
	518	N84-26W	155	(47.2)	
	519	N79-39W	106	(32.3)	
	520	N85-10W	130	(39.6)	
	521	S82-59W	123	(37.5)	
	522	S66-15W	137	(41.8)	
	523	S41-50W	141	(43.0)	
	524	S40-16W	128	(39.0)	
	525				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3	526				
	527	S32-00W	123	(37.5)	
		S39-59W	81	(24.7)	
	528				
		S73-37W	53	(16.2)	
	529				
		N66-20W	80	(24.4)	
	530				
		N34-57W	101	(30.8)	
	531				
		N38-13W	102	(31.1)	
	532				
		N38-56W	127	(38.7)	
	533				
		N43-35W	144	(43.9)	Paralleling USFS road #2821 630, 100 ft. northerly from centerline of road.
	534				
		N45-00W	92	(28.0)	
	535				
		N70-03W	132	(40.2)	
	536				
		N61-36W	111	(33.8)	
	537				
		S85-14W	96	(29.3)	
	538				
		S81-48W	119	(36.3)	
	539				
		S73-51W	119	(36.3)	
	540				
		S64-07W	112	(34.1)	
	541				
		S59-35W	107	(32.6)	
	542				
		S37-24W	43	(13.1)	
	543				A point perpendicular to and 100 ft. northerly from the centerline of USFS road #2821 630.
		S62-16W	88	(26.8)	
	544				
		S54-28W	129	(39.3)	
	545				Ascend.
		S49-24W	74	(22.6)	
	546				
		S38-15W	66	(20.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3	547				
		S44-25W	69	(21.0)	Ascend.
	548				
		S29-59W	90	(27.4)	
	549				A point on a spur ridge. Elevation 4,800 ft.
		S30-44W	86	(26.2)	
	550				
		S15-39W	130	(39.6)	
	551				
		S20-43W	88	(26.8)	Along the 4,800 ft. contour.
	552				
		S16-57W	134	(40.8)	
	553				
		S14-02W	91	(27.7)	
	554				
		S23-21W	103	(31.4)	
	555				
		S23-58W	79	(24.1)	
	556				
		S17-21W	17	(5.2)	
	557				A point 10 ft. westerly of USFS trail #413. Elevation 4,800 ft.
		S23-58W	98	(29.9)	
	558				
		S27-42W	157	(47.9)	
	559				
		S12-13W	184	(56.1)	
	560				
		S20-38W	272	(82.9)	
	561				
		S14-54W	159	(48.5)	Paralleling USFS trail #413 10 ft. northwesterly from centerline of trail.
	562				
		S51-10W	99	(30.2)	
	563				
		S55-17W	186	(56.7)	
	564				
		S71-41W	150	(45.7)	
	565				
		S65-39W	289	(88.1)	
	566				
		N84-40W	119	(36.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3	567				
		N57-45W	122	(37.2)	
	568				
		N56-11W	128	(39.0)	
	569				
		N48-06W	157	(47.9)	
	570				
		N66-22W	70	(21.3)	
	571				Paralleling USFS trail #413, 10 ft. northwesterly from centerline of trail.
		N72-47W	105	(32.0)	
	572				
		N86-01W	158	(48.2)	
	573				
		S89-40W	172	(52.4)	
	574				
		N80-12W	170	(51.8)	
	575				
		N74-57W	150	(45.7)	
	576				
		N82-35W	147	(44.8)	
	577				
		S89-34W	132	(40.2)	
	578				
		N85-50W	96	(29.3)	
	579				
		S84-10W	88	(26.8)	
	580				
		S57-29W	108	(32.9)	
	581				
		S37-46W	140	(42.7)	
	582				
		S17-24W	174	(53.0)	
	583				
		S20-18W	135	(41.1)	
	584				
		S14-38W	138	(42.1)	
	585				
		S16-22W	202	(61.6)	
	586				
		S01-00W	189	(57.6)	
	587				
		S17-42W	197	(60.0)	
	588				
		S24-16W	280	(85.3)	
	589				
		S27-42W	202	(61.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3	590				
	591	S31-54W	274	(83.5)	
		S26-34W	179	(54.6)	
	592				
		S31-46W	222	(67.7)	
	593				
		S49-48W	169	(51.5)	
	594				
		S39-58W	137	(41.8)	
	595				
		S41-51W	219	(66.8)	
	596				Paralleling USFS trail #413 and trail #411, 10 ft. northwesterly from centerline.
		S51-24W	133	(40.5)	
	597				
		S51-08W	179	(54.6)	
	598				
		S37-52W	125	(38.1)	
	599				
		S33-46W	189	(57.6)	
	600				
		S36-17W	177	(53.9)	
	601				
		S43-24W	127	(38.7)	
	602				
		S39-28W	110	(33.5)	
	603				
		S50-21W	144	(43.9)	
	604				
		S47-20W	87	(26.5)	
	605				
		S63-39W	115	(35.1)	
	606				
		S69-20W	113	(34.4)	
	607				
		S79-18W	92	(28.0)	
	608				
		S01-00W	85	(25.9)	
	609				A point 10 ft. northwesterly of USFS trail #411, approximately 350 ft. westerly of an unnamed tributary of Gate Creek.
		S53-33W	138	(42.1)	Westerly.
610					

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. HOOD RIVER NW MAP NO. 3		S42-18W	150	(45.7)	
	611	S61-11W	160	(48.8)	Westerly.
	612	S59-16W	166	(50.6)	
	613	S61-26W	102	(31.1)	
	614	S76-31W	124	(37.8)	
	615	S84-17W	40	(12.2)	
	616				A point perpendicular to and 100 ft. northerly from the centerline of USFS road #2820.
		S78-26W	135	(41.1)	
	617	N89-30W	114	(34.7)	
	618	N90-00W	110	(33.5)	
BONNEVILLE DAM NE MAP NO. 2	619	S78-05W	92	(28.0)	Paralleling USFS roads #2820 and #2820 670, 100 ft. northwesterly from centerline of road.
	620	S69-35W	100	(30.5)	
	621	S67-10W	103	(31.4)	
	622	S52-57W	128	(39.0)	
	623	S43-28W	106	(32.3)	
	624	S50-43W	85	(25.9)	
	625	S34-10W	68	(20.7)	
	626	S72-45W	169	(51.5)	
	627	S68-15W	208	(63.4)	
	628	S65-41W	114	(34.7)	
	629	S59-53W	151	(46.0)	
	630	S53-49W	134	(40.8)	
	631				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2		S36-13W	88	(26.8)	
	632				
		S30-28W	99	(30.2)	
	633				
		S12-23W	168	(51.2)	
	634				
		S03-58W	289	(88.1)	Paralleling USFS roads #2820 and #2820 670, 100 ft. northwesterly from centerline of road.
	635				
		S00-44W	156	(47.5)	
	636				
		S14-16W	179	(54.6)	
	637				
		S12-07W	224	(68.3)	
	638				
		S19-39W	134	(40.8)	
	639				
		S29-45W	105	(32.0)	
	640				
		S45-29W	84	(25.6)	
	641				
		S56-51W	90	(27.4)	
	642				
		N77-28W	37	(11.3)	
	643				
		S61-40W	131	(39.9)	
	644				
		S75-02W	120	(36.6)	
	645				
		S76-07W	88	(26.8)	
	646				
		S45-42W	116	(35.4)	
	647				
		S15-25W	150	(45.7)	
	648				
		S16-42W	115	(35.1)	
	649				
		S22-40W	112	(34.1)	
	650				
		S21-28W	126	(38.4)	
	651				
		S38-27W	124	(37.8)	
	652				
		S31-18W	87	(26.5)	
	653				
		S78-53W	57	(17.4)	
	654				



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2		S52-46W	94	(28.7)	Paralleling USFS roads #2820 and 2820 670, 100 ft. northwesterly from centerline of road.
	655	S31-40W	70	(21.3)	
	656	S26-58W	64	(19.5)	
	657				A point 100 feet westerly from and perpendicular to the centerline of USFS road 2820 670 which is perpendicular to to and 10 ft. westerly from the centerline of USFS trail #409.
BONNEVILLE DAM SE MAP NO. 4	658	S20-52W	126	(38.4)	
