Bibliography of Hydrogeology for the Willamette Valley, Oregon

By D.S. Morgan and D.G. Weatherby

A contribution of the Regional Aquifer-System Analysis Program

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MANUEL LUJAN, JR., Secretary
U.S. GEOLOGICAL SURVEY
Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
10615 S.E. Cherry Blossom Drive
Portland, OR 97216

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ABSTRACT

A bibliography containing about 550 references on the hydrogeology of the Willamette Valley was compiled as part of the Puget-Willamette Lowland Regional Aquifer System Analysis study. A separate bibliography was compiled for the Puget Lowland part of the study area. The report is organized into two parts: an author-alphabetized reference list, and a subject index with 81 topic and geographic keywords. Materials referenced include maps, reports, journal articles, theses, and dissertations.

INTRODUCTION

In 1989, the U.S. Geological Survey began a study to describe the ground-water flow systems of the Puget-Willamette Lowland (PWL) in Washington and Oregon. The study was initiated as part of the national Regional Aquifer System Analysis (RASA) program with the goals of

> "...defining the regional hydrology and geology and establishing a framework of background information on the geology, hydrology and geochemistry of the aquifer system..." (Sun, 1986).

The PWL-RASA study area extends from southern British Columbia, Canada to west-central Oregon. The geology and hydrology of the northern part of the study area, the Puget-Lowland, differs considerably from that of the Willamette Valley in the southern part. Consequently, separate bibliographies were compiled for each part of the study area. Selected references for the Puget-Lowland were compiled by Jones (1991).

The purpose of this report is to present, for the Willamette Valley, Oregon (fig. 1), a bibliography of selected references in hydrology, geology, water quality and other water resource related fields. Because the hydrogeology of the Willamette Valley is related to that of the adjacent Coast and Cascade Ranges, the bibliography includes pertinent references for these provinces as well. The bibliography is not intended to be a complete list of references. The references included represent published and unpublished works considered by the authors to have particular significance or relevance to understanding the ground-water resources of the Willamette Valley.

