UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Radiocarbon-Dated Localities From the Puget Lowland, Washington

By

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OPEN-FILE REPORT

80-780

A large number of sites exist in the Puget Lowland, from which organic material has been collected and dated by the radiocarbon method. This report catalogues and locates the sites which have been described in the literature through 1979. It is hoped that this listing will be convenient for tracing a referenced radiocarbon date to its original source or description. In most instances the source used here is the appropriate laboratory date list, usually published in Radiocarbon. In a few cases, other articles or maps better locate the radiocarbon dated site, and are listed as the source for a date. This report is preliminary, and is meant to be superseded by a listing of radiocarbon dated localities for the entire state of Washington. Any corrections or additions to this listing should be brought to the attention of the first author. (Mail stop 75, USGS,345 Middlefield Rd., Menlo Park, CA 94025).

Notes

1. Key to Laboratory Names:

Gak = Gakushuin University	R = Radiocarbon, Ltd.
Grn = Groningen	S = Saskatchewan
Gs = Geological Survey of Canada	Usgs = Geological Survey-Menlo Park
Gx = Geochron Laboratories	Uw = University of Wahington
I = Teledyne Isotopes	W = U.S.Geological Survey-Reston
L = Lamont	Wsu = Washington State University
N = Riken	Ww = Western Wahington State University
Ql = Quaternary Isotope Laboratory	

See a recent issue of Radiocarbon for laboratory addresses.

2. Date and Error: * symbol means "plus or minus".

3. Latitude and longitude given in degrees, minutes, and decimal minutes.

4. No altitude given if location reliability is ≥ 3.

5. An attempt was made to plot all dates listed on 7 1/2' quadrangles or the largest scale topographic map available. The location reliability refers to the plot accuracy obtainable from the description given in the source and is defined as follows:

1 = Altitude given in original reference. Latitude and longitude given in original reference to within 0.1', or site can be located from description to within 0.1'.

2 = Altitude interpolated between 2 contours. Location accurate enough to plot site within the contour interval of the map in areas of steep slope, or within 0.5' or 1/16 of a section in areas of gentle slope.

3 = No altitude determined, unless given in reference. Location of site given in reference is accurate to 1/4 of a section or 1.0'.

4 = No altitude determined, unless quoted in reference. Location of site given in reference is accurate to a whole section, or 1.5'.

5 = No altitude determined. Location difficult or impossible from given description. Site plotted in middle of appropriate 7 1/2' quadrangle if possible.

Sites plotted on accompanying map with location reliabilities of 4 or 5 are queried.

6. Number listed for reference is keyed to reference list in back of report.

Laboratory Number: Gak 4934

Date and Error: 1580* 60 years Material: Unknown

Latitude: 48 35.5 Longitude: 123 9.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Roche Harbor

Laboratory Number: Grn 4074

Date and Error: >51000 years Material: Peat

Latitude: 47 13.1 Longitude: 122 13.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 28

Quadrangle: Sumner

Laboratory Number: Grn 4094

Date and Error: >49000 years Material: Peat

Latitude: 47 13.1 Longitude: 122 13.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 28

Quadrangle: Sumner

Laboratory Number: Grn 4116

Date and Error: 50100* 400 years Material: Peat

Latitude: 47 13.1 Longitude: 122 13.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 28

Quadrangle: Sumner

Laboratory Number: Grn 4971

Date and Error: >49400 years Material: Wood

Latitude: 47 58.3 Longitude: 122 31.9 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 28

Quadrangle: Hansville

Laboratory Number: Grn 5257

Date and Error: 47600 +3300-1800years Material: Peat

Latitude: 48 18.0 Longitude: 122 30.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 28

Quadrangle: Deception Pass 15

Laboratory Number: Gs 2131

Date and Error: >47000 years Material: Wood

Latitude: 48 58.8 Longitude: 123 01.4 Type: Geologic

Altitude: 7meters Location Reliability: 1 Reference: 14

Quadrangle: Point Roberts

Laboratory Number: Gx 3627

Date and Error: 400* 120 years Material: Unknown

Latitude: 48 21.0 Longitude: 122 23.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: Gx 3628

Date and Error: 640* 115 years Material: Unknown

Latitude: 48 21.0 Longitude: 122 23.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: Gx 3629

Date and Error: 430* 115 years Material: Unknown

Latitude: 48 21.0 Longitude: 122 23.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: Gx 3630

Date and Error: 520* 85 years Material: Unknown

Latitude: 48 21.0 Longitude: 122 23.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: I 722

Date and Error: >42000 years Material: Wood

Latitude: 48 15.0 Longitude: 122 45.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Deception Pass 15

Laboratory Number: I 723

Date and Error: >42000 years Material: Wood

Latitude: 48 41.3 Longitude: 122 53.8 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Eastsound

Laboratory Number: I 969

Date and Error: 12350* 400 years Material: Marine Shell

Latitude: 48 41.0 Longitude: 122 56.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Eastsound

Laboratory Number: I 974

Date and Error: >40000 years Material: Peat

Latitude: 48 32.0 Longitude: 122 39.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Cypress Island

Laboratory Number: I 975

Date and Error: >40000 years Material: Peat

Latitude: 47 56.9 Longitude: 122 12.3 Type: Geologic

Altitude: 114meters Location Reliability: 2 Reference: 26

Quadrangle: Everett

Laboratory Number: I 1035

Date and Error: 10370* 300 years Material: Wood

Latitude: 48 45.9 Longitude: 122 28.8 Type: Geologic

Altitude: 27meters Location Reliability: 1 Reference: 26

Quadrangle: Bellingham North

Laboratory Number: I 1037

Date and Error: 11800* 400 years Material: Wood

Latitude: 48 49.9 Longitude: 122 16.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Lawrence

Laboratory Number: I 1079

Date and Error: 12535* 300 years Material: Marine Shell

Latitude: 48 14.0 Longitude: 122 45.7 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Port Townsend

Laboratory Number: I 1093

Date and Error: 935* 110 years Material: Marine Shell

Latitude: 48 11.7 Longitude: 122 42.7 Type: Geologic

Altitude: 26meters Location Reliability: 1 Reference: 26

Quadrangle: Coupeville

Laboratory Number: I 1111

Date and Error: 26650* 1700 years Material: Peat

Latitude: 48 18.0 Longitude: 122 30.0 Type: Geologic

Altitude: 2meters Location Reliability: 2 Reference: 26

Quadrangle: Deception Pass 15

Laboratory Number: I 1194

Date and Error: >35000 years Material: Peat

Latitude: 48 17.4 Longitude: 122 32.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Deception Pass 15

