Major Peaks of the Cascades & Olympics

Fraser River -- Nicola River
to
Columbia River

Featuring the

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

Mesahchie Peak as seen from Kitling Peak

Jim Brisbine

▲

2018

Major Peaks of the Cascades & Olympics

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

— SYNOPSIS —

Criteria for evaluating the status of a peak:

1. **Elevation** — height of the summit above sea level; traditionally, the most fundamental measure of a peak.
2. **Projection** — height of the summit above surrounding peaks and ridges; defines a peak's topographic *dominance* over its neighbors.
3. **Prominence** — height of the summit above the saddle that separates it from the nearest higher peak; defines a peak's topographic *independence* from its neighbors.
4. **Isolation** — horizontal distance between a summit and the nearest higher peak; defines a peak's topographic *separation* from its neighbors.
5. **Visual Appeal** — refers to a peak's overall alpine appearance, which is enhanced by features such as hanging glaciers, ragged arêtes, sheer faces, and summit horns.
6. **Classic Status** — refers to a peak's emotional appeal, cachet, or mystique, as established through climbing literature and campfire lore.

The resulting categories and groups:

- ▲ **Special Groups** — Five groups containing first-ballot selections (with some overlap) that are rich in specific attributes. These 38 peaks comprise the cream of the crop.
  - *Regal Six* — dominating mountain monarchs of the Cascades and Olympics.
  - *Landmark Twelve* — topographic landmarks; grand sentinels of the Cascades.
  - *Super Eight* — smaller peaks with great projection, visual appeal, and classic status.
  - *Big Ten* — all of the region's 9000-foot non-volcanic peaks.
  - *Tall Twelve* — all of the region's 8900- and 8800-foot non-volcanic peaks.

- ▲ **Geographic Groups** — Thirty-four groups that represent the principal mountainous regions of the Washington Cascades, Canadian Cascades, and Olympics, extending from the Coquilhalla Mountains in the far north to the Goat Rocks in the far south. All together, these alluring "alpine constellations" contain 201 peaks.

- ▲ **Wild-Card Groups** — Two groups containing a total of 15 alpine gems that just didn't fit into any of the aforementioned Special Groups or Geographic Groups.
  - *Outlier Twelve* — worthy mountains that stand aloof from all the other groups.
  - *Satellite Three* — notable peaks located on the flanks of major strato-volcanos.

Total = 222 mountain-peaks

- ▲ ***Plus…*Major Alpine Crags** — 32 alpine crag-peaks with exceptional visual appeal and/or classic status.

— JMB: 11/2017

Major Peaks of the Cascades & Olympics

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— SPECIAL GROUPS: Outstanding First-Ballot Selections —

[mountain monarchs]

The Regal Six ▲

☐ Mt. Baker	10,781T
☐ Glacier Peak	10,541x
☐ Mt. Rainier	14,411N
☐ Mt. Adams	12,276T
☐ Mt. St. Helens	8365T
☐ Mt. Olympus	7969T

[mountain lords / topographic sentinels]

The Landmark Twelve ▲

☐ Silvertip Mountain	8517P
☐ Mt. Redoubt	8969T
☐ Mt. Shuksan	9131T
☐ Jack Mountain	9066T
☐ Eldorado Peak	8868T
☐ Mt. Goode	9200+
☐ Black Peak	8970T
☐ Silver Star Mountain	8876T
☐ Dome Peak	8920+
☐ Bonanza Peak	9511T
☐ Sloan Peak	7835T
☐ Mt. Stuart	9415T

[outstanding smaller peaks]

The Super Eight ▲

☐ Slesse Mountain	8002x
☐ American Border Peak	7994T
☐ North Hozomeen Peak	8066T
☐ South Hozomeen Peak	8003T
☐ Mt. Triumph	7270x
☐ Agnes Mountain	8115T
☐ Whitehorse Mountain	6852x
☐ Chimney Rock	7727x

[non-volcanic 9000-foot peaks]

The Big Ten ▲

☐ Bonanza Peak	9511T
☐ Mt. Stuart	9415T
☐ Mt. Fernow	9249T
☐ Mt. Goode	9200+
☐ Mt. Shuksan	9131T
☐ Mt. Buckner	9114G
☐ Seven-Fingered Jack	9100T
☐ Mt. Logan	9087T
☐ Mt. Maude	9082x
☐ Jack Mountain	9066T

[non-volcanic 8900- & 8800-foot peaks]

The Tall Twelve ▲

☐ Mt. Spickard	8979T
☐ Black Peak	8970T
☐ Mt. Redoubt	8969T
☐ Copper Peak	8964T
☐ North Gardner Mountain	8956T
☐ Dome Peak	8920+
☐ Gardner Mountain	8898T
☐ Boston Peak	8894T
☐ Silver Star Mountain	8876T
☐ Eldorado Peak	8868T
☐ Dragontail Peak	8840+
☐ Forbidden Peak	8815T

[🔥 Big & Tall Peaks in these 2 groups! 🔥]

[☛ Top Shelf Peaks in those 3 groups!]

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Major Peaks of the Cascades & Olympics

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

— GEOGRAPHIC GROUPS: Alpine Constellations —

The Thunder Eight ▲

☐ Eldorado Peak**	8868T
☐ Forbidden Peak	8815T
☐ Boston Peak	8894T
☐ Sahale Peak	8680+
☐ Mt. Buckner	9114G
☐ Mt. Logan	9087T
☐ Storm King Mountain	8520+
☐ Mt. Goode**	9200+

The Upper Methow Six ▲

☐ Mt. Ballard	8340E
☐ Azurite Peak	8400+
☐ Golden Horn	8366T
☐ Tower Mountain	8444T
☐ Mt. Hardy	8080+
☐ Cutthroat Peak	8050T

The Entiat Five ▲

☐ Copper Peak	8964T
☐ Mt. Fernow	9249T
☐ Seven-Fingered Jack	9100T
☐ Mt. Maude	9082x
☐ South Spectacle Butte	8392T

The Suiattle Five ▲

☐ Mt. Chaval	7127T
☐ Snowking Mountain	7433T
☐ Mt. Buckindy	7320+
☐ Mt. Misch	7435T
☐ Mt. Bruseth	7220T

The Icicle Eight ▲

☐ Mt. Stuart**	9415T
☐ Sherpa Peak	8605T
☐ Argonaut Peak	8453T
☐ Colchuck Peak	8705T
☐ Dragontail Peak	8840+
☐ McClellan Peak	8364T
☐ Cannon Mountain	8638T
☐ Cashmere Mountain	8501T

The Lower Skagit Five ▲

☐ Bacon Peak	7061T
☐ Mt. Hagan	7080+
☐ Mt. Blum	7680T
☐ Mt. Despair	7292T
☐ Mt. Triumph*	7270x

The Skykomish Three ▲

☐ Mt. Baring	6125T
☐ Gunn Peak	6240T
☐ Spire Mountain	6213T

The Canadian Chilliwack Three ▲

☐ Slesse Mountain*	8002x
☐ Mt. Rexford	7641T
☐ Mt. Lindeman	7578T

The Chiwaukum Two ▲

☐ Big Chiwaukum Peak	8081T
☐ Snowgrass Mountain	7993T

** also included in *Landmark Twelve* group * also included in *Super Eight* group — *JMB: 11/2017*

Major Peaks of the Cascades & Olympics

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

— GEOGRAPHIC GROUPS: Alpine Constellations —

The Olympic Thirteen ▲

☐ Mt. Carrie	6995T
☐ Mt. Meany	6695T
☐ Mt. Christie	6177T
☐ Mt. Anderson: west peak	7365T
☐ Mt. Anderson: east peak	7321T
☐ Mt. Angeles	6454T
☐ Mt. Deception	7788T
☐ Mt. Mystery	7639T
☐ Mt. Constance: inner peak	7667T
☐ Mt. Constance: outer peak	7756T
☐ The Brothers: south peak	6842T
☐ Mt. Stone	6612T
☐ Mt. Washington	6255T

The Monte Cristo Seven ▲

☐ Del Campo Peak	6610T
☐ Columbia Peak	7172T
☐ Kyes Peak	7280+
☐ Monte Cristo Peak	7136T
☐ Cadet Peak	7186T
☐ Foggy Peak	6810T
☐ South Gemini Peak	6799T

The Upper Skagit Five ▲

☐ North Hozomeen Peak*	8066T
☐ South Hozomeen Peak*	8003T
☐ Castle Peak	8306T
☐ Jack Mountain**	9066T
☐ Crater Mountain	8128T

The Pasayten Eleven ▲

☐ Ptarmigan Peak	8614T
☐ Osceola Peak	8587T
☐ Mt. Carru	8595T
☐ Mt. Lago	8745T
☐ Lost Peak	8464T
☐ Blackcap Mountain	8397T
☐ Monument Peak	8592T
☐ Lake Mountain	8371T
☐ Robinson Mountain	8726T
☐ West Craggy Peak	8366T
☐ Big Craggy Peak	8470T

The Stehekin Seven ▲

☐ Bonanza Peak**	9511T
☐ Martin Peak	8511T
☐ Wy'East Mountain	8280+
☐ Devore Peak	8360+
☐ Tupshin Peak	8320+
☐ Main Riddle Peak	8232x
☐ Flora Mountain	8320T

The Sauk Seven ▲

☐ Whitehorse Mountain*	6852x
☐ Three Fingers: north peak	6870E
☐ Three Fingers: south peak	6850T
☐ White Chuck Mountain	6989T
☐ Mt. Pugh	7201T
☐ Sloan Peak**	7835T
☐ Black Mountain	7262T

** also included in *Landmark Twelve* group * also included in *Super Eight* group — *JMB: 11/2017*

Major Peaks of the Cascades & Olympics

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

— GEOGRAPHIC GROUPS: Alpine Constellations —

The Picket Twelve ▲

☐ Mt. Challenger	8207T
☐ Crooked Thumb	8124T
☐ Phantom Peak	8045x
☐ Mt. Fury: west peak	8305G
☐ Mt. Fury: east peak	8356G
☐ Luna Peak	8311T
☐ West Twin Needle	7936T
☐ Mt. Terror	8151T
☐ Mt. Degenhardt	8000+
☐ Inspiration Peak	7880+
☐ West McMillan Spire	8000+
☐ East McMillan Spire	7992T

The Sawtooth Six ▲

☐ Reynolds Peak	8512T
☐ Oval Peak	8795T
☐ Star Peak	8690T
☐ Corax Peak	8572T
☐ Mt. Bigelow	8440+
☐ Martin Peak	8375T

The Cheam Six ▲

☐ Cheam Peak	6929T
☐ Lady Peak	7182T
☐ Baby Munday Peak	7382P
☐ Stewart Peak	7343P
☐ Welch Peak	7999T
☐ Foley Peak	7572T

The Snoqualmie Twelve ▲

☐ Mt. Daniel	7986x
☐ Mt. Hinman	7492T
☐ Bears Breast Mountain	7197T
☐ Summit Chief Mountain	7464T
☐ Chimney Rock*	7727x
☐ Lemah Mountain	7480+
☐ Chikamin Peak	7000+
☐ Three Queens: main peak	6687T
☐ Hibox Peak	6547T
☐ Mt. Thomson	6554T
☐ Chair Peak	6238T
☐ Kaleetan Peak	6259T

The McAllister Five ▲

☐ Colonial Peak	7771T
☐ Snowfield Peak	8347T
☐ Primus Peak	8508T
☐ Austera Peak	8334T
☐ Klawatti Peak	8485T

The Similkameen Three ▲

☐ Mt. Grimface	8645P
☐ Cathedral Peak	8601T
☐ Remmel Mountain	8685T

The Mazama Three ▲

☐ Silver Star Mountain**	8876T
☐ North Gardner Mountain	8956T
☐ Gardner Mountain	8898T

** also included in *Landmark Twelve* group * also included in *Super Eight* group — *JMB: 11/2017*

Major Peaks of the Cascades & Olympics

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

— GEOGRAPHIC GROUPS: Alpine Constellations —

The Ptarmigan Pten ▲

☐ Johannesburg Mountain	8200+
☐ Mt. Formidable	8325T
☐ Spider Mountain	8300E
☐ Sentinel Peak	8261T
☐ Old Guard Peak	8240+
☐ Spire Point	8264T
☐ Dome Peak**	8920+
☐ Sinister Peak	8440+
☐ Main Gunsight Peak	8198T
☐ Agnes Mountain*	8115T

The Nooksack Six ▲

☐ Canadian Border Peak	7516T
☐ American Border Peak*	7994T
☐ Mt. Larrabee	7861T
☐ Tomyhoi Peak	7435T
☐ Mt. Sefrit	7191T
☐ Mt. Shuksan**	9131T

The DaKobed Four ▲

☐ Tenpeak Mountain	8281x
☐ Chalangin Peak	8320+
☐ Luahna Peak	8400+
☐ Clark Mountain	8602T

The Washington Pass Three ▲

☐ Liberty Bell Mountain	7720+
☐ North Early Winters Spire	7760+
☐ South Early Winters Spire	7807T

The Ragged Seven ▲

☐ Cosho Peak	8332T
☐ Kimtah Peak	8600+
☐ Katsuk Peak	8680+
☐ Mesahchie Peak	8795T
☐ Mt. Arriva	8215T
☐ Black Peak**	8970T
☐ Corteo Peak	8080+

The Coquihalla Seven ▲

☐ Ibex Peak	6562+/6690P
☐ Steinbok Peak	6430+/6601P
☐ Gemse Peak	6037+/6201P
☐ Vicuna Peak	6824+/6975P
☐ Yak Peak	6562+/6690P
☐ Needle Peak	6693+/6857P
☐ Coquihalla Mountain	6955+/7077P

The American Chilliwack Six ▲

☐ Mt. Custer	8630T
☐ Mt. Spickard	8979T
☐ Northwest Mox Peak	8407T
☐ Southeast Mox Peak	8504T
☐ Mt. Redoubt**	8969T
☐ Bear Mountain	7931T

The Twin Sisters Two ▲

☐ North Twin Sister	6640+
☐ South Twin Sister	7000+

** also included in *Landmark Twelve* group * also included in *Super Eight* group — *JMB: 11/2017*

Major Peaks of the Cascades & Olympics

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— GEOGRAPHIC GROUPS: Alpine Constellations —

The Chiwawa Four ▲

☐ Dumbell Mountain	8421T
☐ Chiwawa Mountain	8459T
☐ Fortress Mountain	8760+
☐ Buck Mountain	8560G

The Chelan Four ▲

☐ Pinnacle Mountain	8402x
☐ Saska Peak	8404T
☐ Emerald Peak	8422T
☐ Cardinal Peak	8590T

The Sumallo Three ▲

☐ Mt. Payne	8097P
☐ Mt. Rideout	8029T
☐ Silvertip Mountain**	8517P

The Goat Rocks Three ▲

☐ Old Snowy Mountain	7930x
☐ Ives Peak	7932x
☐ Mt. Curtis Gilbert	8184T

— WILD-CARD GROUPS: Alpine Gems That Don't Fit Elsewhere —

[independent mountain peaks]

The Outlier Twelve ▲

☐ Mt. Outram	8074P
☐ Whatcom Peak	7574T
☐ Mt. Prophet	7640+
☐ Davis Peak	7051T
☐ McGregor Mountain	8122T
☐ Mt. David	7420T
☐ Big Four Mountain	6160+
☐ Mt. Index	5991T
☐ Mt. Garfield	5519T
☐ The Cradle	7467T
☐ North Ingalls Peak	7662T
☐ Sluiskin Mountain	7026T

[volcanic kids]

The Satellite Three ▲

☐ Lincoln Peak	9096x
☐ Colfax Peak	9443x
☐ Little Tahoma Peak	11,138T

** also included in *Landmark Twelve* group * also included in *Super Eight* group — *JMB: 11/2017*

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— MAJOR ALPINE CRAGS —

Crag-Peak	Elev▲	Location
☐ South Slesse Peak	7700+	Slesse Mountain massif (south ridge)
☐ South Nesakwatch Spire	7400+	Mt. Rexford massif (north ridge)
☐ Nooksack Tower	8285T	Mt. Shuksan massif (east ridge)
☐ Devil's Tongue	8048T	American Chilliwacks (Silver Lake area)
☐ Himmelgeisterhorn	7880+	Picket Range (Crescent Creek Spires)
☐ East Twin Needle	7840+	Picket Range (Crescent Creek Spires)
☐ The Pyramid	7920+	Picket Range (Mt. Degenhardt vicinity)
☐ The Chopping Block	6819T	Picket Range (Mt. Degenhardt vicinity)
☐ Paul Bunyan's Stump	7480+	Colonial Peak massif (northwest ridge)
☐ Dorado Needle	8440+	Eldorado Peak massif (north ridge)
☐ Sharkfin Tower	8120+	Boston Peak massif (northwest ridge)
☐ Big Methow Needle	8170E	Upper Methow Mountains (Delancy Ridge)
☐ Burgundy Spire	8400+	Silver Star Mountain massif (north ridge)
☐ Big Kangaroo	8326 G	Mazama Mountains (Kangaroo Ridge)
☐ Concord Tower	7560+	Liberty Bell – Early Winters massif
☐ Lexington Tower	7560+	Liberty Bell – Early Winters massif
☐ North Gunsight Peak	8190E	Gunsight Peaks cluster
☐ White Goat Peak	7800+	Stehekin Mountains (Tupshin Peak vicinity)
☐ North Index Peak	5357x	Mt. Index massif (north ridge)
☐ Middle Index Peak	5493T	Mt. Index massif (north ridge)
☐ The Bull's Tooth	6680+	Upper Icicle Mountains (Doelle Lakes area)
☐ Little Big Chief Peak	7225T	Summit Chief Mountain massif (east ridge)
☐ The Citadel	7120+	Mt. Daniel massif (south ridge)
☐ Cathedral Rock	6724T	Mt. Daniel massif (southeast flank)
☐ The Mole	7240+	Stuart Range (Lost World Plateau)
☐ Prusik Peak	8000+	Stuart Range (Temple Ridge)
☐ The Temple	8292T	Stuart Range (Temple Ridge)
☐ Main Cowlitz Chimney	7605T	Mt. Rainier massif (east flank)
☐ East Fifes Peak	6793T	Fifes Peaks cluster
☐ Big Goat Horn	8000+	Goat Rocks (Mt. Curtis Gilbert vicinity)
☐ Mt. Cruiser	6104T	Olympic Mountains (Sawtooth Ridge)
☐ Mt. Clark	7528T	Olympic Mountains (Royal Needles)

— JMB: 11/2017

Major Peaks of the Cascades & Olympics

Washington Cascades ▲ Canadian Cascades ▲ Olympic Mountains

▲ *Key to Elevation Symbols*

T Triangulated elevation shown on newest topographic map.

X Triangulated elevation shown on older topographic map.

N Newest official elevation measurement; not yet shown on topographic map.

P Elevation stated on *Peakbagger.com* website; source uncertain.

G Recently triangulated elevation by Eric Gilbertson.

E Estimate based on visual comparison with nearby points of known elevation.

+ Highest contour line shown on newest topographic map.

— JMB: 11/2017