	659	S07-04W	130	(39.6)	
	660	S07-48W	147	(44.8)	
	661	S07-17W	87	(26.5)	
	662	S33-11E	31	(9.4)	
	663	S13-33W	115	(35.1)	Paralleling USFS trail #409, 10 ft. westerly and northwesterly from the centerline of trail.
	664	S11-10W	165	(50.3)	
	665	S23-20W	119	(36.3)	
	666	S49-36W	159	(48.5)	
	667	S58-38W	144	(43.9)	
	668	S74-26W	127	(38.7)	
	669	S82-42W	165	(50.3)	
	670	N85-50W	110	(33.5)	
	671	N74-11W	187	(57.0)	
	672	N73-11W	145	(44.2)	
	673	N85-03W	104	(31.7)	
	674	S86-05W	146	(44.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	675	S54-23W	82	(25.0)	
	676	S33-34W	128	(39.0)	
	677	S41-04W	145	(44.2)	
	678	S17-42W	171	(52.1)	
	679	S20-29W	177	(53.9)	
	680	S16-08W	126	(38.4)	
	681	S39-39W	99	(30.2)	Paralleling USFS trail #409 10 ft. westerly and northwesterly from the centerline of trail.
	682	S37-52W	103	(31.4)	
	683	S29-17W	217	(66.1)	
	684	S31-51W	112	(34.1)	
	685	S33-46W	189	(57.6)	
	686	S28-14W	123	(37.5)	
	687	S23-12W	114	(34.7)	
	688	S25-41W	173	(52.7)	
	689	S23-53W	326	(99.4)	
	690	S23-15W	317	(96.6)	
	691	S18-39W	244	(74.4)	
	692	S13-23W	255	(77.7)	
	693	S11-05W	250	(76.2)	
	694	S12-39W	260	(79.2)	
	695	S12-09W	199	(60.7)	
	696	S11-31E	160	(48.8)	
	697	S31-53E	97	(29.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	698	S33-51E	102	(31.1)	
	699	S28-08E	146	(44.5)	
	700	S14-31E	116	(35.4)	
	701	S08-14E	77	(23.5)	
	702	S12-10W	119	(36.3)	
	703	S16-12W	186	(56.7)	
	704	S12-44W	277	(84.4)	Paralleling USFS trail #409 10 ft. westerly and northwesterly from the centerline of trail.
	705	S07-37W	249	(75.9)	
	706	S03-59W	172	(52.4)	
	707	S08-55W	174	(53.0)	
	708	S12-41W	164	(50.0)	
	709	S36-11W	83	(25.3)	
	710	S52-24W	143	(43.6)	
	711	S49-43W	198	(60.4)	
	712	S53-12W	179	(54.6)	
	713	S42-35W	134	(40.8)	
	714	S42-41W	140	(42.7)	
	715	S51-39W	85	(25.9)	
	716	S63-26W	72	(21.9)	
	717	S41-35W	190	(57.9)	
	718	S35-51W	191	(58.2)	
	719	S27-26W	208	(63.4)	
	720	S35-23W	224	(68.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S26-58W	187	(57.0)	
	721	S33-07W	168	(51.2)	
	722	S34-51W	96	(29.3)	
	723	S50-17W	230	(70.1)	
	724	S53-52W	170	(51.8)	
	725	S48-54W	228	(69.5)	
	726	S56-38W	147	(44.8)	Paralleling USFS trail #409 10 ft. westerly and northwesterly from the centerline of trail.
	727	S57-06W	142	(43.3)	
	728	S56-33W	67	(20.4)	
	729	S38-06W	112	(34.1)	
	730	S16-38W	283	(86.3)	
	731	S21-26W	145	(44.2)	
	732	S11-31W	110	(33.5)	
	733	S33-00W	116	(35.4)	
	734	S53-33W	109	(33.2)	
	735	S35-27W	145	(44.2)	
	736	S46-02W	117	(35.7)	
	737	S31-50W	171	(52.1)	
	738	S29-58W	158	(48.2)	
	739	S24-53W	107	(32.6)	
	740	S26-13W	149	(45.4)	
	741	S39-37W	121	(36.9)	
	742	S53-30W	153	(46.6)	
	743				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S83-20W	95	(29.0)	
	744	S48-08W	103	(31.4)	
	745	S69-00W	92	(28.0)	
	746	S72-21W	115	(35.1)	
	747	S62-34W	89	(27.1)	
	748	S46-14W	132	(40.2)	
	749	S43-13W	136	(41.5)	Paralleling USFS trail #409, 10 ft. westerly and northwesterly from the centerline of trail.
	750	S27-47W	148	(45.1)	
	751	S54-34W	136	(41.5)	
	752	S43-27W	183	(55.8)	
	753	S48-31W	196	(59.7)	
	754	S53-32W	143	(43.6)	
	755	S51-12W	184	(56.1)	
	756	S55-52W	146	(44.5)	
	757	S58-22W	147	(44.8)	
	758	S61-17W	131	(39.9)	
	759	S55-50W	102	(31.1)	
	760	S66-11W	121	(36.9)	
	761	S59-07W	119	(36.3)	
	762	S64-02W	43	(13.1)	
	763	S68-50W	66	(20.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	764			A point perpendicular to USFS trail #409 and 10 ft. northwesterly from the intersection of the centerlines of USFS trails #409 and #406-B at end of USFS road #1310 670.
		S57-51W	207 (63.1)	
	765	S65-38W	175 (53.3)	
	766	S65-30W	162 (49.4)	
	767	S56-06W	158 (48.2)	
	768	S66-34W	196 (59.7)	Paralleling USFS road #1310 670, 100 ft. northwesterly from centerline of road.
	769	S60-07W	146 (44.5)	
	770	S57-54W	181 (55.2)	
	771	S62-24W	123 (37.5)	
	772	S76-17W	177 (53.9)	
	773	S83-09W	159 (48.5)	
	774	N85-39W	92 (28.0)	
	775	N89-18W	162 (49.4)	
	776	S86-52W	128 (39.0)	
	777	S70-28W	99 (30.2)	
	778	S44-12W	102 (31.1)	
	779	S41-40W	122 (37.2)	
	780	S36-28W	143 (43.6)	
	781	S12-11W	90 (27.4)	
	782	S38-11W	95 (29.0)	
	783	S29-03W	175 (53.3)	
	784			

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S19-12W	119	(36.3)	
	785	S22-42W	106	(32.3)	
	786	S28-18W	103	(31.4)	
	787	S21-39W	73	(22.3)	
	788	S23-12W	129	(39.3)	
	789	S52-11W	85	(25.9)	
	790	S55-31W	101	(30.8)	Paralleling USFS road #1310 670, 100 ft. northwesterly from centerline of road.
	791	S70-43W	64	(19.5)	
	792	S55-29W	97	(29.6)	
	793	S70-10W	65	(19.8)	
	794	S36-41W	64	(19.5)	
	795	S12-06W	143	(43.6)	
	796	S00-31E	112	(34.1)	
	797	S02-16E	76	(23.2)	
	798	S24-44E	98	(29.9)	
	799	S46-00E	81	(24.7)	
	800	S48-54E	62	(18.9)	
	801	S68-31E	101	(30.8)	
	802	S65-46E	44	(13.4)	
	803	S68-30E	106	(32.3)	
	804	S01-00E	80	(24.4)	
	805	N79-48E	51	(15.5)	
	806	N70-29E	84	(25.6)	
	807				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		N63-26E	110	(33.5)	
	808	N73-31E	102	(31.1)	
	809	N65-11E	102	(31.1)	
	810	N65-44E	112	(34.1)	
	811	N55-03E	101	(30.8)	
	812	N58-38E	123	(37.5)	
	813	N51-46E	84	(25.6)	Paralleling USFS road #1310 670, 100 ft. northwesterly from centerline of road.
	814	N64-42E	101	(30.8)	
	815	N73-27E	270	(82.3)	
	816	N74-51E	149	(45.4)	
	817	N73-07E	117	(35.7)	
	818	S80-32E	73	(22.3)	
	819	S63-57E	98	(29.9)	
	820	S58-48E	83	(25.3)	
	821	S37-15E	89	(27.1)	
	822	S45-16E	155	(47.2)	
	823	S55-36E	158	(48.2)	
	824	S65-18E	206	(62.8)	
	825	S68-54E	183	(55.8)	
	826	S65-05E	171	(52.1)	
	827	S59-16E	166	(50.6)	
	828	S59-37E	154	(46.9)	
	829	S47-10E	131	(39.9)	
	830				



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	831	S60-00E	172	(52.4)	
	832	S50-01E	129	(39.3)	
	833	S41-20E	77	(23.5)	
	834	S30-41E	69	(21.0)	
	835	S19-53E	200	(61.0)	
	836	S24-06E	135	(41.1)	
	837	S11-19E	194	(59.1)	Paralleling USFS road #1310 670, 100 ft. northwesterly from centerline of road.
	838	S06-20E	136	(41.5)	
	839	S09-44W	178	(54.3)	
	840	S06-54W	183	(55.8)	
	841	S26-41W	205	(62.5)	
	842	S32-24W	136	(41.5)	
	843	S42-05W	139	(42.4)	
	844	S43-17W	213	(64.9)	
	845	S40-20W	278	(84.7)	
	846	S52-06W	177	(53.9)	
	847	S48-08W	168	(51.2)	
	848	S55-33W	147	(44.8)	
	849	S59-24W	159	(48.5)	
	850	S51-20W	141	(43.0)	
	851	S46-05W	112	(34.1)	
	852	S45-43W	113	(34.4)	
	853	S24-03W	71	(21.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S17-36W	172	(52.4)	
	854	S15-13W	141	(43.0)	
	855	S21-57W	150	(45.7)	
	856	S16-07W	133	(40.5)	
	857	S15-53W	142	(43.3)	
	858	S16-50W	159	(48.5)	
	859	S23-54W	106	(32.3)	Paralleling USFS road #1310 660, 100 ft. northwesterly from centerline of road.
	860	S16-18W	110	(33.5)	
	861	S16-32W	134	(40.8)	
	862	S49-55W	107	(32.6)	
	863	S43-49W	274	(83.5)	
	864	S52-45W	241	(73.5)	
	865	S22-31W	133	(40.5)	
	866	S29-19W	167	(50.9)	
	867	S45-00W	120	(36.6)	
	868	S26-47W	118	(36.0)	
	869	S16-40W	216	(65.8)	
	870	S32-48W	251	(76.5)	
	871	S10-28W	132	(40.2)	
	872	S05-59E	125	(38.1)	
	873	S03-11W	90	(27.4)	
	874	S16-16W	125	(38.1)	
	875	S21-08W	128	(39.0)	
	876				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S37-16W	147	(44.8)	
	877	S31-02W	138	(42.1)	
	878	S29-39W	158	(48.2)	
	879	S31-08W	118	(36.0)	
	880	S31-29W	151	(46.0)	
	881	S23-31W	210	(64.0)	
	882	S20-11W	145	(44.2)	Paralleling USFS road #1310 660, 100 ft. northwesterly from centerline of road.
	883	S24-09W	64	(19.5)	
	884	S19-34W	224	(68.3)	
	885	S42-32W	197	(60.0)	
	886	S37-52W	125	(38.1)	
	887	S44-26W	141	(43.0)	
	888	S54-01W	90	(27.4)	
	889	S67-08W	111	(33.8)	
	890	S67-30W	107	(32.6)	
	891	S73-04W	144	(43.9)	
	892	S56-11W	124	(37.8)	
	893	S40-58W	121	(36.9)	
	894	S32-58W	153	(46.6)	
	895	S48-55W	155	(47.2)	
	896	S45-40W	122	(37.2)	
	897	S49-26W	146	(44.5)	
	898	S52-07W	103	(31.4)	
	899				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S41-24W	101	(30.8)	
	900	S24-01W	111	(33.8)	
	901	S23-46W	146	(44.5)	Paralleling USFS road #1310 660, 100 ft. northwesterly from centerline of road.
	902	S25-10W	92	(28.0)	
	903	S35-05W	103	(31.4)	
	904	S51-52W	118	(36.0)	
	905	S43-20W	73	(22.3)	
	906	S52-03W	75	(22.9)	
	907				A point perpendicular to and 100 ft. northwesterly from the centerline of USFS road #1310 660.
		N30-27W	152	(46.3)	Northwesterly.