Laboratory Number: I 1203

Date and Error: >40000 years Material: Wood

Latitude: 47 58.2 Longitude: 122 27.1 Type: Geologic

Altitude: 25meters Location Reliability: 2 Reference: 26

Quadrangle: Maxwelton

Laboratory Number: I 1385

Date and Error: >35000 years Material: Wood

Latitude: 48 58.8 Longitude: 123 1.4 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Point Roberts

Laboratory Number: I 1445

Date and Error: >35000 years Material: Wood

Latitude: 48 17.0 Longitude: 122 44.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Deception Pass 15

Laboratory Number: I 1446

Date and Error: >33200 years Material: Peat

Latitude: 48 14.0 Longitude: 122 43.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Coupeville

Laboratory Number: I 1447

Date and Error: 12970* 280 years Material: Marine Shell

Latitude: 48 48.0 Longitude: 122 12.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 26

Quadrangle: Deming

Laboratory Number: I 1448

Date and Error: 11850* 240 years Material: Marine Shell

Latitude: 48 14.5 Longitude: 122 40.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Coupeville

Laboratory Number: I 1469

Date and Error: 12350* 330 years Material: Marine Shell

Latitude: 48 27.4 Longitude: 122 59.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Richardson 15

Laboratory Number: I 1470

Date and Error: 12160* 290 years Material: Marine Shell

Latitude: 48 37.0 Longitude: 123 8.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Roche Harbor

Laboratory Number: I 1471

Date and Error: 12000* 450 years Material: Marine Shell

Latitude: 48 45.2 Longitude: 122 55.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 26

Quadrangle: Sucia Island

Laboratory Number: I 1528

Date and Error: >35000 years Material: Peat

Latitude: 48 8.0 Longitude: 122 28.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 26

Quadrangle: Juniper Beach

Laboratory Number: I 1880

Date and Error: 34900 +3000-2200years Material: Peat

Latitude: 48 18.0 Longitude: 122 30.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 3

Quadrangle: Deception Pass 15

Laboratory Number: I 1881

Date and Error: 12600* 190 years Material: Marine Shell

Latitude: 48 37.0 Longitude: 123 1.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 3

Quadrangle: Friday Harbor

Laboratory Number: I 2153

Date and Error: 22700* 550 years Material: Peat

Latitude: 48 18.0 Longitude: 122 30.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 5

Quadrangle: Deception Pass 15

Laboratory Number: I 2154

Date and Error: 12300* 180 years Material: Marine Shell

Latitude: 48 17.0 Longitude: 122 33.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 5

Quadrangle: Deception Pass 15

Laboratory Number: I 2156

Date and Error: 11900* 170 years Material: Marine Shell

Latitude: 48 27.0 Longitude: 122 59.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 5

Quadrangle: Richardson 15

Laboratory Number: I 2157

Date and Error: 11950* 180 years Material: Marine Shell

Latitude: 48 45.9 Longitude: 122 36.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 7

Quadrangle: Ferndale

Laboratory Number: I 2279

Date and Error: 7140* 600 years Material: Peat

Latitude: 48 59.4 Longitude: 122 22.0 Type: Geologic

Altitude: 36meters Location Reliability: 1 Reference: 5

Quadrangle: Sumas

Laboratory Number: I 2280

Date and Error: 9920* 760 years Material: Peat

Latitude: 48 59.4 Longitude: 122 22.0 Type: Geologic

Altitude: 36meters Location Reliability: 1 Reference: 5

Quadrangle: Sumas

Laboratory Number: I 2281

Date and Error: 9300* 250 years Material: Peat

Latitude: 48 51.9 Longitude: 122 22.0 Type: Geologic

Altitude: 39meters Location Reliability: 1 Reference: 5

Quadrangle: Lawrence

Laboratory Number: I 2282

Date and Error: 18000* 400 years Material: Peat

Latitude: 48 6.0 Longitude: 122 43.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 5

Quadrangle: Nordland

Laboratory Number: I 2283

Date and Error: >39900 years Material: Wood

Latitude: 48 5.0 Longitude: 122 37.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 5

Quadrangle: Freeland

Laboratory Number: I 2284

Date and Error: >39900 years Material: Peat

Latitude: 48 18.0 Longitude: 122 30.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 5

Quadrangle: Deception Pass 15

Laboratory Number: I 2285

Date and Error: 27200 +1000 -900years Material: Peat

Latitude: 48 18.0 Longitude: 122 30.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 5

Quadrangle: Deception Pass 15

Laboratory Number: I 2286

Date and Error: 12400* 190 years Material: Marine Shell

Latitude: 48 24.0 Longitude: 122 33.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 5

Quadrangle: Deception Pass 15

Laboratory Number: I 3061

Date and Error: < 195 years Material: Wood

Latitude: 48 42.0 Longitude: 121 49.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 6

Quadrangle: Hamilton 15

Laboratory Number: L 223a

Date and Error: 4800* 450 years Material: Wood

Latitude: 47 8.5 Longitude: 121 56.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 2

Quadrangle: Enumclaw

Laboratory Number: L 223b

Date and Error: 4950* 450 years Material: Wood

Latitude: 47 10.7 Longitude: 122 1.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 2

Quadrangle: Buckley

Laboratory Number: L 228

Date and Error: >27000 years Material: Wood

Latitude: 46 39.4 Longitude: 122 46.6 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 2

Quadrangle: Centralia 15

Laboratory Number: L 269a

Date and Error: 11900* 360 years Material: Peat

Latitude: 47 41.6 Longitude: 121 50.7 Type: Geologic

Altitude: 152meters Location Reliability: 2 Reference: 2

Quadrangle: Lake Joy

Laboratory Number: L 269b

Date and Error: 7000* 200 years Material: Peat

Latitude: 47 41.6 Longitude: 121 50.7 Type: Geologic

Altitude: 155meters Location Reliability: 2 Reference: 2

Quadrangle: Lake Joy

Laboratory Number: L 269c

Date and Error: 6500* 200 years Material: Peat

Latitude: 47 21.3 Longitude: 122 4.4 Type: Geologic

Altitude: 127meters Location Reliability: 2 Reference: 2

Quadrangle: Black Diamond

Laboratory Number: L 269d

Date and Error: 10200* 500 years Material: Peat

Latitude: 47 21.3 Longitude: 122 4.4 Type: Geologic

Altitude: 114meters Location Reliability: 2 Reference: 2

Quadrangle: Black Diamond

Laboratory Number: L 269e

Date and Error: 1160* 80 years Material: Wood

Latitude: 47 45.0 Longitude: 122 16.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 1

Quadrangle: Edmonds East

Laboratory Number: L 330

Date and Error: 14000* 900 years Material: Peat

Latitude: 47 35.0 Longitude: 122 15.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 1

Quadrangle: Seattle South

Laboratory Number: L 346a

Date and Error: 13650* 550 years Material: Peat

Latitude: 47 35.0 Longitude: 122 15.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 1

Quadrangle: Seattle South

Laboratory Number: L 372a

Date and Error: 5150* 200 years Material: Peat

Latitude: 47 45.0 Longitude: 122 16.1 Type: Geologic

Altitude: -7meters Location Reliability: 1 Reference: 17

Quadrangle: Edmonds East

Laboratory Number: N 1822

Date and Error: 1160* 80 years Material: Unknown

Latitude: 48 25.0 Longitude: 122 26.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: La Conner

Laboratory Number: N 1823

Date and Error: 1190* 75 years Material: Unknown

Latitude: 48 25.0 Longitude: 122 26.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: La Conner

Laboratory Number: Gl 14

Date and Error: 2680* 50 years Material: Marine Shell

Latitude: 48 23.0 Longitude: 122 19.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Mt Vernon

Laboratory Number: Gl 15

Date and Error: 2180* 70 years Material: Marine Shell

Latitude: 48 23.0 Longitude: 122 19.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Mt Vernon

Laboratory Number: Rl 149

Date and Error: 1580* 120 years Material: Charcoal

Latitude: 48 56.0 Longitude: 122 47.4 Type: Archeologic

Altitude: 10meters Location Reliability: 1 Reference: 27

Quadrangle: Birch Point

Laboratory Number: Rl 272

Date and Error: 2630* 240 years Material: Charcoal

Latitude: 48 37.0 Longitude: 123 7.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 27

Quadrangle: Friday Harbor

Laboratory Number: Rl 273

Date and Error: 4180* 120 years Material: Charcoal

Latitude: 48 51.4 Longitude: 122 34.4 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 27

Quadrangle: Ferndale

Laboratory Number: Rl 274

Date and Error: 1030* 100 years Material: Charcoal

Latitude: 48 51.4 Longitude: 122 34.4 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 27

Quadrangle: Ferndale

Laboratory Number: Rl 275

Date and Error: 1210* 100 years Material: Charcoal

Latitude: 48 51.4 Longitude: 122 34.4 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 27

Quadrangle: Ferndale

Laboratory Number: S 64a

Date and Error: 3500* 70 years Material: Wood

Latitude: 48 59.8 Longitude: 122 30.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 16

Quadrangle: Bertrand Creek

Laboratory Number: S 64b

Date and Error: 2800* 90 years Material: Wood

Latitude: 48 59.8 Longitude: 122 30.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 16

Quadrangle: Bertrand Creek

Laboratory Number: Usgs 6

Date and Error: 4530* 90 years Material: Wood

Latitude: 47 35.7 Longitude: 122 30.7 Type: Geologic

Altitude: 3meters Location Reliability: 1 Reference: 18

Quadrangle: Bremerton East

Laboratory Number: Usgs 7

Date and Error: 3260* 80 years Material: Marine Shell

Latitude: 47 35.7 Longitude: 122 30.7 Type: Geologic

Altitude: 5meters Location Reliability: 1 Reference: 18

Quadrangle: Bremerton East

Laboratory Number: Usgs 12

Date and Error: 1120* 90 years Material: Unknown

Latitude: 48 25.0 Longitude: 122 26.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: La Conner

Laboratory Number: Usgs 13

Date and Error: 1340* 110 years Material: Marine Shell

Latitude: 48 20.6 Longitude: 122 24.3 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: Usgs 18

Date and Error: 800* 70 years Material: Charcoal

Latitude: 48 20.5 Longitude: 122 20.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Conway

Laboratory Number: Usgs 20

Date and Error: 2270* 75 years Material: Marine Shell

Latitude: 48 27.2 Longitude: 122 58.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Richardson 15

Laboratory Number: Usgs 21

Date and Error: 2630* 75 years Material: Marine Shell

Latitude: 48 27.0 Longitude: 122 57.6 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Richardson 15

Laboratory Number: Usgs 22

Date and Error: 2700* 90 years Material: Marine Shell

Latitude: 48 27.0 Longitude: 122 57.6 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Richardson 15

Laboratory Number: Usgs 57

Date and Error: 1270* 60 years Material: Marine Shell

Latitude: 48 20.5 Longitude: 122 20.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Conway

Laboratory Number: Usgs 58

Date and Error: 980* 45 years Material: Marine Shell

Latitude: 48 20.5 Longitude: 122 20.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Conway

Laboratory Number: Usgs 64

Date and Error: 12670* 90 years Material: Marine Shell

Latitude: 47 58.1 Longitude: 122 32.7 Type: Geologic

Altitude: 3meters Location Reliability: 1 Reference: 18

Quadrangle: Hansville

Laboratory Number: Usgs 65

Date and Error: 5880* 70 years Material: Marine Shell

Latitude: 47 35.7 Longitude: 122 30.7 Type: Geologic

Altitude: 1meters Location Reliability: 1 Reference: 18

Quadrangle: Bremerton East

Laboratory Number: Usgs 79

Date and Error: 2660* 50 years Material: Marine Shell

Latitude: 48 27.0 Longitude: 122 57.6 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Richardson 15

Laboratory Number: Usgs 138

Date and Error: 1080* 50 years Material: Unknown

Latitude: 48 20.6 Longitude: 122 24.3 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: Uw 7

Date and Error: 27900* 800 years Material: Peat

Latitude: 47 10.6 Longitude: 122 49.1 Type: Geologic

Altitude: 10meters Location Reliability: 1 Reference: 4

Quadrangle: Longbranch

Laboratory Number: Uw 10

Date and Error: 34700* 1100 years Material: Peat

Latitude: 47 6.9 Longitude: 122 45.3 Type: Geologic

Altitude: 3meters Location Reliability: 1 Reference: 4

Quadrangle: Lacey

Laboratory Number: Uw 11

Date and Error: 31300* 900 years Material: Peat

Latitude: 47 6.8 Longituce: 122 45.3 Type: Geologic

Altitude: 24meters Location Reliability: 1 Reference: 4

Quadrangle: Lacey

Laboratory Number: Uw 12

Date and Error: 27900* 1200 years Material: Peat

Latitude: 47 20.8 Longitude: 122 31.7 Type: Geologic

Altitude: 1meters Location Reliability: 2 Reference: 4

Quadrangle: Gig Harbor

Laboratory Number: Uw 13

Date and Error: 31400* 1600 years Material: Peat

Latitude: 47 32.2 Longitude: 122 39.8 Type: Geologic

Altitude: 8meters Location Reliability: 2 Reference: 4

Quadrangle: Bremerton West

Laboratory Number: Uw 17

Date and Error: 24200* 2100 years Material: Wood

Latitude: 48 52.5 Longitude: 122 46.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 4

