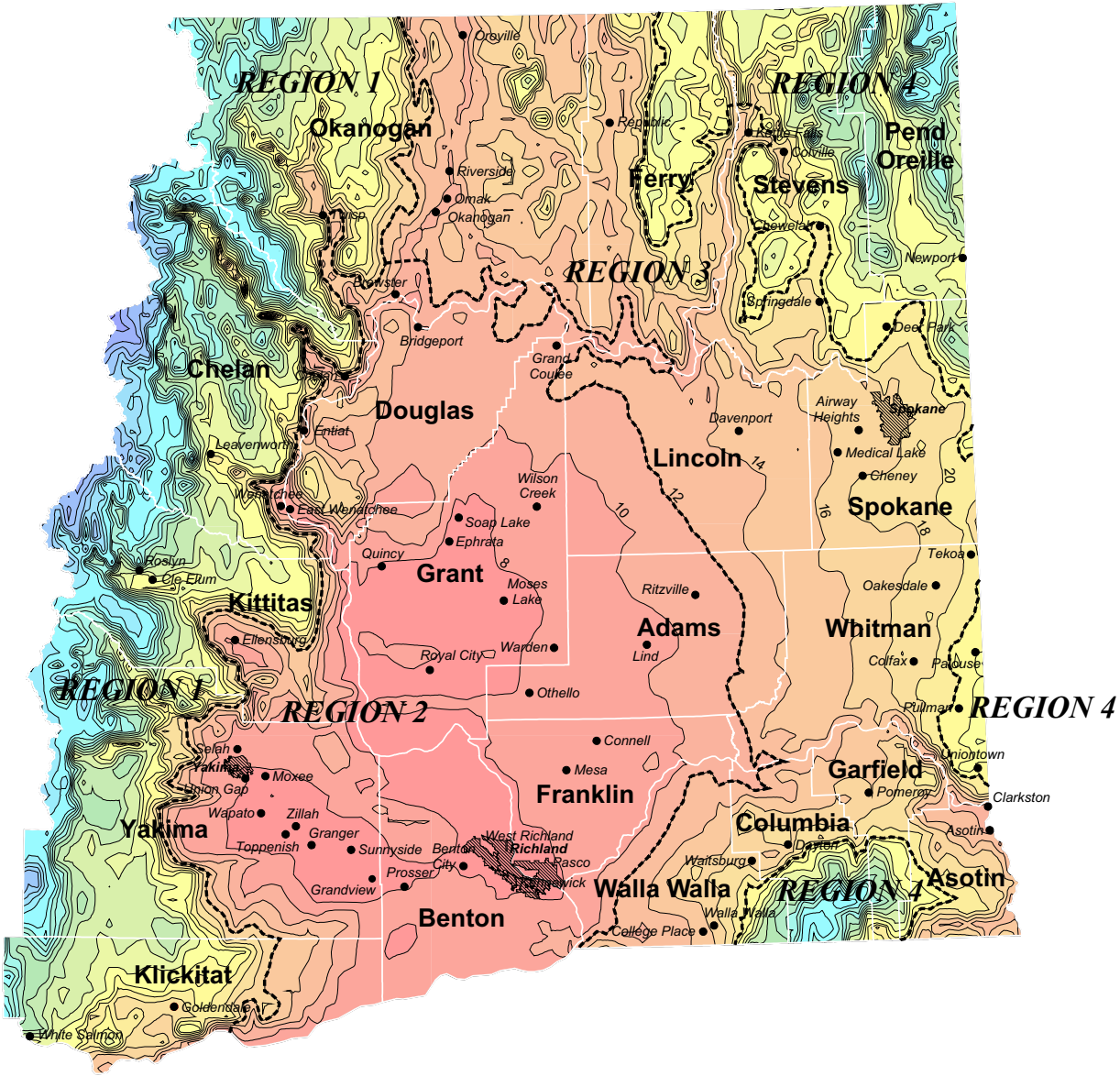
Eastern Washington Stormwater Manual

Average Annual Precipitation 1961-1990 With Climate Regions



Inches Per Year

- 6-8
- 8-10
- 10-12
- 12-14
- 14-16
- 16-18
- 18-20
- 20-22
- 22-24
- 24-28
- 28-32
- 32-36
- 36-40
- 40-44
- 44-48
- 48-52
- 52-56
- 56-60
- 60-70
- 70-80
- 80-90
- 90-100
- 100-120
- 120-140
- 140-160
- 160-180
- 180-200