	908				A point perpendicular to and 10 ft. northwesterly from the centerline of USFS trail #2000.
	909	S85-10W	143	(43.6)	
	910	S61-18W	144	(43.9)	
	911	S73-46W	247	(75.3)	
	912	S69-33W	180	(54.9)	
	913	S01-00W	176	(53.6)	Paralleling USFS trail #2000 10 ft. northwesterly from the centerline of trail.
	914	S72-49W	203	(61.9)	
	915	S80-01W	161	(49.1)	
	916	S83-43W	101	(30.8)	
	917	S83-23W	113	(34.4)	
	918	S78-34W	171	(52.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S68-17W	132	(40.2)	
	919	S69-32W	223	(68.0)	
	920	S62-28W	186	(56.7)	
	921	S01-00W	120	(36.6)	
	922	S70-18W	228	(69.5)	
	923	S70-07W	138	(42.1)	
	924	S76-03W	158	(48.2)	Paralleling USFS trail #2000, 10 ft. northwesterly from the centerline of trail.
	925	S78-15W	182	(55.5)	
	926	S68-12W	124	(37.8)	
	927	S74-19W	237	(72.2)	
	928	S81-59W	266	(81.1)	
	929	S72-34W	234	(71.3)	
	930	S78-11W	176	(53.6)	
	931	S62-09W	139	(42.4)	
	932	S75-15W	157	(47.9)	
	933				A point perpendicular to and 10 ft. north from the centerline of USFS trail #2000.
		S72-58W	65	(19.8)	
	934	N80-14W	124	(37.8)	
	935	N01-00W	127	(38.7)	
	936	N72-04W	218	(66.4)	Traverse across drainage, northerly of Indian Springs Campground.
	937	S88-21W	104	(31.7)	
	938	S88-31W	116	(35.4)	
	939				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S62-41W	102	(31.1)	
	940	S52-40W	101	(30.8)	
	941	S47-13W	146	(44.5)	Traverse across drainage, northerly of Indian Springs Campground.
	942	S55-57W	134	(40.8)	
	943	S64-09W	108	(32.9)	
	944	S87-02W	58	(17.7)	
	945	N88-13W	64	(19.5)	
	946	N45-00W	14	(4.3)	
	947				A point perpendicular to and 10 ft. north from the centerline of USFS trail #2000 in a minor draw.
		N28-55W	77	(23.5)	
948		N45-40W	60	(18.3)	Paralleling USFS trail #2000, 10 ft. northwesterly from the centerline of trail.
949		N32-43W	179	(54.6)	
950		N40-34W	146	(44.5)	
951		N62-10W	101	(30.8)	
952		N63-56W	102	(31.1)	
953		N69-46W	101	(30.8)	
954		S80-13W	88	(26.8)	
955		S62-20W	93	(28.3)	
956		S25-05W	156	(47.5)	
957		S12-04W	268	(81.7)	
958		S13-49W	184	(56.1)	
959		S12-48W	180	(54.9)	
960					

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S13-51W	226	(68.9)	
	961	S15-57W	116	(35.4)	
	962	S01-47W	96	(29.3)	
	963	S05-43W	60	(18.3)	
	964	S21-27W	90	(27.4)	
	965	S15-13W	130	(39.6)	Paralleling USFS trail #2000, 10 ft. northwesterly from the centerline of trail.
	966	S18-05W	206	(62.8)	
	967	S22-32W	159	(48.5)	
	968	S19-26W	292	(89.0)	
	969	S22-02W	187	(57.0)	
	970	S25-49W	305	(93.0)	
	971	S18-59W	261	(79.6)	
	972	S19-34W	209	(63.7)	
	973	S20-29W	177	(53.9)	
	974	S08-37W	200	(61.0)	
	975	S03-56E	160	(48.8)	
	976	S07-35W	205	(62.5)	
	977	S12-10W	209	(63.7)	
	978	S13-22W	125	(38.1)	
	979	S13-26W	207	(63.1)	
	980	S15-57W	160	(48.8)	
	981	S19-17W	194	(59.1)	
	982	S18-46W	218	(66.4)	
	983				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S26-21W	243	(74.1)	
	984	S32-34W	227	(69.2)	
	985	S22-03W	290	(88.4)	
	986	S22-42W	298	(90.8)	
	987	S35-01W	192	(58.5)	
	988	S16-36W	277	(84.4)	
	989	S21-25W	274	(83.5)	Paralleling USFS trail #2000, 10 ft. westerly from the centerline of trail.
	990	S17-30W	173	(52.7)	
	991	S18-05W	206	(62.8)	
	992	S20-55W	168	(51.2)	
	993	S15-44W	114	(34.7)	
	994	S13-17W	148	(45.1)	
	995	S03-29W	82	(25.0)	
	996	S09-52W	70	(21.3)	
	997				A point perpendicular to USFS road #2030 100 ft. northerly from the centerline and 10 ft. westerly from the centerline of USFS trail #2000.
		S63-45W	81	(24.7)	
	998	S70-36W	226	(68.9)	
	999	S67-55W	229	(69.8)	Paralleling USFS road #2030, 100 ft. northwesterly from the centerline of the road.
1000		S74-03W	226	(68.9)	
1001		S70-10W	195	(59.4)	
1002		S61-27W	167	(50.9)	
1003		S46-37W	199	(60.7)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	1004				
		S47-21W	207	(63.1)	
	1005	S46-54W	234	(71.3)	
	1006	S42-25W	205	(62.5)	
	1007	S44-20W	122	(37.2)	
	1008	S31-20W	242	(73.8)	
	1009	S35-34W	186	(56.7)	
	1010	S37-57W	299	(91.1)	Paralleling USFS road #2030, 100 ft. northwesterly from the centerline of the road.
	1011	S45-00W	212	(64.6)	
	1012	S32-57W	213	(64.9)	
	1013	S40-33W	128	(39.0)	
	1014	S20-39W	139	(42.4)	
	1015	S21-48W	178	(54.3)	
	1016	S24-54W	93	(28.3)	
	1017	S22-50W	227	(69.2)	
	1018	S32-43W	196	(59.7)	
	1019	S33-55W	349	(106.4)	
	1020	S39-14W	253	(77.1)	
	1021	S41-16W	293	(89.3)	
	1022	S41-33W	106	(32.3)	
	1023	S49-15W	201	(61.3)	
	1024				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4		S53-14W	119	(36.3)	
	1025	S01-00W	230	(70.1)	
	1026	S25-33W	176	(53.6)	
	1027	S33-48W	138	(42.1)	
	1028	S23-46W	266	(81.1)	
	1029	S24-56W	204	(62.2)	
	1030	S14-56W	217	(66.1)	Paralleling USFS road #2030, 100 ft. northwesterly from the centerline of the road.
	1031	S16-46W	229	(69.8)	
	1032	S16-09W	158	(48.2)	
	1033	S14-27W	168	(51.2)	
	1034	S20-33W	188	(57.3)	
	1035	S21-26W	145	(44.2)	
	1036	S36-57W	151	(46.0)	
	1037	S45-42W	173	(52.7)	
	1038	S53-13W	139	(42.4)	
	1039	S56-50W	183	(55.8)	
	1040	S60-18W	147	(44.8)	
	1041	S63-02W	194	(59.1)	
	1042	S53-38W	113	(34.4)	
	1043	S38-28W	137	(41.8)	
	1044	S35-26W	119	(36.3)	
	1045	S37-08W	88	(26.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	1046			A point perpendicular to and 100 ft. northwesterly from the centerline of USFS road #2030 on the Willamette Base Line.
		N85-05W	373 (113.7)	
	1047			A point at the northwest corner of Section 5 T.1 S., R.8 E.
		S88-27W	1811 (552.0)	Along the Willamette Base Line.
	1048			A point on the Willamette Base Line perpendicular to and 100 ft. northeasterly from the centerline of USFS road #2030.
		N54-24W	108 (32.9)	
	1049			
		N45-16W	153 (46.6)	
	1050			
		N47-06W	213 (64.9)	Paralleling USFS road #2030, 100 ft. northerly from the centerline of road.
	1051			
		N34-17W	213 (64.9)	
	1052			
		N40-29W	225 (68.6)	
	1053			
		N34-21W	168 (51.2)	
	1054			
		N53-02W	111 (33.8)	
	1055			
		N69-27W	111 (33.8)	
	1056			
		N75-32W	160 (48.8)	
	1057			
		N63-53W	116 (35.4)	
BONNEVILLE DAM SW MAP NO. 5	1058			
		S49-36W	150 (45.7)	
	1059			
		S60-02W	158 (48.2)	
	1060			
		S58-50W	145 (44.2)	
	1061			
		S41-40W	122 (37.2)	
	1062			
		S23-24W	113 (34.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1063	S16-56W	120	(36.6)	
	1064	S06-58W	91	(27.7)	
	1065	S07-36W	61	(18.6)	
	1066	S01-34E	110	(33.5)	
	1067	S00-43E	80	(24.4)	Paralleling USFS road #2030, 100 ft. northerly from the centerline of road.
	1068	S13-43W	89	(27.1)	
	1069	S21-55W	88	(26.8)	
	1070	S21-53W	131	(39.9)	
	1071	S22-23W	92	(28.0)	
	1072	S17-26W	164	(50.0)	
	1073				A point perpendicular to and 100 ft. westerly from the centerline of USFS road #2030.
		N88-51W	5095	(1553.0)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1074				An angle point on the Willamette Base Line on the Boundary of the Bull Run Management Unit.
		N00-38W	5247	(1599.3)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1075				An angle point on the Boundary of the Bull Run Watershed Management Unit.