Quadrangle: Lummi Bay

Laboratory Number: Uw 19

Date and Error: 33000* 1000 years Material: Peat

Latitude: 47 8.3 Longitude: 122 37.8 Type: Geologic

Altitude: 18meters Location Reliability: 2 Reference: 4

Quadrangle: Mc Neil Island

Laboratory Number: Uw 20

Date and Error: 34500* 1000 years Material: Peat

Latitude: 47 17.8 Longitude: 122 31.8 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 4

Quadrangle: Gig Harbor

Laboratory Number: Uw 24

Date and Error: 1514* 40 years Material: Charcoal

Latitude: 48 45.1 Longitude: 122 54.4 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 4

Quadrangle: Sucia Island

Laboratory Number: Uw 25

Date and Error: 32700* 1000 years Material: Peat

Latitude: 47 23.8 Longitude: 122 33.2 Type: Geologic

Altitude: 38meters Location Reliability: 2 Reference: 4

Quadrangle: Olalla

Laboratory Number: Uw 31

Date and Error: 36800* 1800 years Material: Wood

Latitude: 47 27.0 Longitude: 122 17.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 8

Quadrangle: Des Moines

Laboratory Number: Uw 32

Date and Error: 13100* 170 years Material: Marine Shell

Latitude: 48 14.6 Longitude: 122 42.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 8

Quadrangle: Coupeville

Laboratory Number: Uw 35

Date and Error: 13570* 130 years Material: Wood

Latitude: 47 26.0 Longitude: 121 38.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 8

Quadrangle: Bandera 15

Laboratory Number: Uw 48

Date and Error: >47000 years Material: Peat

Latitude: 47 19.7 Longitude: 123 7.1 Type: Geologic

Altitude: 8meters Location Reliability: 1 Reference: 8

Quadrangle: Potlatch 15

Laboratory Number: Uw 49

Date and Error: >45000 years Material: Wood

Latitude: 47 12.0 Longitude: 122 57.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 8

Quadrangle: Squaxin Island

Laboratory Number: Uw 50

Date and Error: >40000 years Material: Wood

Latitude: 47 13.0 Longitude: 123 7.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 8

Quadrangle: Shelton 15

Laboratory Number: Uw 53

Date and Error: >42000 years Material: Wood

Latitude: 48 7.0 Longitude: 123 15.5 Type: Geologic

Altitude: 1meters Location Reliability: 2 Reference: 8

Quadrangle: Morse Creek

Laboratory Number: Uw 55

Date and Error: 21200* 300 years Material: Wood

Latitude: 47 41.0 Longitude: 122 18.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 8

Quadrangle: Seattle North

Laboratory Number: Uw 62

Date and Error: 5050* 90 years Material: Wood

Latitude: 47 22.0 Longitude: 122 15.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 8

Quadrangle: Poverty Bay

Laboratory Number: Uw 63

Date and Error: >49000 years Material: Wood

Latitude: 48 52.5 Longitude: 122 46.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 8

Quadrangle: Lummi Bay

Laboratory Number: Uw 66

Date and Error: >37500 years Material: Charcoal

Latitude: 47 12.6 Longitude: 121 1.2 Type: Geologic

Altitude: 204meters Location Reliability: 2 Reference: 8

Quadrangle: Easton

Laboratory Number: Uw 66*

Date and Error: 37500* 2800 years Material: Charcoal

Latitude: 47 12.6 Longitude: 121 1.2 Type: Geologic

Altitude: 204meters Location Reliability: 2 Reference: 9

Quadrangle: Easton

Laboratory Number: Uw 67

Date and Error: >44000 years Material: Peat

Latitude: 47 8.3 Longitude: 122 37.8 Type: Geologic

Altitude: 18meters Location Reliability: 2 Reference: 8

Quadrangle: Mc Neil Island

Laboratory Number: Uw 68

Date and Error: 1860* 110 years Material: Charcoal

Latitude: 47 40.0 Longitude: 122 7.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 9

Quadrangle: Redmond

Laboratory Number: Uw 73

Date and Error: 7200* 210 years Material: Charcoal

Latitude: 47 25.8 Longitude: 121 24.9 Type: Geologic

Altitude: 890meters Location Reliability: 2 Reference: 8

Quadrangle: Snoqualmie Pass 15

Laboratory Number: Uw 73*

Date and Error: 7200* 210 years Material: Charcoal

Latitude: 47 25.8 Longitude: 121 24.9 Type: Geologic

Altitude: 890meters Location Reliability: 2 Reference: 9

Quadrangle: Snoqualmie Pass 15

Laboratory Number: Uw 74

Date and Error: >50000 years Material: Peat

Latitude: 47 10.6 Longitude: 122 49.1 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 8

Quadrangle: Longbranch

Laboratory Number: Uw 116

Date and Error: 130* 40 years Material: Wood

Latitude: 48 50.0 Longitude: 121 33.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Mt Shuksan

Laboratory Number: Uw 146a

Date and Error: 12700* 160 years Material: Wood

Latitude: 47 7.8 Longitude: 123 20.2 Type: Geologic

Altitude: 128meters Location Reliability: 2 Reference: 9

Quadrangle: Elma 15

Laboratory Number: Uw 146b

Date and Error: 12430* 160 years Material: Wood

Latitude: 47 7.8 Longitude: 123 20.2 Type: Geologic

Altitude: 128meters Location Reliability: 2 Reference: 9

Quadrangle: Elma 15

Laboratory Number: Uw 147

Date and Error: 12620* 150 years Material: Wood

Latitude: 47 7.8 Longitude: 123 20.2 Type: Geologic

Altitude: 128meters Location Reliability: 2 Reference: 9

Quadrangle: Elma 15

Laboratory Number: Uw 148

Date and Error: 425* 75 years Material: Charcoal

Latitude: 48 21.9 Longitude: 122 28.1 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Utsalady

Laboratory Number: Uw 253

Date and Error: 445* 50 years Material: Charcoal

Latitude: 47 12.0 Longitude: 122 7.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Sumner

Laboratory Number: Uw 254

Date and Error: 690* 85 years Material: Charcoal

Latitude: 47 12.0 Longitude: 122 7.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Sumner

Laboratory Number: Uw 255

Date and Error: 5730* 90 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 283

Date and Error: 4980* 60 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 284

Date and Error: 5750* 108 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 285

Date and Error: 1125* 70 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 297

Date and Error: 5035* 90 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 298

Date and Error: 0* 0 years Material: Wood

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 302

Date and Error: 960* 100 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 303

Date and Error: 980* 50 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 316

Date and Error: 695* 50 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: Uw 317

Date and Error: 3450* 80 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: .Buckley

Laboratory Number: Uw 321

Date and Error: 11050* 50 years Material: Wood

Latitude: 47 25.8 Longitude: 121 24.9 Type: Geologic

Altitude: 890meters Location Reliability: 2 Reference: 9

Quadrangle: Snoqualmie Pass 15

Laboratory Number: Uw 322

Date and Error: 7450* 70 years Material: Wood

Latitude: 47 25.8 Longitude: 121 24.9 Type: Geologic

Altitude: 890meters Location Reliability: 2 Reference: 9

Quadrangle: Snoqualmie Pass 15

Laboratory Number: Uw 333

Date and Error: 3230* 60 years Material: Charcoal

Latitude: 47 11.5 Longitude: 122 2.5 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: UW 334

Date and Error: 315* 55 years Material: Charcoal

Latitude: 47 11.0 Longitude: 122 2.0 Type: Archeologic

Altitude: meters Location Reliability: 3 Reference: 9

Quadrangle: Buckley

Laboratory Number: W 257

Date and Error: >37000 years Material: Wood

Latitude: 47 8.5 Longitude: 121 56.0 Type: Geologic

Altitude: 91meters Location Reliability: 2 Reference: 22

Quadrangle: Enumclaw

Laboratory Number: W 258

Date and Error: >37000 years Material: Wood

Latitude: 47 16.3 Longitude: 122 22.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 22

Quadrangle: Poverty Bay

Laboratory Number: W 259

Date and Error: >37000 years Material: Wood

Latitude: 47 23.3 Longitude: 122 19.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 22

Quadrangle: Des Moines

Laboratory Number: W 339

Date and Error: >38000 years Material: Wood

Latitude: 48 6.1 Longitude: 123 21.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 19

Quadrangle: Morse Creek

Laboratory Number: W 391

Date and Error: >38000 years Material: Wood

Latitude: 48 7.8 Longitude: 123 27.9 Type: Geologic

Altitude: 30meters Location Reliability: 2 Reference: 19

Quadrangle: Ediz Hook

Laboratory Number: W 394

Date and Error: 11500* 300 years Material: Peat

Latitude: 46 59.8 Longitude: 122 55.5 Type: Geologic

Altitude: 41meters Location Reliability: 2 Reference: 19

Quadrangle: Maytown

Laboratory Number: W 397

Date and Error: 9230* 320 years Material: Peat

Latitude: 47 52.0 Longitude: 122 9.9 Type: Geologic

Altitude: 113meters Location Reliability: 2 Reference: 19

Quadrangle: Bothell

Laboratory Number: W 398

Date and Error: 12900* 330 years Material: Peat

Latitude: 48 33.0 Longitude: 122 12.4 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 19

Quadrangle: Wickersham 15

Laboratory Number: W 407

Date and Error: < 200 years Material: Wood

Latitude: 47 4.5 Longitude: 122 10.8 Type: Geologic

Altitude: 76meters Location Reliability: 2 Reference: 19

Quadrangle: Orting

Laboratory Number: W 424

Date and Error: < 200 years Material: Wood

Latitude: 47 4.5 Longitude: 122 10.8 Type: Geologic

Altitude: 76meters Location Reliability: 2 Reference: 19

Quadrangle: Orting

Laboratory Number: W 564

Date and Error: 4700* 250 years Material: Wood

Latitude: 47 11.4 Longitude: 122 14.3 Type: Geologic

Altitude: 15meters Location Reliability: 2 Reference: 20

Quadrangle: Sumner

Laboratory Number: W 565

Date and Error: 530* 200 years Material: Wood

Latitude: 47 0.0 Longitude: 122 11.5 Type: Geologic

Altitude: 165meters Location Reliability: 2 Reference: 20

Quadrangle: Orting

Laboratory Number: W 566

Date and Error: 2170* 200 years Material: Wood

Latitude: 46 54.1 Longitude: 122 1.8 Type: Geologic

Altitude: 548meters Location Reliability: 2 Reference: 20

Quadrangle: Kapowsin 15

Laboratory Number: W 671

Date and Error: >38000 years Material: Wood

Latitude: 47 29.5 Longitude: 122 14.0 Type: Geologic

Altitude: 130meters Location Reliability: 2 Reference: 20

Quadrangle: Renton

Laboratory Number: W 672

Date and Error: >38000 years Material: Peat

Latitude: 47 13.1 Longitude: 122 13.2 Type: Geologic

Altitude: 61meters Location Reliability: 2 Reference: 20

Quadrangle: Sumner

Laboratory Number: W 673

Date and Error: >38000 years Material: Wood

Latitude: 43 7.0 Longitude: 123 14.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 20

Quadrangle: Carlsborg

Laboratory Number: W 706

Date and Error: 1950* 200 years Material: Wood

Latitude: 47 2.2 Longitude: 122 4.8 Type: Geologic

Altitude: 408meters Location Reliability: 2 Reference: 20

Quadrangle: Wilkeson

Laboratory Number: W 776

Date and Error: 6600* 400 years Material: Peat

Latitude: 47 25.6 Longitude: 122 20.2 Type: Geologic

Altitude: 82meters Location Reliability: 2 Reference: 20

Quadrangle: Des Moines

Laboratory Number: W 777

Date and Error: 6630* 400 years Material: Peat

Latitude: 47 25.6 Longitude: 122 20.2 Type: Geologic

Altitude: 82meters Location Reliability: 2 Reference: 20

Quadrangle: Des Moines

Laboratory Number: W 779

Date and Error: 5950* 400 years Material: Peat

Latitude: 47 26.0 Longitude: 122 18.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 20

Quadrangle: Des Moines

Laboratory Number: W 922

Date and Error: 1640* 250 years Material: Wood

Latitude: 46 46.9 Longitude: 121 45.8 Type: Geologic

Altitude: 1193meters Location Reliability: 2 Reference: 21

Quadrangle: Mt Rainier West

Laboratory Number: W 925

Date and Error: 350* 250 years Material: Wood

Latitude: 46 46.8 Longitude: 121 48.1 Type: Geologic

Altitude: 1158meters Location Reliability: 2 Reference: 21

Quadrangle: Mt Rainier West

Laboratory Number: W 926

Date and Error: 350* 250 years Material: Wood

Latitude: 46 46.8 Longitude: 121 48.1 Type: Geologic

Altitude: 1158meters Location Reliability: 2 Reference: 21

Quadrangle: Mt Rainier West

Laboratory Number: W 930

Date and Error: 2550* 200 years Material: Wood

Latitude: 46 53.5 Longitude: 121 36.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: White River Park

Laboratory Number: W 940

Date and Error: 11640* 275 years Material: Wood

Latitude: 48 49.9 Longitude: 122 16.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Lawrence

Laboratory Number: W 950

Date and Error: >38000 years Material: Wood

Latitude: 46 55.0 Longitude: 121 36.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 11

Quadrangle: White River Park

Laboratory Number: W 951

Date and Error: 8750* 280 years Material: Wood

Latitude: 46 55.3 Longitude: 121 39.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Sunrise

Laboratory Number: W 984

Date and Error: 12090* 350 years Material: Peat

Latitude: 48 47.0 Longitude: 122 30.0 Type: Geologic

Altitude: 36meters Location Reliability: 2 Reference: 11

Quadrangle: Bellingham North

Laboratory Number: W 996

Date and Error: 11600* 350 years Material: Marine Shell

Latitude: 48 46.0 Longitude: 122 31.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Ferndale

Laboratory Number: W 997

Date and Error: >38000 years Material: Marine Shell

Latitude: 48 51.5 Longitude: 122 43.2 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 11

Quadrangle: Lummi Bay

Laboratory Number: W 1029

Date and Error: >38000 years Material: Wood

Latitude: 47 28.5 Longitude: 122 11.6 Type: Geologic

Altitude: 97meters Location Reliability: 2 Reference: 11

Quadrangle: Renton

Laboratory Number: W 1030

Date and Error: 4700* 300 years Material: Wood

Latitude: 48 22.2 Longitude: 121 4.1 Type: Geologic

Altitude: 1634meters Location Reliability: 2 Reference: 11

Quadrangle: Dome Peak

Laboratory Number: W 1091

Date and Error: 20350* 600 years Material: Wood

Latitude: 47 39.4 Longitude: 122 25.5 Type: Geologic

Altitude: 1meters Location Reliability: 1 Reference: 11

Quadrangle: Shilshole Bay

Laboratory Number: W 1103

Date and Error: >38000 years Material: Peat

Latitude: 47 44.2 Longitude: 122 17.1 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Seattle North

Laboratory Number: W 1114

Date and Error: 2660* 250 years Material: Peat

Latitude: 46 52.2 Longitude: 121 32.1 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Chinook Pass

Laboratory Number: W 1115

Date and Error: 3500* 250 years Material: Peat

Latitude: 46 53.5 Longitude: 121 36.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: White River Park

Laboratory Number: W 1116

Date and Error: 4000* 250 years Material: Charcoal

Latitude: 46 46.9 Longitude: 121 45.8 Type: Geologic

Altitude: 1193meters Location Reliability: 2 Reference: 11

Quadrangle: Mt Rainier West

Laboratory Number: W 1118

Date and Error: 2980* 250 years Material: Charcoal

Latitude: 46 46.0 Longitude: 121 49.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Mt Rainier West

Laboratory Number: W 1119

Date and Error: 320* 200 years Material: Wood

Latitude: 46 46.8 Longitude: 121 48.1 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Mt Rainier West

Laboratory Number: A 1120

Date and Error: 290* 200 years Material: wood

Latitude: 46 46.8 Longitude: 121 48.1 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Mt Rainier West

Laboratory Number: W 1181

Date and Error: 22400* 800 years Material: Wood

Latitude: 47 39.4 Longitude: 122 25.5 Type: Geologic

Altitude: 1meters Location Reliability: 1 Reference: 11

Quadrangle: Shilshole Bay

Laboratory Number: W 1182

Date and Error: 24100* 900 years Material: Peat

Latitude: 47 33.8 Longitude: 122 24.3 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 11

Quadrangle: Duwamish Head

Laboratory Number: W 1186

Date and Error: 18100* 700 years Material: Wood

Latitude: 47 39.4 Longitude: 122 25.5 Type: Geologic

Altitude: 6meters Location Reliability: 1 Reference: 11

Quadrangle: Shilshole Bay

Laboratory Number: W 1227

Date and Error: 15000* 400 years Material: Wood

Latitude: 47 38.0 Longitude: 122 19.0 Type: Geologic

Altitude: 35meters Location Reliability: 2 Reference: 13

Quadrangle: Seattle North

Laboratory Number: W 1305

Date and Error: 15100* 600 years Material: Wood

Latitude: 47 37.5 Longitude: 122 19.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Seattle North

Laboratory Number: W 1388

Date and Error: 24300* 700 years Material: Wood

Latitude: 47 36.0 Longitude: 122 19.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Seattle South

Laboratory Number: W 1393

Date and Error: 2040* 200 years Material: Wood

Latitude: 46 55.0 Longitude: 121 45.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Mowich Lake

Laboratory Number: W 1394

Date and Error: 2460* 200 years Material: Wood

Latitude: 46 55.0 Longitude: 121 45.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Mowich Lake

Laboratory Number: W 1396

Date and Error: 2340* 200 years Material: Wood

Latitude: 46 55.3 Longitude: 121 38.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Sunrise

Laboratory Number: W 1397

Date and Error: 1500* 200 years Material: Wood

Latitude: 46 55.3 Longitude: 121 38.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Sunrise

Laboratory Number: W 1437

Date and Error: 34000* 800 years Material: Peat

Latitude: 47 30.1 Longitude: 122 30.3 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Bremerton East

Laboratory Number: W 1458

Date and Error: >34000 years Material: Wood

Latitude: 47 50.8 Longitude: 122 30.4 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Port Gamble

Laboratory Number: W 1459

Date and Error: >38000 years Material: Peat

Latitude: 47 38.4 Longitude: 122 35.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 13

Quadrangle: Suquamish

Laboratory Number: W 1514

Date and Error: >40000 years Material: Wood

Latitude: 48 8.0 Longitude: 122 21.8 Type: Geologic

Altitude: 8meters Location Reliability: 1 Reference: 10

Quadrangle: Stanwood

Laboratory Number: W 1515

Date and Error: >38000 years Material: Wood

Latitude: 47 23.3 Longitude: 122 33.0 Type: Geologic

Altitude: 24meters Location Reliability: 1 Reference: 10

Quadrangle: Olalla

Laboratory Number: W 1516

Date and Error: >40000 years Material: Peat

Latitude: 47 55.0 Longitude: 122 25.8 Type: Geologic

Altitude: 43meters Location Reliability: 1 Reference: 10

Quadrangle: Maxwelton

Laboratory Number: W 1523

Date and Error: >40000 years Material: Wood

Latitude: 47 58.2 Longitude: 122 32.0 Type: Geologic

Altitude: 17meters Location Reliability: 1 Reference: 10

Quadrangle: Hansville

Laboratory Number: W 1578

Date and Error: >43000 years Material: Wood

Latitude: 47 50.8 Longitude: 122 30.4 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 10

Quadrangle: Port Gamble

Laboratory Number: W 1587

Date and Error: 2350* 250 years Material: Charcoal

Latitude: 46 48.5 Longitude: 121 53.8 Type: Geologic

Altitude: 1042meters Location Reliability: 2 Reference: 10

Quadrangle: Mount Wow

Laboratory Number: W 1622

Date and Error: >42000 years Material: Peat

Latitude: 47 29.6 Longitude: 122 21.6 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 10

Quadrangle: Des Moines

Laboratory Number: W 1638

Date and Error: 24200* 700 years Material: Peat

Latitude: 47 36.0 Longitude: 122 19.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 10

Quadrangle: Seattle South

Laboratory Number: W 1641

Date and Error: 24000* 700 years Material: Peat

Latitude: 47 36.0 Longitude: 122 19.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 10

Quadrangle: Seattle South

Laboratory Number: W 1769

Date and Error: >41000 years Material: Wood

Latitude: 47 41.0 Longitude: 122 17.0 Type: Geologic

Altitude: 17meters Location Reliability: 2 Reference: 10

Quadrangle: Seattle North

Laboratory Number: W 1892

Date and Error: 18920* 600 years Material: Wood

Latitude: 47 42.0 Longitude: 122 17.0 Type: Geologic

Altitude: 20meters Location Reliability: 1 Reference: 15

Quadrangle: Seattle North

Laboratory Number: W 1971

Date and Error: 1100* 250 years Material: Wood

Latitude: 46 48.8 Longitude: 121 52.0 Type: Geologic

Altitude: 1219meters Location Reliability: 2 Reference: 15

Quadrangle: Mt Rainier West

Laboratory Number: W 1972

Date and Error: 2710* 250 years Material: Wood

Latitude: 46 54.0 Longitude: 122 1.5 Type: Geologic

Altitude: 536meters Location Reliability: 2 Reference: 15

Quadrangle: Kapowsin 15

Laboratory Number: W 1979

Date and Error: >42000 years Material: Wood

Latitude: 47 36.4 Longitude: 122 19.9 Type: Geologic

Altitude: 46meters Location Reliability: 2 Reference: 15

Quadrangle: Seattle South

Laboratory Number: W 1982

Date and Error: >42000 years Material: Peat

Latitude: 47 23.8 Longitude: 122 33.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 15

Quadrangle: Olalla

Laboratory Number: W 2027

Date and Error: 450* 200 years Material: Wood

Latitude: 47 27.5 Longitude: 122 14.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 24

Quadrangle: Renton

Laboratory Number: W 2026

Date and Error: >42000 years Material: Peat

Latitude: 47 23.3 Longitude: 122 33.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 24

Quadrangle: Olalla

Laboratory Number: W 2034

Date and Error: < 200 years Material: Wood

Latitude: 46 47.0 Longitude: 121 44.0 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 24

Quadrangle: Mt Rainier East

Laboratory Number: W 2053

Date and Error: 5020* 300 years Material: Peat

Latitude: 46 49.0 Longitude: 121 38.5 Type: Geologic

Altitude: 1890meters Location Reliability: 2 Reference: 24

Quadrangle: Mt Rainier East

Laboratory Number: W 2084

Date and Error: 5130* 1000 years Material: Wood

Latitude: 46 45.7 Longitude: 121 42.0 Type: Geologic

Altitude: 1402meters Location Reliability: 2 Reference: 24

Quadrangle: Mt Rainier East

Laboratory Number: W 2113

Date and Error: 1050* 350 years Material: Wood

Latitude: 46 54.7 Longitude: 122 2.5 Type: Geologic

Altitude: 488meters Location Reliability: 2 Reference: 15

Quadrangle: Kapowsin 15

Laboratory Number: W 2114

Date and Error: 2610* 350 years Material: Wood

Latitude: 46 48.2 Longitude: 121 51.5 Type: Geologic

Altitude: 1158meters Location Reliability: 2 Reference: 15

Quadrangle: Mt Rainier West

Laboratory Number: W 2125

Date and Error: 16070* 600 years Material: Peat

Latitude: 47 34.8 Longitude: 122 9.8 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 24

Quadrangle: Mercer Island

Laboratory Number: W 2409

Date and Error: >42000 years Material: Wood

Latitude: 48 7.8 Longitude: 123 28.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 12

Quadrangle: Ediz Hook

Laboratory Number: W 2410

Date and Error: >40000 years Material: Wood

Latitude: 48 7.0 Longitude: 123 14.5 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 12

Quadrangle: Carlsborg

Laboratory Number: W 2422

Date and Error: 6730* 250 years Material: Wood

Latitude: 46 51.6 Longitude: 121 31.7 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 23

Quadrangle: Chinook Pass

Laboratory Number: W 2423

Date and Error: 6440* 250 years Material: Wood

Latitude: 46 51.6 Longitude: 121 31.7 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 23

Quadrangle: Chinook Pass

Laboratory Number: W 2424

Date and Error: 6380* 250 years Material: Wood

Latitude: 46 49.0 Longitude: 121 38.5 Type: Geologic

Altitude: 1890meters Location Reliability: 2 Reference: 23

Quadrangle: Mt Rainier East

Laboratory Number: W 2437

Date and Error: 5770* 250 years Material: Wood

Latitude: 46 51.6 Longitude: 121 31.7 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 23

Quadrangle: Chinook Pass

Laboratory Number: W 2933

Date and Error: 530* 200 years Material: Wood

Latitude: 48 44.2 Longitude: 121 40.3 Type: Geologic

Altitude: 245meters Location Reliability: 2 Reference: 23

Quadrangle: Lake Shannon 15

Laboratory Number: W 2934

Date and Error: 110* 200 years Material: Wood

Latitude: 48 42.9 Longitude: 121 41.6 Type: Geologic

Altitude: 320meters Location Reliability: 2 Reference: 23

Quadrangle: Lake Shannon 15

Laboratory Number: W 2944

Date and Error: 5980* 250 years Material: Wood

Latitude: 48 46.3 Longitude: 122 2.8 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 23

Quadrangle: Canyon Lake

Laboratory Number: W 2971

Date and Error: 6650* 350 years Material: Wood

Latitude: 48 44.5 Longitude: 121 40.0 Type: Geologic

Altitude: 250meters Location Reliability: 2 Reference: 23

Quadrangle: Lake Shannon 15

Laboratory Number: W 2972

Date and Error: 10350* 300 years Material: Wood

Latitude: 48 42.3 Longitude: 121 49.0 Type: Geologic

Altitude: 1052meters Location Reliability: 2 Reference: 23

Quadrangle: Hamilton 15

Laboratory Number: W 3011

Date and Error: >45000 years Material: Peat

Latitude: 47 10.0 Longitude: 122 15.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 12

Quadrangle: Puyallup

Laboratory Number: W 3012

Date and Error: >45000 years Material: Peat

Latitude: 47 10.0 Longitude: 122 15.0 Type: Geologic

Altitude: meters Location Reliability: 4 Reference: 12

Quadrangle: Puyallup

Laboratory Number: Wsu 1207

Date and Error: 1030* 240 years Material: Unknown

Latitude: 48 35.5 Longitude: 123 9.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Roche Harbor

Laboratory Number: Wsu 1208

Date and Error: 820* 240 years Material: Unknown

Latitude: 48 35.5 Longitude: 123 9.0 Type: Archeologic

Altitude: meters Location Reliability: 4 Reference: 25

Quadrangle: Roche Harbor

Laboratory Number: Ww 1

Date and Error: 11500* 200 years Material: Wood

Latitude: 48 49.9 Longitude: 122 16.2 Type: Geologic

Altitude: meters Location Reliability: 3 Reference: 7

Quadrangle: Lawrence

Laboratory Number: Ww 7

Date and Error: 6380* 100 years Material: Peat

Latitude: 48 44.4 Longitude: 122 29.0 Type: Geologic

Altitude: 100meters Location Reliability: 1 Reference: 7

Quadrangle: Bellingham South

Laboratory Number: Ww 8

Date and Error: 9500* 200 years Material: Peat

Latitude: 48 44.4 Longitude: 122 29.0 Type: Geologic

Altitude: 100meters Location Reliability: 1 Reference: 7

Quadrangle: Bellingham South

Laboratory Number: Ww 32

Date and Error: 10000* 500 years Material: Charcoal

Latitude: 48 47.2 Longitude: 122 26.5 Type: Geologic

Altitude: 54meters Location Reliability: 1 Reference: 7

Quadrangle: Bellingham North

REFERENCES

1. Broecker, W. S., and Kulp, J. L., 1957, Lamont natural radiocarbon measurements IV: Science, v. 126 no.3287, p.1324-1334.

2. Broecker, W. S., Kulp, J. L., and Tucek, C. S.,1956, Lamont natural radiocarbon measurements III: Science, v. 124, no.3213, p. 154-165.

3. Buckley, J. D., Trautman, M. A., and Willis, E. H., 1968, Isotopes' radiocarbon measurements VI:Radiocarbon, v.10, no. 2, p. 246-294.

4. Dorn, T. F., Fairhall, A. W., Schell, W. R., and Takashima, Y., 1962, Radiocarbon dating at the University of Wahington I: Radiocarbon, v.4, p. 1-12.

5. Easterbrook, D. J., 1969, Pleistocene chronology of the Puget Lowland and San Juan Islands, Washington: Geological Society of America Bulletin, v. 80, no. 11, p. 2273-2286.

6. Easterbrook D. J., 1975, Mount Baker eruptions: Geology, v.3, no. 12, p. 679-682.

7. Easterbrook, D. J., 1976, Geologic Map of Western Whatcom County, Washington: U.S. Geological Survey Miscellaneous Investigations Series Map I-854-B, Scale 1:62,500.

8. Fairhall, A. W.,Schell, W. R., and Young, J. A., 1966, Radiocarbon dating at the University of Washington III: Radiocarbon, v.8, p.498-506.

9. Fairhall, A. W., Young, A. W., and Erickson, J. L., 1976, University of Washington Dates IV: Radiocarbon, v. 18, No. 2, p.221-239.

10. Ives, P.C., Levin, B, Oman, C. L., and Rubin, M., 1967, U. S. Geological Survey radiocarbon dates 1X: Radiocarbon, v.9, p. 505-529.

11. Ives, P.C., Levin, B., Robinson R. D., and Rubin, M.,1964, U. S. Geological Survey radiocarbon dates VII: Radiocarbon, v.6, p.37-76.

12. Kelley, L., Spiker, E., and Rubin, M, 1978, U.S. Geological Survey, Reston, Virginia, radiocarbon dates XIV: Radiocarbon, v.20, No. 2, p.283-312.

13. Levin, B., Ives, P. C., Oman, C. L., and Rubin, M., 1965, U. S. Geological Survey Radiocarbon Dates VIII: Radiocarbon, v. 7, p.372-398.

14. Lowdon, J. A., and Blake, Jr. W., 1975, Geological Survey of Canada radiocarbon dates XV: Geological Survey of Canada, Paper 75-7, 31 p.

15. Marsters, B., Spiker, E., and Rubin, M., 1969, U. S. Geological Survey radiocarbon dates X: Radiocarbon, v.11, no.1, p. 210-227.

16. McCallum, K. J., and Dyck, W., 1960, University of Saskatchewan radiocarbon dates II: American Journal of Science Radiocarbon Supplement, v. 2, p.73-81.

17. Olson, E. A.,and Broecker, W. S., 1959 Lamont natural radiocarbon measurements V: American Journal of Science Radiocarbon Supplement, v.1, p.1-28.

18. Robinson, S. W., 1977, U. S. Geological Survey, Menlo Park, California, radiocarbon measurements I: Radiocarbon, v. 19, no. 3, p.460-464.

19. Rubin, M., and Alexander C., 1958, U. S. Geological Survey radiocarbon dates IV: Science, v.127, no.3313, p. 1476-1487.

20. Rubin, M., and Alexander, C., 1960, U. S. Geological Survey radiocarbon dates V: American Journal of Science Radiocarbon Supplement, v. 2, p. 129-185.

21. Rubin M., and Berthold, S. M., 1961, U. S. Geological Survey radiocarbon dates VI: Radiocarbon, v.3, p. 86-98.

22. Rubin, M., and Suess, H. E., 1956, U. S. Geological Survey radiocarbon dates III: Science, v. 123, no.3194, p. 442-448.

23. Spiker, E., Kelley, L., Oman, C., and Rubin, M., 1977, U. S. Geological Survey radiocarbon dates XII: Radiocarbon, v. 19, no. 2, p. 332-353.

24. Sullivan, B. M., Spiker, E., and Rubin, M., 1970, U. S. Geological Survey Radiocarbon Dates XI: Radiocarbon, v. 12, no. 1, p. 319-334.

25. Thompson, G., 1978, Prehistoric settlement changes in the southern Northwest Coast: A functional approach: University of Washington Department of Anthropology, Reports in Archaeology, No. 5, 169 p.

26. Trautman, M. A., and Willis, E. H., 1966, Isotopes, Inc., radiocarbon measurements V: Radiocarbon, v. 8, p. 161-203.

27. Tucek, C. S., 1977, Radiocarbon, LTD natural radiocarbon measurements III: Radiocarbon, v. 19, no. 2, p.245-262.

28. Vogel, J. C., and Waterbolk, H. T., 1972, Groningen radiocarbon dates X: Radiocarbon, v. 14, no. 1, p. 6-110.