REGION 1: *East Slope Cascades*

REGION 2: *Central Basin*

REGION 3: *Okanogan, Spokane, Palouse*

REGION 4: *NE & Blue Mountains*

SOURCE: *Oregon Climate Service, U.S. Department of Agriculture, Natural Resources Conservation Service*

N W E S

Scale 1:1,600,000

0 10 20 30 40 50

Statute Miles

Map projection: State Plane Washington South, NAD 27

Created on March 28, 2002

DAVID EVANS AND ASSOCIATES INC.

Figure 4-3.1

Eastern Washington Stormwater Manual

2-Year 2-Hour Isopluvial Map

Isopluvials of 2-Year 2-Hour

Precipitation in Tenths of an Inch

SOURCE: *Dam Safety Guidelines, Technical Note 3, Design Storm Construction, Washington State Department' of Ecology, Water Resources Program, report 92-55G April 1993.*

N
W E
S

Scale 1:1,600,000

0 10 20 30 40 50

Map projection: State Plane Washington South, NAD 27

Created on April 23, 2002

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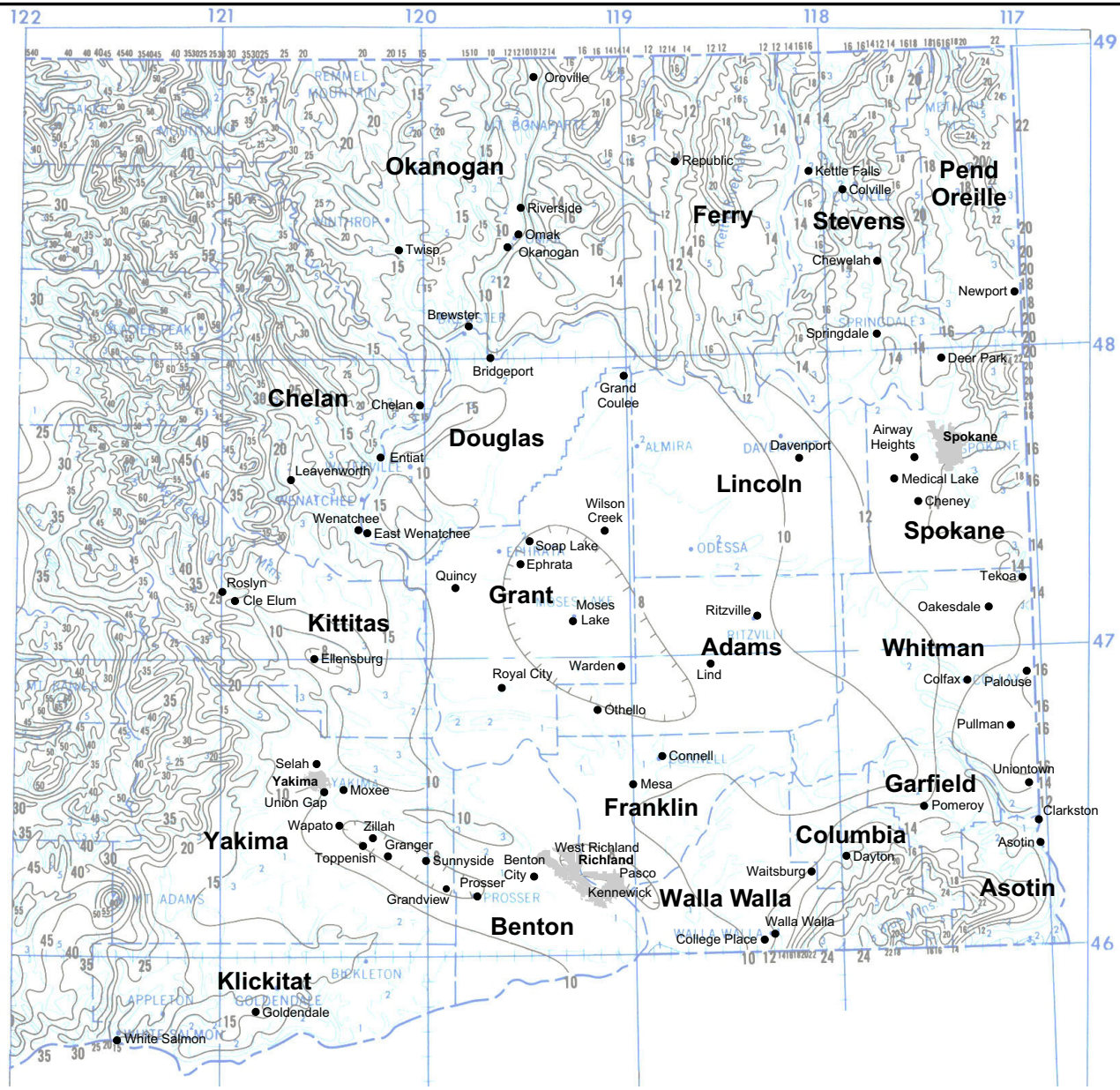
Figure 4-3.2



Eastern Washington Stormwater Manual

2-Year 24-Hour Isopluvial Map

Isopluvials of 2-Year 24-Hour

Precipitation in Tenths of an Inch

SOURCE: *NOAA ATLAS 2, Volume IX*

Prepared by U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service, Office of Hydrology

Prepared for U.S. Deparment of Agriculture,
Soil Conservation Service, Engineering Division

N
W E
S

Scale 1:1,600,000

0 10 20 30 40 50

Map projection: State Plane Washington South, NAD 27

Created on April 23, 2002

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Figure 4-3.3

Eastern Washington Stormwater Manual

10-Year 24-Hour Isopluvial Map

Isopluvials of 10-Year 24-Hour

Precipitation in Tenths of an Inch

SOURCE: *NOAA ATLAS 2, Volume IX*

Prepared by U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service, Office of Hydrology

Prepared for U.S. Deparment of Agriculture,
Soil Conservation Service, Engineering Division

N
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Scale 1:1,600,000

0 10 20 30 40 50

Map projection: State Plane Washington South, NAD 27

Created on April 23, 2002

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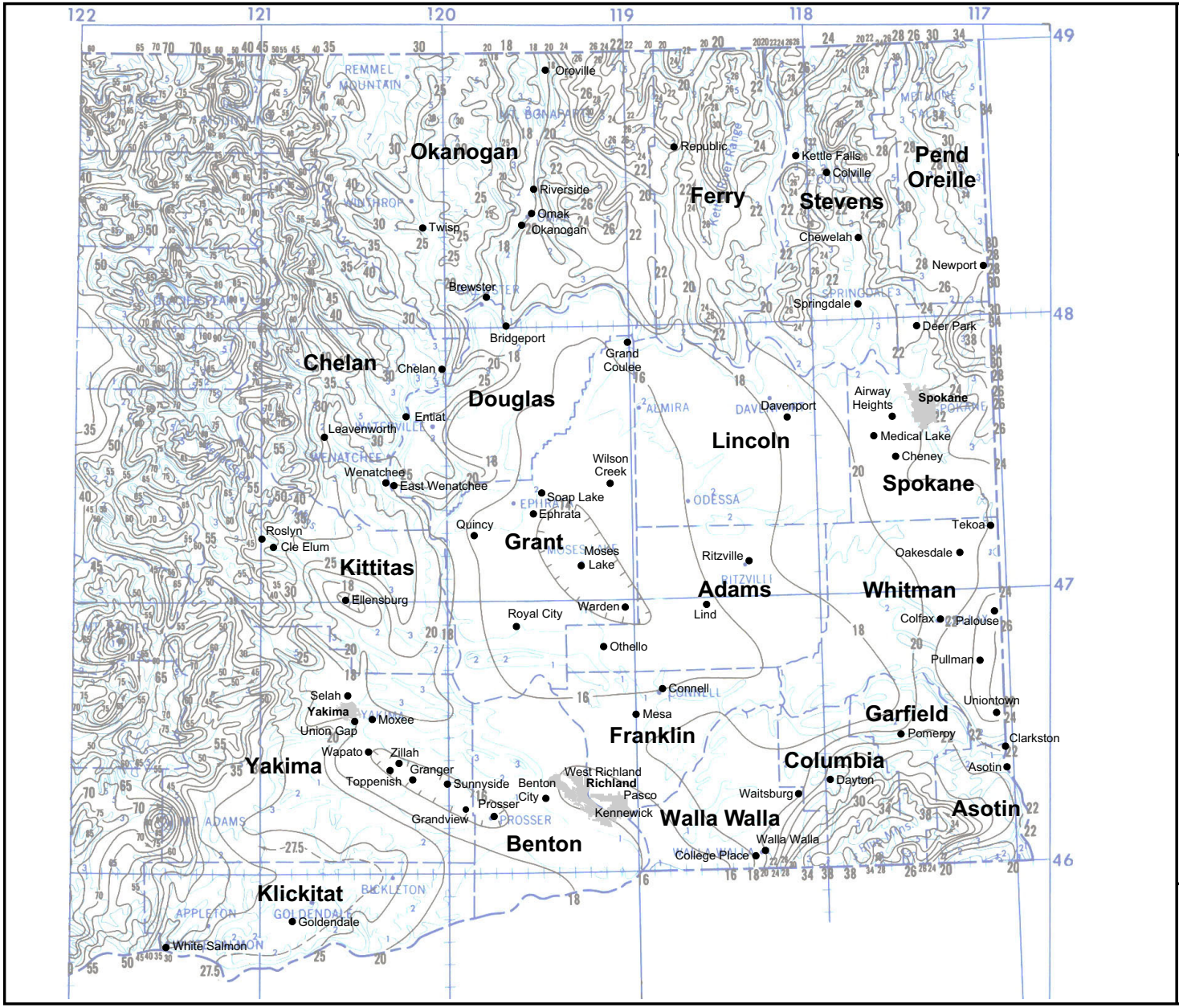
Figure 4-3.4



Eastern Washington Stormwater Manual

25-Year 24-Hour Isopluvial Map

Isopluvials of 25-Year 24-Hour

Precipitation in Tenths of an Inch

SOURCE: *NOAA ATLAS 2, Volume IX*

Prepared by U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service, Office of Hydrology

Prepared for U.S. Deparment of Agriculture,
Soil Conservation Service, Engineering Division

N
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Scale 1:1,600,000

0 10 20 30 40 50

Map projection: State Plane Washington South, NAD 27

Created on April 23, 2002

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Figure 4-3.5

Eastern Washington Stormwater Manual

50-Year 24-Hour Isopluvial Map

Isopluvials of 50-Year 24-Hour

Precipitation in Tenths of an Inch

SOURCE: *NOAA ATLAS 2, Volume IX*

Prepared by U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service, Office of Hydrology

Prepared for U.S. Deparment of Agriculture,
Soil Conservation Service, Engineering Division

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Scale 1:1,600,000

0 10 20 30 40 50

Map projection: State Plane Washington South, NAD 27

Created on April 23, 2002

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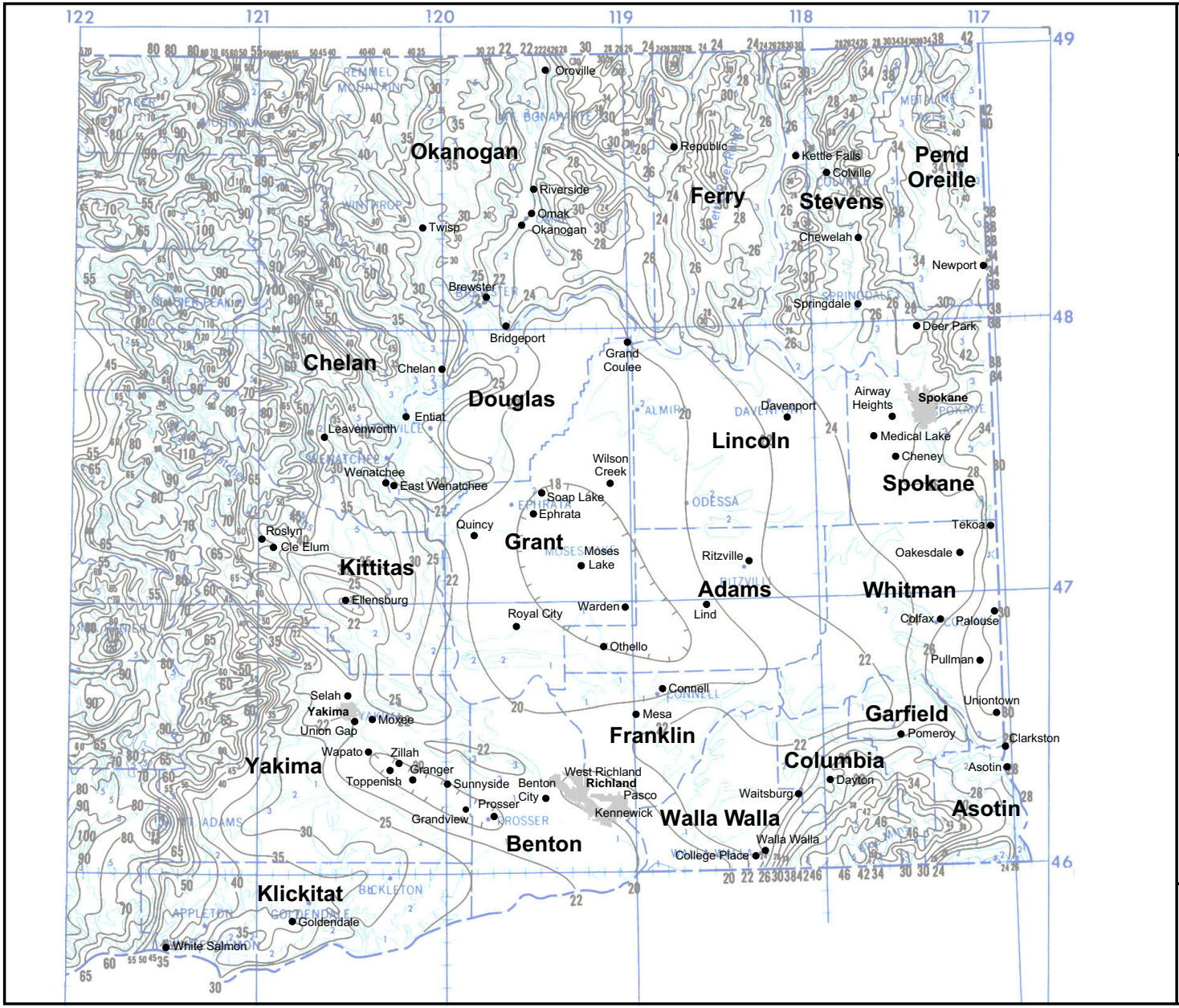
Figure 4-3.6



Eastern Washington Stormwater Manual

100-Year 24-Hour Isopluvial Map

Isopluvials of 100-Year 24-Hour

Precipitation in Tenths of an Inch

SOURCE: *NOAA ATLAS 2, Volume IX*

Prepared by U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service, Office of Hydrology

Prepared for U.S. Deparment of Agriculture,
Soil Conservation Service, Engineering Division

N
W E
S

Scale 1:1,600,000

0 10 20 30 40 50

Map projection: State Plane Washington South, NAD 27

Created on April 23, 2002

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Figure 4-3.7