		N88-31W	2599	(792.2)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1076				An angle point on the Boundary of the Bull Run Watershed Management Unit.

QUAD SHEET NAME	ANGLE BEARING POINT	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	N00-40W	5291	(1612.7)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1077			An angle point on the Boundary of the Bull Run Watershed Management Unit.
	N88-31W	13194	(4021.5)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1078			An angle point on the Boundary of the Bull Run Watershed Management Unit.
	N00-28W	10563	(3219.6)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1079			An angle point on the Boundary of the Bull Run Watershed Management Unit.
	S87-09W	583	(177.7)	Along the Boundary common to the Bull Run Watershed Management Unit.
	1080			An angle point on the Boundary of the Bull Run Watershed Management Unit. Elevation 3,200 ft.
	N01-00W	202	(61.6)	
	1081			
	N17-58W	314	(95.7)	
	1082			
	N29-45W	298	(90.8)	
	1083			
	N08-24W	205	(62.5)	
	1084			
	N11-40E	124	(37.8)	Along the 3,200 ft. contour.
	1085			
	N06-23W	162	(49.4)	
	1086			
	N36-39W	107	(32.6)	
	1087			
	N00-00W	144	(43.9)	
	1088			
	N04-05E	84	(25.6)	
	1089			
	N19-09E	152	(46.3)	
	1090			
	N13-31E	107	(32.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1091				
DAM SW		N27-27E	145	(44.2)	
MAP NO. 5	1092	N31-14E	110	(33.5)	
	1093	N35-26E	119	(36.3)	
	1094	N37-06E	154	(46.9)	
	1095	N46-41E	96	(29.3)	
	1096	N81-33E	75	(22.9)	
	1097	N75-19E	106	(32.3)	Along the 3,200 ft. contour.
	1098	N84-17E	111	(33.8)	
	1099	N89-18E	82	(25.0)	
	1100	N88-09E	62	(18.9)	
	1101	S81-24E	87	(26.5)	
	1102	N77-40E	66	(20.1)	
	1103	N61-16E	119	(36.3)	
	1104	N32-12E	96	(29.3)	
	1105	N16-02E	98	(29.9)	
	1106	N12-41E	123	(37.5)	
	1107	N03-24E	118	(36.0)	
	1108	N01-12W	190	(57.9)	
	1109	N14-39W	91	(27.7)	
	1110	N26-24W	160	(48.8)	
	1111	N50-32W	88	(26.8)	
	1112	N54-34W	119	(36.3)	
	1113	N42-26W	47	(14.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1114				
		N10-56W	90	(27.4)	
	1115	N10-32E	175	(53.3)	
	1116	N18-50E	183	(55.8)	Along the 3,200 ft. contour.
	1117	N19-16E	282	(86.0)	
	1118	N07-51E	88	(26.8)	
	1119	N19-10E	125	(38.1)	
	1120	N24-44E	84	(25.6)	
	1121	N45-41E	59	(18.0)	
	1122	N40-31E	82	(25.0)	
	1123	N30-15E	56	(17.1)	
	1124				A point on a spur ridge. Elevation 3,200 ft.
		S72-11E	147	(44.8)	
	1125	S70-09E	218	(66.4)	
	1126	S66-57E	204	(62.2)	Descend spur ridge.
	1127	S71-18E	140	(42.7)	
	1128	S78-41E	143	(43.6)	
	1129	S80-01E	110	(33.5)	
	1130	S74-26E	145	(44.2)	
	1131	S87-28E	272	(82.9)	
	1132	S83-07E	150	(45.7)	
	1133	S81-21E	140	(42.7)	
	1134	S75-58E	120	(36.6)	
	1135				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MA PNO. 5	1136	S88-02E	146	(44.5)	
	1137	N87-52E	134	(40.8)	
	1138	N88-17E	100	(30.5)	
	1139	S85-24E	112	(34.1)	
	1140	S82-44E	103	(31.4)	
	1141	S56-53E	82	(25.0)	
	1142	S81-12E	85	(25.9)	Descend spur ridge.
	1143	S87-18E	106	(32.3)	
	1144	S80-32E	231	(70.4)	
	1145	S75-51E	229	(69.8)	
	1146	S74-34E	169	(51.5)	
	1147	S87-46E	128	(39.0)	
	1148	S78-08E	102	(31.1)	
	1149	S82-52E	121	(36.9)	
	1150	S71-22E	91	(27.7)	
		S83-07E	58	(17.7)	
	1151				A point on the west bank, at the ordinary high waterline of Tanner Creek, at toe of spur ridge.
	1152	N31-48E	269	(82.0)	
	1153	N23-03E	161	(49.1)	Descend along the ordinary high waterline of the west bank of Tanner Creek.
	1154	N19-01E	126	(38.4)	
	1155	N31-21E	129	(39.3)	
	1156	N62-56E	103	(31.4)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1157	N49-46E	85	(25.9)	
	1158	N18-12E	80	(24.4)	
	1159	N01-00W	149	(45.4)	
	1160	N12-22W	117	(35.7)	
	1161	N13-22W	125	(38.1)	
	1162	N16-04W	69	(21.0)	
	1163	N01-18E	88	(26.8)	Descend along the ordinary high waterline of the west bank of Tanner Creek.
	1164	N30-19E	137	(41.8)	
	1165	N38-45E	104	(31.7)	
	1166	N32-51E	57	(17.4)	
	1167	N10-35E	201	(61.3)	
	1168	N00-35E	98	(29.9)	
	1169	N12-35E	133	(40.5)	
	1170	N40-02E	98	(29.9)	
	1171	N47-57E	69	(21.0)	
	1172	N32-52E	77	(23.5)	
	1173	N04-39E	86	(26.2)	
	1174	N09-45W	100	(30.5)	
	1175	N15-07W	77	(23.5)	
	1176	N21-11W	86	(26.2)	
	1177	N07-17W	87	(26.5)	
	1178	N06-56W	75	(22.9)	
	1179	N05-12E	66	(20.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5		N08-00W	65	(19.8)	
	1180	N15-35W	153	(46.6)	
	1181	N15-28W	116	(35.4)	Descend along the ordinary high waterline of the west bank of Tanner Creek.
	1182	N20-53W	104	(31.7)	
	1183	N25-42W	118	(36.0)	
	1184	N17-54W	101	(30.8)	
	1185	N22-34W	96	(29.3)	
	1186				A point on the west bank at the ordinary high waterline of Tanner Creek and perpendicular to and 100 ft. southeasterly of the centerline of the powerline.
		N44-04E	568	(173.1)	Paralleling powerline 100 ft. southeasterly from the centerline of powerline.
	1187				A point perpendicular to and 100 ft. southeasterly from the centerline of powerline which is 100 ft. southwesterly from the end of USFS road #8400 027.
		S38-05E	94	(28.7)	Paralleling the end of USFS road 8400 027
	1188				A point perpendicular to and 100 ft. southeasterly from the centerline of USFS road #8400 027 which is 100 ft. southwesterly from the end of said road.
1189		N35-29E	107	(32.6)	Paralleling USFS road #8400 027 and #8400 777, 100 ft. easterly from the centerline of road.
1190		N47-38E	77	(23.5)	
1191		N60-43E	76	(23.2)	
		N73-04E	48	(14.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1192				
DAM SW		N63-49E	66	(20.1)	
MAP NO. 5	1193	N57-52E	102	(31.1)	
	1194	N75-30E	60	(18.3)	
	1195	N78-22E	104	(31.7)	
	1196	N83-09E	76	(23.2)	
	1197	N37-47E	152	(46.3)	
	1198	N26-14E	77	(23.5)	Paralleling USFS road #8400 777, 100 ft. easterly from the centerline of road.
	1199	N21-04E	131	(39.9)	
	1200	N17-37E	132	(40.2)	
	1201	N10-11E	130	(39.6)	
	1202	N10-32E	115	(35.1)	
	1203	N09-35E	162	(49.4)	
	1204	N02-36E	110	(33.5)	
	1205	N09-04W	95	(29.0)	
	1206	N13-29W	124	(37.8)	
	1207	N14-46W	114	(34.7)	
	1208	N08-13W	91	(27.7)	
	1209	N05-00W	80	(24.4)	
	1210	N07-16W	95	(29.0)	
	1211	N04-32W	63	(19.2)	
	1212	N07-50W	139	(42.4)	
	1213	N08-41E	73	(22.3)	
	1214	N04-27E	90	(27.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1215				
DAM SW		N01-13W	94	(28.7)	
MAP NO. 5	1216	N05-53W	68	(20.7)	
	1217	N00-57E	60	(18.3)	
	1218	N07-42W	75	(22.9)	
	1219	N02-27W	70	(21.3)	
	1220	N26-34E	49	(14.9)	
	1221	N81-04E	71	(21.6)	Paralleling USFS road #8400 777, 100 ft. easterly from the centerline of road.
	1222	S85-18E	134	(40.8)	
	1223	S77-18E	105	(32.0)	
	1224	S83-00E	107	(32.6)	
	1225	N86-33E	116	(35.4)	
	1226	N78-20E	94	(28.7)	
	1227	N85-21E	86	(26.2)	
	1228	N65-38E	58	(17.7)	
	1229	N32-48E	107	(32.6)	
	1230	N13-20E	100	(30.5)	
	1231	N06-08W	122	(37.2)	
	1232	N24-40W	108	(32.9)	
	1233	N45-44W	110	(33.5)	
	1234	N66-31W	133	(40.5)	
	1235	N61-19W	181	(55.2)	
	1236	N71-44W	112	(34.1)	
	1237	N62-01W	162	(49.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1238				
DAM SW		N62-14W	86	(26.2)	
MAP NO. 5	1239	N49-46W	119	(36.3)	
	1240	N41-49W	76	(23.2)	
	1241	N29-17W	94	(28.7)	
	1242	N11-11W	88	(26.8)	
	1243	N00-45E	76	(23.2)	Paralleling USFS road #8400 777, 100 ft. easterly from the centerline of road.
	1244	N27-12E	81	(24.7)	
	1245	N58-40E	54	(16.5)	
	1246	N58-20E	70	(21.3)	
	1247	N85-59E	128	(39.0)	
	1248	N72-26E	63	(19.2)	
	1249	N70-08E	88	(26.8)	
	1250	S89-28E	108	(32.9)	
	1251	N75-14E	114	(34.7)	
	1252	N75-17E	83	(25.3)	
	1253	N70-59E	126	(38.4)	
	1254	N57-52E	92	(28.0)	
	1255	N38-22E	92	(28.0)	
	1256	N21-42E	111	(33.8)	
	1257	N16-33E	77	(23.5)	
	1258	N06-25W	81	(24.7)	
	1259	N40-02W	98	(29.9)	
	1260	N59-09W	84	(25.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1261				
DAM SW		N68-35W	194	(59.1)	
MAP NO. 5	1262	N69-48W	185	(56.4)	
	1263	N69-38W	170	(51.8)	
	1264	N67-51W	93	(28.3)	
	1265	N23-32W	68	(20.7)	
	1266	N01-35W	72	(21.9)	
	1267	N08-39W	126	(38.4)	Paralleling USFS road #8400 777, 100 ft. easterly from the centerline of road.
	1268	N26-09W	125	(38.1)	
	1269	N30-58W	64	(19.5)	
	1270	N41-03W	82	(25.0)	
	1271	N51-05W	107	(32.6)	
	1272	N58-29W	124	(37.8)	
	1273	N67-27W	57	(17.4)	
	1274	N27-41W	69	(21.0)	
	1275	N11-29W	65	(19.8)	
	1276	N09-28E	73	(22.3)	
	1277	N13-44E	135	(41.1)	
	1278	N14-37E	95	(29.0)	
	1279	N09-42E	77	(23.5)	
	1280	N24-49W	102	(31.1)	
	1281	N54-53W	189	(57.6)	
	1282	N48-47W	225	(68.6)	
	1283	N40-53W	108	(32.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
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BONNEVILLE DAM SW MAP NO. 5	1284				
		N23-21W	103	(31.4)	
	1285				
		N26-34W	67	(20.4)	Paralleling USFS road #8400 777, 100 ft.
	1286				easterly from the centerline of road
		N06-35E	26	(7.9)	
	1287				
		N45-00E	6	(1.8)	
-----					
	1288				A point perpendicular to and 100 ft.
					easterly from the centerline of
					USFS road #8400 777, on spur ridge.
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		S79-24E	272	(82.9)	
	1289				
		S77-12E	338	(103.0)	
	1290				
		S62-41E	240	(73.2)	
	1291				
		S49-58E	196	(59.7)	
	1292				
		S63-26E	154	(46.9)	Ascend spur ridge.
	1293				
		S37-59E	93	(28.3)	
	1294				
		S63-49E	134	(40.8)	
	1295				
		N88-49E	146	(44.5)	
	1296				
		N87-55E	276	(84.1)	
	1297				
		N84-48E	221	(67.4)	
	1298				
		N88-22E	246	(75.0)	
	1299				
		N70-22E	152	(46.3)	
	1300				
		N82-52E	258	(78.6)	
	1301				
		N89-16E	78	(23.8)	
	1302				
		N72-19E	122	(37.2)	
	1303				
		N67-24E	174	(53.0)	
	1304				
		N72-24E	172	(52.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
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BONNEVILLE	1305				
DAM SW		N64-04E	121	(36.9)	
MAP NO. 5	1306	N74-37E	124	(37.8)	
	1307	S86-37E	391	(119.2)	
	1308	N86-32E	281	(85.6)	Ascend spur ridge.
	1309	N84-06E	272	(82.9)	
	1310	N89-22E	268	(81.7)	
	1311	S88-49E	146	(44.5)	
	1312	S88-58E	166	(50.6)	
-----					
	1313				A point perpendicular to and 10 ft. easterly from the centerline of USFS trail #407.
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		N07-06E	380	(115.8)	
	1314	N07-47E	281	(85.6)	
	1315	N01-06E	260	(79.2)	
	1316	N00-54E	254	(77.4)	Paralleling USFS trail #401, 10 ft.
	1317	N07-31E	184	(56.1)	easterly from the centerline of trail.
	1318	N07-47W	236	(71.9)	
	1319	N05-31W	270	(82.3)	
	1320	N03-40W	218	(66.4)	
	1321	N13-35W	187	(57.0)	
	1322	N12-50W	104	(31.7)	
	1323	N00-00W	52	(15.8)	
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	1324				A point on a spur ridge perpendicular to and 10 ft. easterly from the centerline of USFS trail #401.



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1325	N64-49E	240	(73.2)	
	1326	N74-41E	291	(88.7)	
	1327	N77-23E	275	(83.8)	
	1328	N71-55E	258	(78.6)	
	1329	N83-32E	293	(89.3)	
	1330	N77-58E	249	(75.9)	
	1331	N73-34E	308	(93.9)	Descend spur ridge.
	1332	N64-20E	201	(61.3)	
	1333	N51-43E	236	(71.9)	
	1334	N42-39E	173	(52.7)	
	1335	N36-24E	170	(51.8)	
	1336	N28-40E	183	(55.8)	
BONNEVILLE DAM NW MAP NO. 1	1337	N35-39E	170	(51.8)	
	1338	N25-48E	267	(81.4)	
	1339	N31-30E	291	(88.7)	
	1340	N22-50E	227	(69.2)	
	1341	N35-16E	301	(91.7)	
	1342	N46-50E	288	(87.8)	
	1343	N50-12E	250	(76.2)	
	1344	N57-11E	164	(50.0)	
	1345	N83-16E	128	(39.0)	
	1346	N77-28E	92	(28.0)	
	1347	S84-40E	119	(36.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NW MAP NO. 1	1348	S70-52E	52	(15.8)	Descend spur ridge.
					A point on spur ridge. Elevation 800 ft.
	1349	S25-30W	72	(21.9)	
	1350	S48-11W	76	(23.2)	
	1351	S07-30W	77	(23.5)	
	1352	S14-56W	109	(33.2)	
	1353	S08-50W	91	(27.7)	Along the 800 ft. contour.
	1354	S32-47W	70	(21.3)	
	1355	S06-01W	115	(35.1)	
	1356	S01-22E	84	(25.6)	
	1357	S24-27W	60	(18.3)	
	1358	S34-04W	86	(26.2)	
	1359	S15-15W	91	(27.7)	
	1360	S26-34E	56	(17.1)	
	1361	S01-41E	68	(20.7)	
	1362	S12-56W	76	(23.2)	
	1363	S21-15W	58	(17.7)	
	1364	S17-06W	68	(20.7)	
	1365	S02-56W	78	(23.8)	
	1366	S13-31E	81	(24.7)	
	1367	S72-42E	64	(19.5)	
	1368	N55-26E	109	(33.2)	
		N34-45E	151	(46.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
-----					
BONNEVILLE	1369				
DAM NW		N32-46E	103	(31.4)	
MAP NO. 1	1370	N30-45E	135	(41.1)	
	1371	N39-03E	157	(47.9)	
	1372	N43-40E	122	(37.2)	
	1373	N37-20E	74	(22.6)	
	1374	N45-29E	84	(25.6)	
	1375	N22-27E	131	(39.9)	Along the 800 ft. contour.
	1376	N33-21E	95	(29.0)	
	1377	N30-41E	69	(21.0)	
	1378	N26-21E	124	(37.8)	
	1379	N26-51E	89	(27.1)	
	1380	N46-30E	54	(16.5)	
	1381	N72-48E	44	(13.4)	
	1382	S61-30E	40	(12.2)	
	1383	S59-38E	81	(24.7)	
	1384	S54-28E	43	(13.1)	
	1385	N86-53E	110	(33.5)	
	1386	N78-55E	99	(30.2)	
	1387	S83-27E	88	(26.8)	
	1388	S47-15E	72	(21.9)	
	1389	S28-08E	115	(35.1)	
	1390	S44-05E	88	(26.8)	
	1391	S47-13E	128	(39.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1392				
DAM NW		S44-37E	105	(32.0)	
MAP NO. 1	1393	S50-34E	58	(17.7)	
	1394	S77-41E	145	(44.2)	
	1395	S68-31E	66	(20.1)	
	1396	S70-29E	135	(41.1)	
	1397	S69-56E	55	(16.8)	
	1398	S58-05E	62	(18.9)	Along the 800 ft. contour.
	1399	S40-20E	70	(21.3)	
	1400	S54-56E	127	(38.7)	
	1401	S51-30E	56	(17.1)	
	1402	S21-05E	103	(31.4)	
	1403	S00-00W	120	(36.6)	
	1404	S07-13E	80	(24.4)	
	1405	S08-20E	83	(25.3)	
	1406	S02-56E	78	(23.8)	
	1407	S10-00E	35	(10.7)	
	1408	S33-24E	56	(17.1)	
	1409	S84-30E	52	(15.8)	
	1410	N34-48E	72	(21.9)	
	1411	N36-52E	30	(9.1)	
	1412	N33-19E	42	(12.8)	
	1413	S88-25E	72	(21.9)	
	1414	S67-10E	41	(12.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NW MAP NO. 1	1415 1416 1417 1418 1419	S52-54E S36-40E S47-22E S52-16E S16-35W	51 59 86 67 49	(15.5) (18.0) (26.2) (20.4) (14.9)	
BONNEVILLE DAM SW MAP NO. 5	1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434	S23-30E S33-06E S24-41E S03-35E S00-42W S03-21E S38-11E S51-43E S14-44E S17-50E S31-20E S57-16E S49-07E S44-38E	176 377 285 176 162 154 167 121 161 121 135 150 89 333	(53.6) (114.9) (86.9) (53.6) (49.4) (46.9) (50.9) (36.9) (49.1) (36.9) (41.1) (45.7) (27.1) (101.5)	Along the 800 ft. contour.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE		S58-31E	151	(46.0)	
DAM SW	1435				
MAP NO. 5		S64-57E	102	(31.1)	
	1436				
		S36-39E	268	(81.7)	
	1437				
		S45-52E	185	(56.4)	
	1438				
		S51-03E	181	(55.2)	
	1439				
		S45-36E	136	(41.5)	
	1440				
		S34-40E	114	(34.7)	Along the 800 ft. contour.
	1441				
		S44-38E	108	(32.9)	
	1442				
		S04-51E	106	(32.3)	
	1443				
		S01-25W	122	(37.2)	
	1444				
		S33-53W	165	(50.3)	
	1445				
		S43-04W	126	(38.4)	
	1446				
		S47-08W	151	(46.0)	
	1447				
		S50-43W	128	(39.0)	
	1448				
		S53-03W	141	(43.0)	
	1449				
		S39-28W	66	(20.1)	
	1450				
		S20-17W	49	(14.9)	
	1451				
		S03-11E	36	(11.0)	
	1452				
		S63-26E	51	(15.5)	
	1453				
		N71-34E	82	(25.0)	
	1454				
		N68-42E	107	(32.6)	
	1455				
		N80-32E	55	(16.8)	
	1456				
		S76-19E	156	(47.5)	
	1457				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE		S47-55E	139	(42.4)	
DAM SW	1458				
MAP NO. 5		S54-23E	91	(27.7)	
	1459				
		S34-01E	48	(14.6)	
	1460				
		S06-55W	66	(20.1)	
	1461				
		S26-34W	47	(14.3)	
	1462				
		S23-45W	109	(33.2)	
	1463				
		S33-51W	95	(29.0)	Along the 800 ft. contour.
	1464				
		S33-41W	22	(6.7)	
	1465				
		S10-37W	49	(14.9)	
	1466				
		S46-51E	44	(13.4)	
	13417				
		S79-04E	90	(27.4)	
	1468				
		S82-41E	149	(45.4)	
	1469				
		S80-58E	153	(46.6)	
	1470				
		S66-58E	130	(39.6)	
	1471				
		S63-26E	87	(26.5)	
	1472				
		S41-13E	225	(68.6)	
	1473				
		S27-39E	166	(50.6)	
	1474				
		S30-11E	113	(34.4)	
	1475				
		S22-14E	124	(37.8)	
	1476				
		S29-32E	268	(81.7)	
	1477				
		S23-17E	164	(50.0)	
	1478				
		S32-59E	112	(34.1)	
	1479				
		S18-19E	153	(46.6)	
	1480				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE		S13-13E	171	(52.1)	
DAM SW	1481				
MAP NO. 5		S24-02E	91	(27.7)	
	1482				
		S00-23E	148	(45.1)	
	1483				
		S11-51W	63	(19.2)	
	1484				
		S17-58W	39	(11.9)	
	1485				
		S28-04E	51	(15.5)	
	1486				
		S60-29E	61	(18.6)	Along the 800 ft. contour.
	1487				
		N66-08E	57	(17.4)	
	1488				
		N45-37E	66	(20.1)	
	1489				
		N62-27E	52	(15.8)	
	1490				
		S89-17E	80	(24.4)	
	1491				
		S25-38E	55	(16.8)	
	1492				
		S41-44E	50	(15.2)	
	1493				
		S08-32W	101	(30.8)	
	1494				
		S27-15E	74	(22.6)	
	1495				
		S12-24E	51	(15.5)	
	1496				
		S47-52E	57	(17.4)	
	1497				
		S60-48E	117	(35.7)	
	1498				
		S51-16E	221	(67.4)	
	1499				
		S46-29E	164	(50.0)	
	1500				
		S36-17E	98	(29.9)	
	1501				
		S02-06W	82	(25.0)	
	1502				
		S19-50W	103	(31.4)	
	1503				



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1504	S03-22E	119	(36.3)	
	1505	S04-57W	186	(56.7)	
	1506	S00-24W	143	(43.6)	
	1507	S30-06E	102	(31.1)	
	1508	S33-03E	123	(37.5)	
	1509	S41-44E	99	(30.2)	
	1510	S34-42E	142	(43.3)	
	1511	S23-34E	145	(44.2)	Along the 800 ft. contour.
	1512	S30-43E	123	(37.5)	
	1513	S36-02E	95	(29.0)	
	1514	S31-32E	52	(15.8)	
	1515	S78-07E	39	(11.9)	
	1516	N72-11E	29	(8.8)	
	1517	S54-15E	62	(18.9)	
	1518	S44-32E	88	(26.8)	
	1519	S37-32E	103	(31.4)	
	1520	S27-32E	132	(40.2)	
	1521	S33-16E	38	(11.6)	
	1522	S00-50E	206	(62.8)	
	1523	S26-22E	133	(40.5)	
	1524	S00-00W	162	(49.4)	
	1525	S09-20E	142	(43.3)	
	1526	S16-57W	134	(40.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1527	S17-10W	142	(43.3)	
	1528	S39-21W	144	(43.9)	
	1529	S21-30W	71	(21.6)	
	1530	S35-04W	57	(17.4)	
	1531	S32-44W	67	(20.4)	
	1532	S01-00E	24	(7.3)	
	1533	S71-54E	55	(16.8)	Along the 800 ft. contour.
	1534	N73-37E	71	(21.6)	
	1535	N72-48E	44	(13.4)	
	1536	N65-44E	112	(34.1)	
	1537	N68-20E	79	(24.1)	
	1538	S86-13E	106	(32.3)	
	1539	S78-21E	134	(40.8)	
	1540	S64-50E	110	(33.5)	
	1541	S51-37E	98	(29.9)	
	1542	S28-30E	80	(24.4)	
	1543	S03-35W	80	(24.4)	
	1544	S08-32W	101	(30.8)	
	1545	S24-52W	121	(36.9)	
	1546	S16-29W	102	(31.1)	
	1547	S11-55W	111	(33.8)	
	1548	S11-55E	111	(33.8)	
	1549	S11-38E	69	(21.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5	1550	S21-58E	67	(20.4)	
		S46-51E	44	(13.4)	
		N46-02E	39	(11.9)	
		N34-42E	32	(9.8)	
		N34-37E	51	(15.5)	
		N79-09E	74	(22.6)	
		N32-49E	127	(38.7)	Along the 800 ft. contour.
BONNEVILLE DAM SE MAP NO. 4	1555	N33-30E	167	(50.9)	
	1557	N47-03E	198	(60.4)	
	1558	N60-50E	148	(45.1)	
	1559	N77-25E	133	(40.5)	
	1560	S81-17E	125	(38.1)	
	1561	S62-59E	112	(34.1)	
	1562	S45-46E	105	(32.0)	
	1563	S29-19E	84	(25.6)	
	1564	S19-00E	95	(29.0)	
	1565	S16-51E	148	(45.1)	
	1566	S22-19E	103	(31.4)	
	1567	S32-42E	113	(34.4)	
	1568	S20-54E	118	(36.0)	
	1569	S34-46E	103	(31.4)	
	1570	S37-14E	63	(19.2)	
	1571	S65-33E	133	(40.5)	
	1572				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	1573	S82-52E	40	(12.2)	
	1574	S75-27E	107	(32.6)	
	1575	S77-54E	129	(39.3)	
	1576	S70-48E	94	(28.7)	Along the 800 ft. contour.
	1577	S57-16E	83	(25.3)	
	1578	S61-46E	61	(18.6)	
	1579	S65-53E	73	(22.3)	
		S70-54E	28	(8.5)	
	1580				A point on a minor spur ridge. Elevation 800 ft.
	1581	S34-34E	90	(27.4)	
	1582	S07-42E	75	(22.9)	
	1583	S21-39E	68	(20.7)	
	1584	S48-45E	97	(29.6)	
	1585	S74-40E	64	(19.5)	
	1586	N76-49E	66	(20.1)	Traverse across Eagle Creek.
	1587	N06-03E	66	(20.1)	
	1588	N01-34E	110	(33.5)	
	1589	N01-00W	207	(63.1)	
	1590	N06-28W	160	(48.8)	
	1591	N08-00W	65	(19.8)	
	1592	N17-06W	54	(16.5)	
	1593	N48-05W	66	(20.1)	
		N68-54W	75	(22.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SE MAP NO. 4	1594				
		N77-22W	59	(18.0)	
	1595				
		N77-12W	68	(20.7)	
	1596				
		N39-21W	65	(19.8)	Along the 800 ft. contour.
	1597				
		N74-29W	56	(17.1)	
	1598				
		N60-39W	73	(22.3)	
	1599				
		N63-39W	119	(36.3)	
	1600				
		N65-06W	93	(28.3)	
	1601				
		N68-05W	94	(28.7)	
	1602				
		N51-56W	76	(23.2)	
	1603				
		N41-29W	92	(28.0)	
	1604				A point on the 800 ft. contour elevation.
		N40-05W	132	(40.2)	
	1605				
		N32-11W	137	(41.8)	
	1606				
		N24-43W	124	(37.8)	
	1607				
		N34-07W	112	(34.1)	
	1608				
		N43-57W	115	(35.1)	Along the 800 ft. contour.
	1609				
		N41-26W	148	(45.1)	
	1610				
		N45-00W	59	(18.0)	
	1611				
		N64-49W	129	(39.3)	
	1612				
		N54-41W	88	(26.8)	
	1613				
		N59-58W	126	(38.4)	
	1614				
		N54-22W	74	(22.6)	
	1615				
		N60-57W	93	(28.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
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BONNEVILLE DAM SE MAP NO. 4	1616				
		N59-54W	102	(31.1)	
	1617				
		N55-51W	105	(32.0)	
	1618				
		N59-02W	70	(21.3)	
	1619				
		N53-27W	106	(32.3)	
	1620				
		N52-44W	58	(17.7)	
	1621				
		S27-26W	117	(35.7)	
BONNEVILLE DAM SW MAP NO. 5	1622				
		N29-45W	81	(24.7)	Along the 800 ft. contour.
	1623				
		N38-53W	119	(36.3)	
	1624				
		N36-14W	200	(61.0)	
	1625				
		N31-28W	193	(58.8)	
	1626				
		N08-38W	160	(48.8)	
	1627				
		N19-47E	174	(53.0)	
	1628				
		N33-17E	118	(36.0)	
	1629				
		N09-05E	51	(15.5)	
	1630				
		N16-47W	66	(20.1)	
	1631				
		N55-18W	95	(29.0)	
	1632				
		N53-39W	66	(20.1)	
	1633				
		N60-15W	81	(24.7)	
	1634				
		N07-57W	217	(66.1)	
	1635				
		N30-17W	145	(44.2)	
	1636				
		N30-11W	113	(34.4)	
	1637				
		N21-48W	178	(54.3)	
	1638				
		N56-11W	120	(36.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
-----					
BONNEVILLE DAM SW MAP NO. 5	1639				
		N36-35W	82	(25.0)	
	1640				
		N29-07W	90	(27.4)	
	1641				
		N25-09W	235	(71.6)	
	1642				
		N31-04W	103	(31.4)	
	1643				
		N02-42E	106	(32.3)	
	1644				
		N12-18E	80	(24.4)	
	1645				
		N10-17E	185	(56.4)	Along the 800 ft. contour.
	1646				
		N21-11E	119	(36.3)	
	1647				
		N14-14E	138	(42.1)	
	1648				
		N07-49E	184	(56.1)	
	1649				
		N01-29E	116	(35.4)	
	1650				
		N70-44W	88	(26.8)	
	1651				
		N77-15W	86	(26.2)	
	1652				
		N80-32W	176	(53.6)	
	1653				
		N42-29W	129	(39.3)	
	1654				
		N34-48W	128	(39.0)	
	1655				
		N40-44W	95	(29.0)	
	1656				
		N30-24W	194	(59.1)	
	1657				
		N15-35W	108	(32.9)	
	1658				
		N26-03W	148	(45.1)	
	1659				
		N16-05W	170	(51.8)	
	1660				
		N21-05W	206	(62.8)	
	1661				
		N18-26W	92	(28.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1662				
DAM SW		N42-43W	71	(21.6)	
MAP NO. 5	1663	N49-43W	172	(52.4)	
	1664	N57-26W	98	(29.9)	
	1665	N10-27W	171	(52.1)	
	1666	N15-01W	127	(38.7)	
	1667	N35-38W	139	(42.4)	
	1668	N39-41W	114	(34.7)	Along the 800 ft. contour.
	1669	N32-12W	160	(48.8)	
	1670	N27-23W	93	(28.3)	
	1671	N21-24W	79	(24.1)	
	1672	N31-32W	140	(42.7)	
	1673	N39-27W	124	(37.8)	
	1674	N43-24W	76	(23.2)	
	1675	N19-29W	87	(26.5)	
	1676	N07-38W	83	(25.3)	
	1677	N16-19E	85	(25.9)	
	1678	N36-37E	136	(41.5)	
	1679	N59-54E	80	(24.4)	
	1680	N81-28E	101	(30.8)	
	1681				



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE		N77-02E	129	(39.3)	
DAM SW	1682				
MAP NO. 5		N81-36E	89	(27.1)	
	1683				
		S85-29E	114	(34.7)	
	1684				
		N87-41E	74	(22.6)	
	1685				
		N73-39E	78	(23.8)	
	1686				
		N52-22E	61	(18.6)	
	1687				
		N13-41E	80	(24.4)	Along the 800 ft. contour.
	1688				
		N15-15E	46	(14.0)	
	1689				
		N86-25E	80	(24.4)	
	1690				
		N78-01E	67	(20.4)	
	1691				
		N72-48E	44	(13.4)	
	1692				
		N76-30E	51	(15.5)	
	1693				
		N66-15E	82	(25.0)	
	1694				
		N50-50E	70	(21.3)	
	1695				
		N35-32E	34	(10.4)	
	1696				
		N07-58E	50	(15.2)	
	1697				
		S77-38W	117	(35.7)	
	1698				
		N87-45W	102	(31.1)	
	1699				
		S78-29W	105	(32.0)	
	1700				
		S73-31W	102	(31.1)	
	1701				
		S80-26W	168	(51.2)	
	1702				
		N55-59W	97	(29.6)	
	1703				
		N76-38W	147	(44.8)	
	1704				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5		N66-52W	239	(72.8)	
	1705	N61-38W	213	(64.9)	
	1706	N62-07W	175	(53.3)	
	1707	N47-19W	176	(53.6)	
	1708	N36-28W	143	(43.6)	
	1709	N26-24W	151	(46.0)	
	1710	N25-05W	139	(42.4)	Along the 800 ft. contour.
	1711	N49-02W	121	(36.9)	
	1712	N51-45W	108	(32.9)	
	1713	N33-47W	182	(55.5)	
	1714	N27-05W	99	(30.2)	
	1715	N19-06W	55	(16.8)	
	1716	N05-06W	158	(48.2)	
	1717	N53-34W	104	(31.7)	
	1718	N42-41W	105	(32.0)	
	1719	N33-30W	85	(25.9)	
	1720	N11-36W	114	(34.7)	
	1721	N33-12E	66	(20.1)	
	1722	N64-32E	116	(35.4)	
	1723	N71-46E	86	(26.2)	
	1724	N77-24E	96	(29.3)	
	1725	N61-49E	64	(19.5)	
	1726	N58-48E	83	(25.3)	
	1727				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM SW MAP NO. 5		N68-54E	75	(22.9)	
	1728				
		N38-17E	48	(14.6)	
	1729				
		N18-18E	131	(39.9)	
	1730				
		N19-49E	171	(52.1)	
	1731				
		N25-49E	69	(21.0)	
	1732				
		N01-41E	34	(10.4)	Along the 800 ft. contour.
	1733				
		N85-50W	96	(29.3)	
	1734				
		S69-12W	138	(42.1)	
	1735				
		S73-13W	142	(43.3)	
	1736				
		S77-25W	133	(40.5)	
	1737				
		N86-45W	88	(26.8)	
	1738				
		S87-50W	132	(40.2)	
	1739				
		N77-12W	68	(20.7)	
	1740				
		N82-06W	109	(33.2)	
	1741				
		N68-50W	152	(46.3)	
	1742				
		N52-41W	127	(38.7)	
	1743				
		N32-15W	122	(37.2)	
	1744				
		N09-04W	146	(44.5)	
	1745				
		N09-56E	122	(37.2)	
	1746				
		N11-26E	86	(26.2)	
	1747				
		N52-21E	44	(13.4)	
BONNEVILLE DAM NW MAP NO. 1	1748				
		N37-01E	76	(23.2)	
	1749				
		N59-10E	228	(69.5)	
	1750				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NW MAP NO. 1		N01-00E	132	(40.2)	
	1751	N57-49E	105	(32.0)	
	1752	N67-06E	77	(23.5)	
	1753	N60-28E	130	(39.6)	
	1754	N59-39E	95	(29.0)	
	1755	N49-39E	96	(29.3)	
	1756	N38-17E	73	(22.3)	Along the 800 ft. contour.
	1757	N26-34E	56	(17.1)	
	1758	N03-44E	46	(14.0)	
	1759	N28-31W	52	(15.8)	
	1760	N79-10W	48	(14.6)	
	1761	S81-15W	92	(28.0)	
	1762	N79-38W	156	(47.5)	
	1763	N89-01W	116	(35.4)	
	1764	S68-49W	119	(36.3)	
	1765	S86-40W	120	(36.6)	
	1766	S85-48W	109	(33.2)	
	1767	S80-32W	116	(35.4)	
	1768	S75-51W	114	(34.7)	
	1769	S86-54W	74	(22.6)	
	1770	N58-05W	62	(18.9)	
	1771	N35-32W	43	(13.1)	
	1772	N45-00W	25	(7.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
BONNEVILLE DAM NW MAP NO. 1	1773			A point on a spur ridge. Elevation 800 ft.
	1774	N63-58E	191 (58.2)	
	1775	N36-27E	242 (73.8)	
	1776	N37-09E	202 (61.6)	
	1777	N33-26E	123 (37.5)	
	1778	N51-41E	182 (55.5)	Ascend spur ridge.
	1779	N51-10E	217 (66.1)	
	1780	N55-32E	143 (43.6)	
	1781	N46-07E	144 (43.9)	
	1782	N54-06E	201 (61.3)	
	1783	N57-30E	173 (52.7)	
	1784	N57-05E	145 (44.2)	
	1785	N34-56E	166 (50.6)	
	1786	N29-50E	173 (52.7)	
	1787	N43-42E	124 (37.8)	
	1788	N36-35E	121 (36.9)	
	1789	N37-46E	90 (27.4)	
	1790	N42-22E	77 (23.5)	
	1791	N23-58E	118 (36.0)	
	1792	N18-36E	110 (33.5)	
	1793	N29-40E	91 (27.7)	
	1794	N23-51E	104 (31.7)	
		N18-26E	136 (41.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
-----					
BONNEVILLE DAM NW MAP NO. 1	1795				
		N23-40E	80	(24.4)	Ascend spur ridge.
	1796				
		N31-44E	114	(34.7)	
-----					
	1797				A point on a ridge at approximately 2,600 ft. elevation.
-----					
		N84-30E	188	(57.3)	
	1798				
		N84-16E	361	(110.0)	
	1799				
		N79-46E	467	(142.3)	Ascend ridge.
	1800				
		N85-53E	362	(110.3)	
	1801				
		N75-54E	406	(123.7)	
	1802				
		N78-41E	367	(111.9)	
	1803				
		N73-07E	258	(78.6)	
	1804				
		N78-04E	126	(38.4)	
BONNEVILLE DAM NE. MAP NO. 2	1805				
		N70-09E	409	(124.7)	
	1806				
		N70-20E	487	(148.4)	
	1807				
		N75-38E	375	(114.3)	
	1808				
		N82-56E	268	(81.7)	
	1809				
		S75-58E	87	(26.5)	
-----					
	1810				A point on a ridge. Elevation 3,600 ft.
-----					
		N35-18E	109	(33.2)	
	1811				
		N04-15E	203	(61.9)	Along the 3,600 ft. contour.
	1812				
		N05-49E	109	(33.2)	
	1813				
		N16-40E	153	(46.6)	
	1814				
		N32-58E	132	(40.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1815				
MAP NE		N56-59E	72	(21.9)	
MAP NO 2	1816	N71-13E	102	(31.1)	
	1817	S78-51E	67	(20.4)	
	1818	S67-52E	98	(29.9)	
	1819	S36-28E	86	(26.2)	
	1820	S66-17E	72	(21.9)	
	1821	N52-42E	53	(16.2)	Along the 3,600 ft. contour.
	1822	N02-21W	146	(44.5)	
	1823	N12-27W	158	(48.2)	
	1824	N39-13W	112	(34.1)	
	1825	N54-05W	107	(32.6)	
	1826	N79-53W	114	(34.7)	
	1827	N72-54W	150	(45.7)	
	1828	N48-47W	150	(45.7)	
	1829	N51-25W	114	(34.7)	
	1830	N30-53W	136	(41.5)	
	1831	N71-46W	86	(26.2)	
	1832	N63-37W	144	(43.9)	
	1833	N74-35W	120	(36.6)	
	1834	N80-02W	133	(40.5)	
	1835	N79-11W	69	(21.0)	
	1836	N67-23W	65	(19.8)	
	1837	N27-56E	75	(22.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1838				
DAM SE		N32-08E	133	(40.5)	
MAP NO. 2	1839	N27-10E	127	(38.7)	
	1840	N07-39E	135	(41.1)	
	1841	N11-24E	238	(72.5)	
	1842	N34-42E	111	(33.8)	
	1843	N43-15E	139	(42.4)	
	1844	N52-43E	84	(25.6)	Along the 3,600 ft. contour.
	1845	N09-54W	87	(26.5)	
	1846	N24-02E	81	(24.7)	
	1847	N34-51E	193	(58.8)	
	1848	N37-22E	208	(63.4)	
	1849	N37-24E	64	(19.5)	
	1850	S43-00E	122	(37.2)	
	1851	S25-05E	156	(47.5)	
	1852	S13-02E	195	(59.4)	
	1853	S14-51E	86	(26.2)	
	1854	S19-00E	95	(29.0)	
	1855	S08-12W	105	(32.0)	
	1856	S05-05E	181	(55.2)	
	1857	S31-03E	223	(68.0)	
	1858	S40-43E	208	(63.4)	
	1859	S45-00E	402	(122.5)	
	1860	S46-53E	279	(85.0)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1861				
DAM SE		S53-03E	399	(121.6)	
MAP NO.2	1862	S52-12E	356	(108.5)	
	1863	S51-34E	235	(71.6)	
	1864	S71-05E	191	(58.2)	
	1865	S75-17E	185	(56.4)	
	1866	S80-12E	164	(50.0)	
	1867	S84-40E	151	(46.0)	Along the 3,600 ft. contour.
	1868	S84-48E	133	(40.5)	
	1869	N17-25E	214	(65.2)	
	1870	N22-54E	252	(76.8)	
	1871	N28-11E	174	(53.0)	
	1872	N11-04E	234	(71.3)	
	1873	N13-12E	184	(56.1)	
	1874	N16-49W	100	(30.5)	
	1875	N38-13E	102	(31.1)	
	1876	N51-59E	110	(33.5)	
	1877	N80-56E	165	(50.3)	
	1878	N80-32E	170	(51.8)	
	1879	N88-35E	162	(49.4)	
	1880	N79-45E	96	(29.3)	
	1881	N20-13E	283	(86.3)	
	1882	N16-47E	319	(97.2)	
	1883	N21-40E	246	(75.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
-----					
BONNEVILLE DAM NE MAP NO. 2	1884				
		N09-01E	211	(64.3)	
	1885				
		N39-36E	105	(32.0)	
	1886				
		N56-08E	92	(28.0)	
	1887				
		N78-29E	270	(82.3)	
	1888				
		N70-27E	179	(54.6)	
	1889				
		S88-39E	212	(64.6)	
	1890				
		N83-03E	165	(50.3)	Along the 3,600 ft. contour.
	1891				
		N52-02E	156	(47.5)	
	1892				
		N32-33E	210	(64.0)	
	1893				
		N38-23E	159	(48.5)	
	1894				
		N43-51E	141	(43.0)	
	1895				
		N74-47E	118	(36.0)	
	1896				
		N72-21E	69	(21.0)	
	1897				
		S82-20E	105	(32.0)	
	1898				
		S75-21E	91	(27.7)	
	1899				
		S85-14E	84	(25.6)	
	1900				
		N57-06E	617	(188.1)	
	1901				
		N57-17E	146	(44.5)	
	1902				
		N45-54E	181	(55.2)	
	1903				
		N54-49E	170	(51.8)	
	1904				
		N87-04E	215	(65.5)	
	1905				
		N41-25E	227	(69.2)	
	1906				
		N22-40E	171	(52.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1907				
DAM NE		N23-47E	193	(58.8)	
MAP NO. 2	1908	N29-03E	93	(28.3)	
	1909	N10-09W	221	(67.4)	
	1910	N23-44W	154	(46.9)	
	1911	N11-34W	130	(39.6)	
	1912	N01-29W	116	(35.4)	
	1913	N00-18W	188	(57.3)	Along the 3,600 ft. contour.
	1914	N20-56W	232	(70.7)	
	1915	N27-03W	262	(79.9)	
	1916	N33-08W	145	(44.2)	
	1917	N22-46W	230	(70.1)	
	1918	N21-06W	258	(78.6)	
	1919	N27-19W	170	(51.8)	
	1920	N26-34W	105	(32.0)	
	1921	N16-36W	168	(51.2)	
	1922	N17-20W	148	(45.1)	
	1923	N26-59W	123	(37.5)	
	1924	N14-32W	84	(25.6)	
	1925	N44-25E	69	(21.0)	
	1926	S79-27E	104	(31.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1927				
DAM NE		S58-09E	121	(36.9)	
MAP NO. 2	1928				
		S47-48E	217	(66.1)	
	1929				
		S51-26E	176	(53.6)	
	1930				
		S79-05E	143	(43.6)	Along the 3,600 ft. contour.
	1931				
		S83-55E	151	(46.0)	
	1932				
		S87-40E	147	(44.8)	
	1933				
		N75-40E	137	(41.8)	
	1934				
		N68-45E	97	(29.6)	
	1935				
		N54-17E	110	(33.5)	
	1936				A point on a ridge. Elevation 3,600 ft.
		N07-59E	115	(35.1)	
	1937				
		N07-50E	162	(49.4)	
	1938				
		N09-45E	230	(70.1)	
	1939				
		N30-35E	185	(56.4)	
	1940				
		N00-44W	156	(47.5)	Descend along ridge.
	1941				
		N65-54W	42	(12.8)	
	1942				
		N36-29E	148	(45.1)	
	1943				
		N36-28E	229	(69.8)	
	1944				
		N30-44E	333	(101.5)	
	1945				
		N29-36E	186	(56.7)	
	1946				
		N23-12E	221	(67.4)	
	1947				
		N05-14E	121	(36.9)	
	1948				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE DAM NE MAP NO. 2		N36-25W	76	(23.2)	
	1949	N06-47W	42	(12.8)	
	1950	N48-46E	108	(32.9)	
	1951	N44-37E	214	(65.2)	
	1952	N37-36E	187	(57.0)	
	1953	N31-08E	174	(53.0)	
	1954	N20-36E	159	(48.5)	Descend along ridge.
	1955	N03-21E	222	(67.7)	
	1956	N03-02E	132	(40.2)	
	1957	N01-32W	150	(45.7)	
	1958	N00-39E	88	(26.8)	
	1959	N35-05E	320	(97.5)	
	1960	N38-48E	439	(133.8)	
	1961	N39-06E	206	(62.8)	
	1962	N34-01E	197	(60.0)	
	1963	N23-12E	129	(39.3)	
	1964				A point on the ridge. Elevation 2,480 ft.
		N79-55E	405	(123.4)	
	1965	S77-20E	264	(80.5)	
	1966	N86-19E	265	(80.8)	Descend
	1967	N75-54E	226	(68.9)	
	1968	S84-28E	290	(88.4)	
	1969	S86-09E	283	(86.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
BONNEVILLE	1970				
DAM NE		N89-50E	330	(100.6)	
MAP NO. 2	1971				
		N87-42E	424	(129.2)	Descend.
	1972				
		N83-02E	321	(97.8)	
	1973				A point in Herman Creek.
		N70-30E	273	(83.2)	
	1974				
		N89-08E	200	(61.0)	
	1975				
		N67-38E	226	(68.9)	
	1976				
		N71-07E	321	(97.8)	
	1977				
		N58-59E	179	(54.6)	Ascend spur ridge.
	1978				
		N59-17E	309	(94.2)	
	1979				
		N72-28E	282	(86.0)	
	1980				
		N60-43E	282	(86.0)	
	1981				
		N88-36E	164	(50.0)	
	1982				
		N80-23E	180	(54.9)	
	1983				
		N72-53E	207	(63.1)	
	1984				
		N47-02E	200	(61.0)	
	1985				
		N51-58E	326	(99.4)	
	1986				
		N50-15E	363	(110.6)	
	1987				
		N43-28E	265	(80.8)	
	1988				
		N39-35E	262	(79.9)	
	1989				
		N31-48E	397	(121.0)	
	1990				
		N25-52E	291	(88.7)	
	1991				
		N13-45E	198	(60.4)	

QUAD SHEET NAME	ANGLE BEARING POINT	DISTANCE FEET (METERS)		DESCRIPTION
-----				
BONNEVILLE 1992				
DAM NE	N04-17E	188	(57.3)	Ascend spur ridge.
MAP NO. 2	-----			
	1993			A point on the Nick Eaton Ridge.
	-----			
	N86-00E	416	(126.8)	
1994	N89-44E	438	(133.5)	Ascend along ridge.
1995	S88-04E	385	(117.3)	
	-----			
	1996			Point of beginning
	-----			