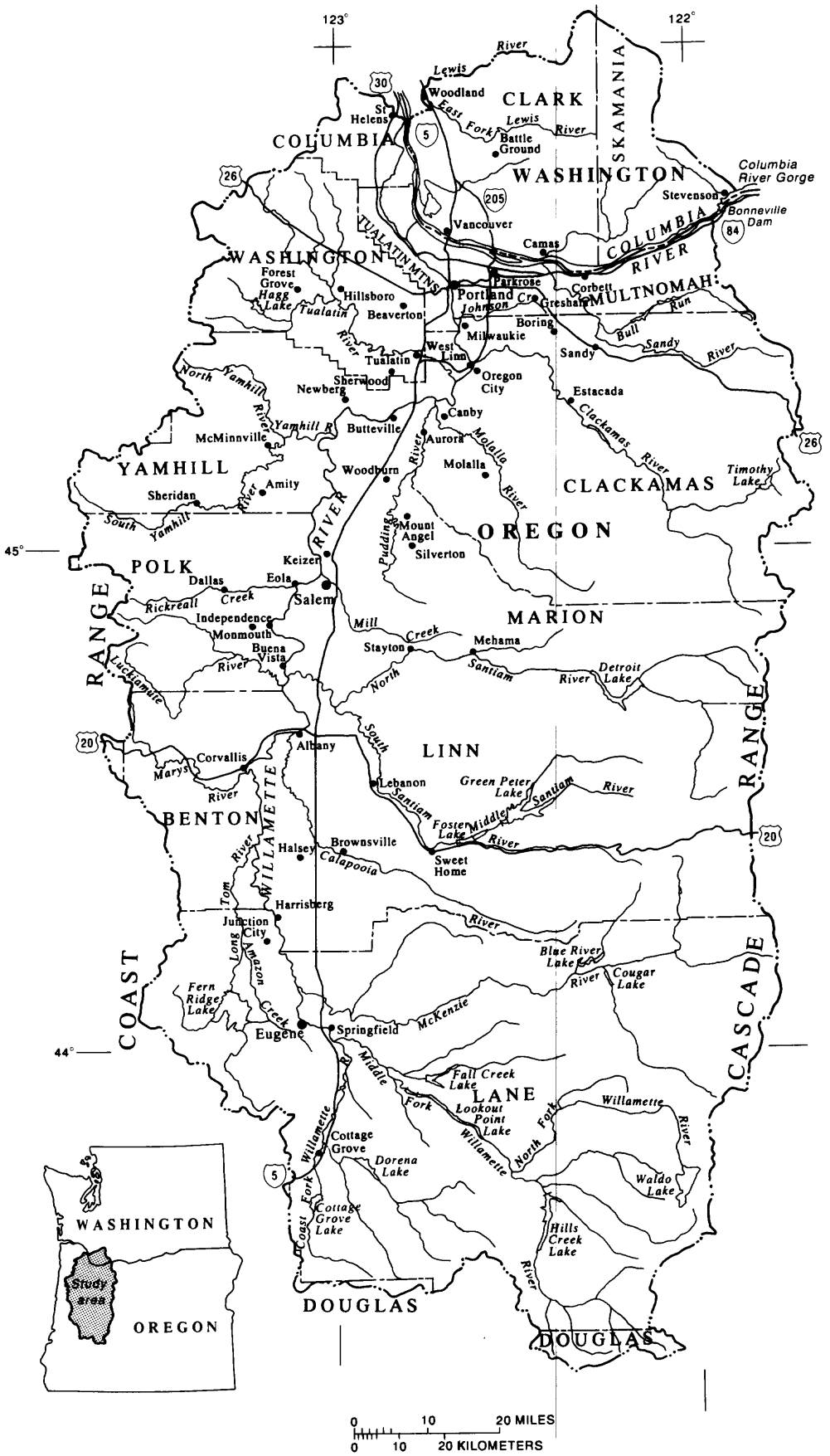

Figure 1.--Location map of the study area.

The bibliography contains about 550 references including reports, maps, journal articles, theses and dissertations. References were compiled by: (1) querying local, state and Federal agencies, consulting firms, and university libraries; (2) locating previously published bibliographies; and (3) searching bibliographic databases.

Each reference was indexed from a list of 68 subject keywords and 13 geographic (county) keywords. The report is organized into two parts. Part I is a list of complete bibliographic citations, alphabetized by author. Part II is a subject index to the references in which the reference number and title of each refernce is listed by topic/geographic keyword. Numbers are used to cross reference Part I and II.

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12. Geology of the Albany Quadrangle, Oregon.

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19. Geology of the Northwest quarter of the Brownsville quadrangle, Oregon.

32. The geology of the Windberry Creek area, Lane County, Oregon.

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39. Geology of the Sheridan and McMinnville quadrangles, Oregon.

43. The geology of the central third of the Lyons quadrangle, Oregon.

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547. Bedrock geologic map of the Willamette Valley, Oregon (abstr.).

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73. Water quantity and quality studies of Vancouver Lake, Washington.

91. Erosion potential assessment for the Willamette River basin, Oregon River-quality assessments.

109. Seasonal precipitation forecasting with a 6-7 month lead time in the Pacific Northwest using an information theoretic model.

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217. Some characteristics and consequences of snowmelt during rainfall in western Oregon.

272. Rainfall-runoff data for selected basins, Portland, Oregon, and Vancouver, Washington, 1973-77.

269. Storm runoff as related to urbanization in the Portland, Oregon-Vancouver, Washington.

270. Storm runoff as related to urbanization based on data collected in Salem, and Portland, and generalized for the Willamette Valley, Oregon.

289. Overland flow from sloping land: Effects of perched water tables and subsurface drains.

355. Oregon's long-range requirements for water: General soil map report with irrigable areas, Willamette Drainage Basin.

431. Surface water records and precipitation records of Oregon; 1978 water year.

456. Surface water records and precipitation records of Oregon, 1978 water year.

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72. Sediment and organic matter transport in Oregon Coast Range streams.

85. Aeromagnetic map of Albany-Newport area, Oregon and its geologic interpretation.

128. Stratigraphic and petrologic analysis of trends within the Spencer Formation sandstones from Corvallis, Benton County, to Henry Hagg Lake...

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189. Ground water resources of the Dallas-Monmouth area, Polk, Benton, and Marion Counties, Oregon.

267. Soil survey of the Benton County area, Oregon.

281. Field guide to the geology of Corvallis and vicinity, Oregon.

341. The geomagnetic coast effect in the pacific northwest of North America.

424. Rock material resources of Benton County, Oregon.

492. Land use and land cover and associated maps for Salem (W 1/2) Oregon.

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510. Results of a magnetotelluric traverse across western Oregon; crustal resistivity structure and the subduction of the Juan de Fuca Plate.

548. Surface eroded non-point source pollutants entering selected upper Willamette River tributaries from agricultural lands.

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9. Geology of the Sandy River Preserve.

17. The stratigraphy and structure of the Columbia River Basalt in the Clackamas River drainage.

25. Flood plain information: Willamette River, Johnson, Kellogg, and Mt. Scott Creeks, Milwaukie-Oak Grove-Lake Oswego, Oregon.

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37. The origin of Oswego Lake valley and Oswego Lake.

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64. Geologic map of the Lake Oswego quadrangle, Clackamas, Multnomah, and Washington Counties, Oregon.

62. Stratigraphy and structure of the Columbia River Basalt Group in the Cascade Range, Oregon Geothermal resource assessment of Mount Hood.

92. A synoptic approach for analyzing erosion as a guide to land-use planning.

98. Environmental geology of the Kellogg Creek-Mt. Scott Creek and lower Clackamas River drainage areas, northwestern Clackamas County, Oregon.

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105. Post-glacial lahars of the Sandy River basin, Mount Hood, Oregon.

113. Preliminary investigation of lithological characteristics of the Troutdale Formation in Camas, Sandy, Washoughal, and Bridal Veil quadrangles.

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186. Gravel deposits in the Willamette Valley between Salem and Oregon City, Oregon.

190. Ground-water resources in the Hood Basin, Oregon.

209. Preliminary report on the reconnaissance geology of the Upper Clackamas and North Santiam Rivers area, Cascade Range, Oregon.

245. Heat-flow and water-chemistry data from the Cascade Range and adjacent areas in north-central Oregon.

255. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 4 drill hole, Clackamas County, Oregon.

256. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 3 drill hole, Clackamas County, Oregon.

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284. Availability of ground water in the northern part of Clackamas County, Oregon.

285. Ground water in the northern part of Clackamas County, Oregon.

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351. Geophysical logs, Old Maid Flat 1, Clackamas County, Oregon.

353. Overview of ground-water quality in the Willamette - Sandy Basin: memo to Oregon Water Resources Department Ground Water Work Group.

360. Geologic map of the Elk Prairie quadrangle, Marion and Clackamas Counties, Oregon.

358. Mid Tertiary stratigraphy of the Oregon western Cascades.

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369. An analysis of gravity surveys in the Portland Basin, Oregon.

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382. Geology and water resources in the French Prairie area, northern Willamette Valley, Oregon.

381. Records of wells, water levels, and chemical quality of the ground water in the French Prairie - Mission Bottom area, northern Willamette Valley, Oregon.

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45. Late Quaternary vegetation near Battle Ground Lake, southern Puget Trough, Washington.

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73. Water quantity and quality studies of Vancouver Lake, Washington.

106. Ground-water management and development plan: Report prepared for Clark County Public Utility District.

127. Mudflows resulting from the May 18, 1980 eruption of Mount St. Helens, Washington.

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144. Geology and ground-water resources in the vicinity of the Columbia River and Interstate 5, Clark County, Washington; No. 3.

145. Geology and ground-water resources in the vicinity of the Columbia River and Interstate 5, Clark County, Washington; No. 2.

151. Lewis River basin, Washington.

155. Sand and gravel in Clark County, Washington.

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199. Geophysical study of north Scappoose Creek, Alder Creek, Clatskanie River Linement along the trend of the Portland Hills Fault, Columbia County, Oregon.

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253. Geochemical evidence for changing provenance of Tertiary formations in northwestern Oregon.

261. Stratigraphy, lithofacies, and environment of deposition of the Scappoose Formation in central Columbia County, Oregon.

290. Late Cenozoic geology of the lower Columbia River Valley, Oregon and Washington.

311. Subsurface biostratigraphy of the east Nehalem Basin, Columbia County, Oregon.

336. Upper Eocene stratigraphy of the upper Nehalem River basin.

346. Subsurface correlations in the Mist area, Columbia County, Oregon.

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300. Regional correlation of Grande Rhonde Basalt flows, Columbia River Basalt Group, Washington, Oregon, and Idaho.

334. Tectonic and paleoenvironmental significance and magnetic-geochemical stratigraphy of the Columbia River Basalt at the middle Miocene shoreline, northwestern Oregon Coast Range.

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342. Storage of ground water behind subsurface dams in the Columbia River basalt, Washington, Oregon, and Idaho.

343. Tectonic structure of the main part of the basalt of the Columbia River Group Washington, Oregon, and Idaho.

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370. Algal growth potential--lower Willamette River, Oregon.

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193. Mineral potential of the Fall Creek mining district; a geological-geochemical survey.

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257. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 2 drill hole, Linn County, Oregon.

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218. Water input-movement relations for an earthflow, western Cascades, Oregon.

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266. Streambank erosion protection and channel scour manipulation using rockfill dikes and gabions.

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280. Turbidity-induced meromixis in an Oregon reservoir; hypothesis.

318. Erosional problems related to land-use activities in the Willamette River basin, Oregon.

422. Engineering geology of the Tualatin Valley region, Oregon.

423. Geology and geological hazards of northwestern Clackamas County, Oregon.

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453. Ash Creek RC & D measure work plan for flood prevention.

454. Ash Creek RC & D project, Polk County, Oregon; environmental. assessment.

486. Flood hazard analysis, Hendricks Bridge to Leaburg Dam on the McKenzie River, Lane County, Oregon.

485. Flood-plain study of the Seavy Loop area, Coast Fork, Willamette River, Lane County, Oregon.

517. Land and water use in Oregon.

535. Willamette Basin comprehensive study of water and related land resources: Appendix E--Flood Control.

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14. Late Pleistocene sediments and floods in the Willamette Valley.

292. Influence of landslides, floods, and land use on channel changes of the upper Middle Fork Willamette River, Oregon.

293. Land use, floods, and channel changes: upper Middle Fork Willamette River, Oregon (1936-1980).

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53. Geologic hazards of the Bull Run watershed, Multnomah and Clackamas Counties, Oregon.

55. Geologic hazards of parts of northern Hood River, Wasco, and Sherman Counties, Oregon.

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127. Mudflows resulting from the May 18, 1980 eruption of Mount St. Helens, Washington.

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418. Bibliography of theses on Oregon Geology.

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439. Generalized isopach map of Tertiary sedimentary rocks, western Oregon and Washington, and adjacent continental margin.

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79. Characterization of water tables in Oregon soils with reference to trafficability.

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209. Preliminary report on the reconnaissance geology of the Upper Clackamas and North Santiam Rivers area, Cascade Range, Oregon.

228. Geology of the southwest quarter of the Brownsville quadrangle, Oregon.

232. Ground-water resources of the lower Santiam River basin, middle Willamette Valley, Oregon.

231. Records of wells, water levels, and chemical quality of water in the lower Santiam River basin, middle Willamette Valley, Oregon.

234. Geology, geomorphology and dynamics of mass movement in the Middle Santiam River drainage, Western Cascades, Oregon.

245. Heat-flow and water-chemistry data from the Cascade Range and adjacent areas in north-central Oregon.

257. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 2 drill hole, Linn County, Oregon.

258. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 1 drill hole, Linn County, Oregon.

271. Preliminary study using digital modeling techniques to understand and predict the temperature regime in a stream below a major reservoir--The North Santiam River below Detroit Dam, Oregon.

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470. Field geology of S.W. Broken Top quadrangle, Oregon.

471. Geologic map of the Three Sisters Wilderness, Deschutes, Lane, and Linn Counties, Oregon.

488. Soil survey of Linn County area, Oregon.

501. Aeromagnetic map of west-central Oregon.

492. Land use and land cover and associated maps for Salem (W 1/2), Oregon.

498. Land use and land cover, 1974-75, North Santiam River, Oregon.

499. Land use and land cover, 1974-76, McKenzie River, Oregon.

505. Geological linears of the northern part of the Cascade Range, Oregon.

510. Results of a magnetotelluric traverse across western Oregon; crustal resistivity structure and the subduction of the Juan de Fuca Plate.

512. Mineral resource potential of the middle Santiam Roadless Area, Linn County, Oregon.

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24. Flood plain information: Willamette River and Tributaries in Marion and Polk Counties, Oregon.

35. The stratigraphy and depositional setting of the Spencer Formation, west-central Willamette Valley, Oregon.

66. Geology of the Rickreall, Salem West, Monmouth, and Sidney 7 1/2' quadrangles, Marion, Polk, and Linn Counties, Oregon.

86. Geologic interpretation of the aeromagnetic map of the Lebanon quadrangle, Linn and Marion Counties, Oregon.

110. Geology of the Breitenbush Hot Springs area, Cascade Range, Oregon.

122. Free-air gravity anomaly; northern Oregon Cascades.

157. Hydrologic conditions and artificial recharge through a well in the Salem Heights area of Salem, Oregon.

186. Gravel deposits in the Willamette Valley between Salem and Oregon City, Oregon.

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202. The geology of the northern third of the Lyons quadrangle, Oregon.

209. Preliminary report on the reconnaissance geology of the Upper Clackamas and North Santiam Rivers area, Cascade Range, Oregon.

213. Geology and ground water of the Molalla-Salem Slope area, northern Willamette Valley, Oregon.

212. Records of wells, water levels, and chemical quality of ground water in the Molalla-Salem, Slope area, northern Willamette Valley, Oregon.

216. Preliminary report on the geology of the Molalla quadrangle, Oregon.

227. Principal facts for a gravity survey of Breitenbush known geothermal resource area, Oregon.

245. Heat-flow and water-chemistry data from the Cascade Range and adjacent areas in north-central Oregon.

271. Preliminary study using digital modeling techniques to understand and predict the temperature regime in a stream below a major reservoir--The North Santiam River below Detroit Dam, Oregon.

270. Storm runoff as related to urbanization based on data collected in Salem, and Portland, and generalized for the Willamette Valley, Oregon,

323. Mid-Tertiary transgressive rocky coast sedimentation; central western Cascade Range, Oregon.

326. Appraisal of storm-water quality near Salem, Oregon.

332. Geology of the Salem quadrangle, Oregon.

348. Geology of the Stayton quadrangle, Oregon.

359. Geologic map of the Drake Crossing quadrangle, Marion County, Oregon.

360. Geologic map of the Elk Prairie quadrangle, Marion and Clackamas Counties, Oregon.

358. Mid Tertiary stratigraphy of the Oregon western Cascades.

382. Geology and water resources in the French Prairie area, northern Willamette Valley, Oregon.

381. Records of wells, water levels, and chemical quality of the ground water in the French Prairie - Mission Bottom area, northern Willamette Valley, Oregon.

387. Geologic map of the Breitenbush River area, Linn and Marion Counties, Oregon.

420. Geologic restraints to development in selected areas of Marion County, Oregon.

473. Geology of the Salem Hills and the North Santiam River basin, Oregon.

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494. Land use and land cover and associated maps for Vancouver, Oregon, Washington.

498. Land use and land cover, 1974-75, North Santiam River, Oregon.

505. Geological linears of the northern part of the Cascade Range, Oregon.

510. Results of a magnetotelluric traverse across western Oregon; crustal resistivity structure and the subduction of the Juan de Fuca Plate.

513. Geologic map of the Salem one degree by two degree sheet

525. Geology and geochemistry of volcanic rocks in the Detroit area, western Cascade Range, Oregon

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34. Explore-I: A river basin water quality model.

50. Nonlinear programming in river basin modeling.

51. Functional evaluation of a water resources system.

67. General model to simulate flow in branched estuaries.

80. Soils morphology and water table fluctuation: I. Annual water table fluctuations.

88. Decision making in water resource allocation.

103. Computer Simulation of land use dynamics.

134. Water discharge determinations for the tidal reach on the Willamette river from Ross Island Bridge to Mile 10.3, Portland, Oregon.

141. Effect of an industrial ammonia discharge on the dissolved oxygen regime of the Willamette River, Oregon.

140. A geographically variable water quality index used in Oregon.

147. Cost efficiency of time-varying discharge permit programs for water quality management.

167. Effectiveness of river models.

176. The 1980 Polallie Creek debris flood and subsequent dam-break flow, east Fork Hood River basin, Oregon.

230. Energy analysis of regional water pollution control.

271. Preliminary study using digital modeling techniques to understand and predict the temperature regime in a stream below a major reservoir--The North Santiam River below Detroit Dam, Oregon.

303. Evaluation of selected one-dimensional stream water-quality models with field data.

308. Well field hydrogeology and simulation modeling, Portland, Oregon.

315. Steady-state dissolved oxygen model of the Willamette River, Oregon.

390. Linear programming applied to water quality management.

392. River quality assessment: The basis for management decisions.

391. River-quality assessment: Concept, framework, and application in the Willamette River basin, Oregon.

393. Use of dissolved oxygen modeling results in the management of river quality.

402. Dissolved-oxygen and algal conditions in selected locations of the Willamette River basin, Oregon.

432. Reservoir-system model for the Willamette River basin, Oregon.

433. A multiple-storage model for simulating uniform streamflow.

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10. The Catlin Gabel lava tubes of West Portland; remnants of a Plio-Pleistocene cave system.

8. Volcanoes of the Portland area, Oregon.

29. Columbia and Lower Willamette Rivers below Vancouver, Washington, and Portland, Oregon, Slaughters Bar Reach (Final Enviromental Impact Statement).

40. Evidence for the Portland Hills fault.

53. Geologic hazards of the Bull Run watershed, Multnomah and Clackamas Counties, Oregon.

61. Fault identification and structural evolution of the Portland area.

64. Geologic map of the Lake Oswego quadrangle, Clackamas, Multnomah, and Washington Counties, Oregon.

58. A model for the geologic history of Mount Tabor, Kelly Butte, and Powell Butte in southeast Portland.

60. Portland environmental geology--Fault identification: Final technical report.

68. Preliminary tectonic map of the greater Portland area.

69. Geometry and tectonic evolution of the Columbia Hills anticline, Washington and Oregon.

90. Problems of utilizing ground water in the west-side business district of Portland, Oregon.

112. Analysis of biological data collected in the Bull Run watershed, Portland, Oregon, 1978 to 1983.

111. Water-quality data for Smith and Bybee lakes, Portland, Oregon, June to November, 1982.

126. Recent eruptive history of Mount Hood, Oregon, and potential hazards from future eruptions.

129. Interim status report, Ground-water monitoring project, Pretreatment plant surface impoundment, Boeing of Portland, Facility.

131. An analysis of the eastern margin of the Portland Basin using gravity surveys.

139. A preliminary interpretation of gravity data in east Portland, Oregon.

146. Johnson Creek water-quality assessment.

158. Records of wells and springs, water levels, and chemical quality of ground water in the east Portland area, Oregon.

173. Quality of bottom material and elutriates in the lower Willamette River, Portland Harbor, Oregon.

176. The 1980 Polallie Creek debris flood and subsequent dam-break flow, east Fork Hood River basin, Oregon.

182. Low-cost computer classification of land cover in the Portland area, Oregon, by signature extension techniques.

184. Geologic history of the Portland region.

195. Soil survey of Multnomah County, Oregon.

198. Water resources of the Portland, Oregon, Vancouver, Washington area.

207. Introductory report on project PEG, Portland Environmental Geology.

211. A preliminary geological investigation of the ground effects of earthquakes in the Portland metropolitan area, Oregon.

226. Lithology, thickness, and extent of hydrogeologic units underlying the east Portland area, Oregon.

238. Geology of the Portland well field.

237. Hydrogeology of the Portland Basin.

239. Ground water in the east Portland area, Oregon.

249. Gravimetric investigation of the tectonics of the Portland Hills.

248. Microearthquakes near Portland, Oregon.

250. Analysis of a gravity traverse south of Portland.

251. Interpretation of gravity in the Portland, Oregon area.

272. Rainfall-runoff data for selected basins, Portland, Oregon, and Vancouver, Washington, 1973-77.

269. Storm runoff as related to urbanization in the Portland, Oregon-Vancouver, Washington.

270. Storm runoff as related to urbanization based on data collected in Salem, and Portland, and generalized for the Willamette Valley, Oregon.

274. Boeing of Portland, Phase I investigation.

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283. The petrology and stratigraphy of the Portland Hills Silt -- A Pacific Northwest Loess.

302. Ground-water data in the Portland Basin, Oregon and Washington.

308. Well field hydrogeology and simulation modeling, Portland, Oregon.

314. Analysis of bottom material from the Willamette River, Portland Harbor, Oregon.

317. Major arterial map.

328. Analysis of street sweepings, Portland, Oregon.

327. Analysis of urban storm-water quality from seven basins near Portland, Oregon.

324. Basic data on urban storm-water quality, Portland, Oregon.

325. Data on urban storm-water quality, Portland, Oregon.

353. Overview of ground water quality in the Willamette - Sandy Basin: memo to Oregon Water Resources Department Ground Water Work Group.

362. Environmental geology for planning of the Marquam Hill area, Portland, Oregon.

363. Urban environmental geology and planning, Portland, Oregon.

369. An analysis of gravity surveys in the Portland Basin, Oregon.

373. Geologic map of the Vancouver Quadrangle, Washington and Oregon.

388. Subsurface sewage disposal and contamination of ground water in east Portland, Oregon.

401. Water-quality variations in the Bull Run watershed, Oregon, under 1978 to 1983 management conditions.

403. Elutriation study of Willamette River bottom material and Willamette--Columbia River water.

404. Monitoring water-quality during pilot dredging in the Willamette and Columbia Rivers, Oregon.

409. Water quality and the migration of fall salmon in the lower Willamette River.

426. Geological analysis of the Portland Hills-Clackamas River alignment, Oregon.

428. The quantification of soil mass movements and their relationship to bedrock geology in the Bull Run Watershed, Multnomah and Clackamas Counties, Oregon.

441. The OMSI-Zoo landslide.

463. A stratigraphic-geochemical study of the Troutdale Formation and Sandy River Mudstone in the Portland Basin and lower Columbia River Gorge.

469. Water quality within east Portland terraces.

479. Geologic history of the Portland area.

480. Geologic map of the Portland area, Oregon.

481. Geology of the Portland quadrangle, Oregon-Washington.

482. Geology of Portland, Oregon and adjacent areas: A study of Tertiary and Quaternary deposits, lateritic weathering profiles, and of Quaternary history of part of the Pacific Northwest.

494. Land use and land cover and associated maps for Vancouver, Oregon, Washington.

505. Geological linears of the northern part of the Cascade Range, Oregon.

507. The stratigraphy and structure of the Columbia River Basalt Group in the Bull Run Watershed, Multnomah and Clackamas Counties, Oregon.

544. Ground water exploratory program.

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179. Biostratigraphy of the Type Yamhill Formation, Polk County, Oregon.

312. Biostratigraphy of exploratory wells, northern Willamette Basin, Oregon.

313. Biostratigraphy of exploratory wells, southern Willamette Basin, Oregon.

310. Micropaleontological study of five wells, western Willamette Valley, Oregon.

316. Stratigraphic and biostratigraphic relationships of the Tyee and Yamhill Formations in central-western Oregon.

335. Age, facies relations, and a river mouth/shelf/submarine channel depositional model for the Clifton Formation, northwestern Oregon.

407. The palynology of a nonmarine Neogene deposite in the Willamette Valley, Oregon.

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6. Contributions to the structure, stratigraphy and petrology of the Lower Columbian Gorge.

14. Late Pleistocene sediments and floods in the Willamette Valley.

38. Early Tertiary sedimentary and tectonic history of the southern Coast Range, Oregon.

113. Preliminary investigation of lithological characteristics of the Troutdale Formation in Camas, Sandy, Washoughal, and Bridal Veil quadrangles.

128. Stratigraphic and petrologic analysis of trends within the Spencer Formation sandstones from Corvallis, Benton County, to Henry Hagg Lake...

229. Welded tuff along the Row River, western Oregon.

242. Geochemistry, petrogenesis, and tectonic implications of central High Cascade mafic platform lavas.

255. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 4 drill hole, Clackamas County, Oregon.

256. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 3 drill hole, Clackamas County, Oregon.

257. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 2 drill hole, Linn County, Oregon.

258. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 1 drill hole, Linn County, Oregon.

262. The Yakima Basalt in western Oregon and Washington.

283. The petrology and stratigraphy of the Portland Hills Silt -- A Pacific Northwest Loess.

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525. Geology and geochemistry of volcanic rocks in the Detroit area, western Cascade Range, Oregon.

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93. Preliminary geologic map of the Ballston quadrangle.

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356. Irrigation water supply study for the Red Prairie Irrigation District, Polk and Yamhill Counties, Oregon.

427. The geology of the southwestern part of the Valstez quadrangle, Oregon.

450. Ash Creek watershed, Polk County, preliminary investigation.

453. Ash Creek RC & D measure work plan for flood prevention.

454. Ash Creek RC & D project, Polk County, Oregon; environmental assessment.

449. Little Luckiamute River watershed work plan: A review draft.

452. Little Luckiamute River watershed, draft environmental statement.

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11. Pleistocene alluvial stages in northwestern Oregon.

33. Periodic floods from glacial Lake Missoula into the Sanpoil arm of glacial Lake Columbia, northeastern Washington.

42. Late Pleistocene stratigraphy, southern Willamette Valley, Oregon.

105. Post-glacial lahars of the Sandy River basin, Mount Hood, Oregon.

118. The Shukash and Lapine Basins; Pleistocene depressions in the Cascade Range of central Oregon.

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186. Gravel deposits in the Willamette Valley between Salem and Oregon City, Oregon.

187. Late Quaternary sedimentation and geologic history of the north Willamette Valley, Oregon.

252. Late-Quaternary sediments at Battle Ground Lake, southern Puget Trough, Washington.

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306. Field quidebook to the Quaternary stratigraphy, geomorphology and soils of the Willamette Valley, Oregon: Field trip no. 3.

305. Quaternary stratigraphy of the Willamette Valley, Oregon.

365. Geomorphic occurrence of pelloxererts, Willamette Valley, Oregon.

364. Quaternary soils and geomorphology, Willamette Valley.

405. The late Cenozoic history of an alluvial fill: the southern Willamette Valley, Oregon.

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181. Radiative temperatures in the Willamette Valley.

182. Low-cost computer classification of land cover in the Portland area, Oregon, by signature extension techniques.

337. Remote sensing report, Pacific Northwest area, Washington, Oregon, Idaho, April and July 1973.

376. Gravity and aeromagnetic measurements in the central Cascades of Oregon.

375. Gravity measurements in the central Oregon Cascades; a structural interpretation.

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1. Stratigraphy and sedimentation of the Spencer Formation in Yamhill and Washington Counties, Oregon.

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14. Late Pleistocene sediments and floods in the Willamette Valley.

21. Tectonic control of Eocene arkosic sediment deposition, Oregon and Washington.

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38. Early Tertiary sedimentary and tectonic history of the southern Coast Range, Oregon.

70. Seismic reflection studies of buried channels off the Columbia River.

71. Long-term patterns of sediment production following road construction and logging in the Oregon Coast Range

72. Sediment and organic matter transport in Oregon Coast Range streams.

91. Erosion potential assessment for the Willamette River basin, Oregon River-quality assessments.

92. A synoptic approach for analyzing erosion as a guide to land-use planning.

104. Geology of the southcentral margin of the Tillamook Highlands; southwest quarter of the Enright quadrangle, Tillamook County, Oregon.

105. Post-glacial lahars of the Sandy River basin, Mount Hood, Oregon.

186. Gravel deposits in the Willamette Valley between Salem and Oregon City, Oregon.

187. Late Quaternary sedimentation and geologic history of the north Willamette Valley, Oregon.

246. Effect of subsurface drainage on runoff and sediment yield from an agricultural watershed in western Oregon.

252. Late-Quaternary sediments at Battle Ground Lake, southern Puget Trough, Washington.

253. Geochemical evidence for changing provenance of Tertiary formations in northwestern Oregon.

261. Stratigraphy, lithofacies, and environment of deposition of the Scappoose Formation in central Columbia County, Oregon.

273. Relationship of the nature of suspended clay minerals to hydrologic conditions.

286. Changes in large organic debris in forested streams, western Oregon.

299. Volcaniclastic sedimentation in the Lewis River valley, Mount St. Helens, