

WONDER MOUNTAIN WILDERNESS

Olympic National Forest

I hereby certify that the legal boundary description and map herewith represent the location of the boundary of the Wonder Mountain Wilderness on the Olympic National Forest as entered into the National Wilderness Preservation System by the Act of July 3, 1984.

Signed

3/27/87
(Date)

John R. Torrence
JAMES F. TORRENCE
Regional Forester

Definition of Intent

The legal description of the Wonder Mountain 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 98-339. 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 Wonder Mountain 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.

WONDER MOUNTAIN WILDERNESS BOUNDARY DESCRIPTION

All bearings and distances shown in the following description are based on the Washington 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.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
MT. STEEL S.W. Map No. 1	1			A point on the Olympic National Park boundary, on a ridge between Four Stream and Five Stream, Latitude 41-31-15.17 North, Longitude 123-22-49.99 West. Washington Grid, North Zone Coordinates X=1,370,701 Y=200,417.
	2	S45-19W	259 (78.9)	
	3	S39-23W	318 (96.9)	
	4	S51-49W	453 (138.1)	
	5	S40-10W	344 (104.9)	Along ridge top
	6	S52-41W	254 (77.4)	
	7	S32-29W	238 (72.5)	
	8	S49-39W	383 (116.7)	
	9	S65-32W	478 (145.7)	
	10	S49-56W	197 (60.0)	
		S37-11W	146 (44.5)	
	11			A point on the ridge, approximate elevation 3600 ft.
		S21-22W	217 (66.1)	Along ridge top

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. STEEL S.W. Map No. 1	12				
		S19-31W	434	(132.3)	
	13				
		S40-32W	272	(82.9)	
	14				
		S55-18W	237	(72.2)	
	15				
		S71-34W	310	(94.5)	
	16				
		S82-15W	408	(124.4)	Along ridge top
	17				
		S90-00W	610	(185.9)	
	18				
		S86-28W	697	(212.4)	
	19				
		N87-41W	248	(75.6)	
	20				
		S62-35W	150	(45.7)	
	21				
		S38-31W	125	(38.1)	
	22				
		S19-12W	119	(36.3)	
	23				
		S03-42W	248	(75.6)	
	24				
		S23-51W	302	(92.0)	

	25	A point on the ridge, approximate elevation 4,100 ft.			

		S32-37W	250	(76.2)	
26					
		S19-38W	137	(41.8)	
27					
		S05-37E	296	(90.2)	
28					
		S18-58E	271	(82.6)	
29					
		S24-14E	241	(73.5)	Along ridge top
30					
		S03-30E	245	(74.7)	
31					
		S02-07E	270	(82.3)	
32					
		S20-44W	229	(69.8)	
33					
		S60-57W	350	(106.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. STEEL S.W. Map No. 1	34	S53-55W	511	(155.8)	Along ridge top
	35				A point on the ridge between Four Stream and Five Stream approximate elevation 4,500 ft.
		S82-59W	123	(37.5)	
	36	N87-32W	394	(120.1)	
	37	S48-05W	184	(56.1)	
	38	S28-25W	166	(50.6)	
	39	S53-23W	228	(69.5)	
	40	S64-18W	178	(54.3)	
	41	S84-06W	156	(47.5)	Along ridge top
	42	N76-03W	352	(107.3)	
	43	N67-22W	359	(109.4)	
	44	N56-35W	236	(71.9)	
	45	N82-58W	163	(49.7)	
	46	S64-33W	254	(77.4)	
	47	S56-57W	198	(60.4)	
	48	S65-35W	167	(50.9)	
	49	S60-24W	186	(56.7)	
	50	S44-13W	205	(62.5)	
	51	S30-04W	176	(53.6)	
	52	S19-10W	149	(45.4)	
	53	S01-00W	122	(37.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. TEBO N.W. Map No. 2	54				
		S17-12W	44	(13.4)	
	55				
		S54-44W	121	(36.9)	
	56				
		S37-49W	96	(29.3)	Along ridge top
	57				
		S64-04W	284	(86.6)	
	58				
		S69-53W	279	(85.0)	
	59				
		S56-19W	314	(95.7)	
	60				
		S39-16W	205	(62.5)	
	61				
		S22-23W	239	(72.8)	
	62				A point on the ridge, approximate elevation 4,800 ft..
		S55-11W	140	(42.7)	
	63				
		N76-03W	158	(48.2)	
	64				
		S84-17W	131	(39.9)	
	65				
		N37-43W	123	(37.5)	Along ridge top
	66				
		N59-29W	195	(59.4)	
	67				
		N68-43W	165	(50.3)	
	68				
		N29-11W	215	(65.5)	
	69				
		N62-50W	302	(92.0)	
	70				
		N70-39W	359	(109.4)	
	71				
		S85-43W	107	(32.6)	
	72				
		N83-05W	315	(96.0)	
	73				
		N77-02W	379	(115.5)	
	74				
		N59-14W	196	(59.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. TEBO N.W. Map No. 2	75				
		N50-21W	227	(69.2)	
	76				
		N30-50W	72	(21.9)	
	77				
		N52-26W	33	(10.1)	Along ridge top
MT. STEEL S.W. Map No. 1	78				
		N47-12W	184	(56.1)	
	79				
		N65-50W	139	(42.4)	
	80				
		N78-53W	223	(68.0)	
	81				
		N58-19W	95	(29.0)	
	82				Wonder Mountain, elevation 4,758 ft.
		N50-06W	159	(48.5)	
	83				
		N39-35W	308	(93.9)	
	84				
		N06-52W	243	(74.1)	Along ridge top
	85				
		N07-45W	215	(65.5)	
	86				
		N20-31W	157	(47.9)	
	87				
		N48-58W	143	(43.6)	
	88				
		N50-12W	133	(40.5)	
	89				
		N21-56W	570	(173.7)	
	90				
		N22-56W	439	(133.8)	
	91				
		N44-34W	373	(113.7)	
	92				A point on the ridge, approximate elevation 4,500 ft.
		N84-19W	262	(79.9)	
	93				
		00-00W	211	(64.3)	Along ridge top
	94				
		N77-48W	204	(62.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. STEEL S.W. Map No. 1	95				
		N76-26W	149	(45.4)	
	96				
		N25-03W	288	(87.8)	
	97				
		N24-56W	268	(81.7)	Along ridge top
	98				
		N38-45W	292	(89.0)	
	99				
		N42-06W	294	(89.6)	
	100				
		N33-26W	247	(75.3)	
	101				
		N43-28W	185	(56.4)	
	102				
		N77-19W	155	(47.2)	
	103				
		S86-34W	267	(81.4)	
	104				A point on the ridge, elevation 4,666 ft.
		S83-24W	191	(58.2)	
105					
		N77-28W	157	(47.9)	
106					
		N53-02W	486	(148.1)	
107					
		N59-34W	424	(129.2)	
108					
		N41-08W	94	(28.7)	
109					
		N08-32E	142	(43.3)	
110					
		N02-53E	496	(151.2)	
111					
		N17-32W	159	(48.5)	Along ridge top
112					
		N48-21W	218	(66.4)	
113					
		N28-38W	298	(90.8)	
114					
		N09-19W	204	(62.2)	
115					
		N45-47W	205	(62.5)	
116					
		N57-42W	228	(69.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MT. STEEL S.W. Map No. 1	117				
		N72-31W	246	(75.0)	
	118				
		N75-31W	312	(95.1)	
	119				
		N53-55W	424	(129.2)	Along ridge top
	120				
		N48-35W	283	(86.3)	
	121				
		N61-12W	367	(111.9)	
	122				
		N68-08W	354	(107.9)	
	123				
		N69-12W	191	(58.2)	
	124				
		N86-20W	234	(71.3)	
	125				A point on the ridge, elevation 4,851 ft.
		N10-22E	178	(54.3)	
	126				
		N02-50W	303	(92.4)	Along ridge top
	127				
		N07-25W	225	(68.6)	
	128				A point on the Olympic National Park boundary on the ridge between Snowfield Creek and Five Stream, approximate elevation 4,520 ft.
		S87-38E	2013	(613.6)	
	129				
		S88-02E	5263	(1604.2)	
	130				Along Olympic National Park boundary
		S87-53E	5350	(1630.7)	
	131				
		S88-04E	5345	(1629.2)	
	132				
		S88-03E	3447	(1050.6)	
	1				Point of beginning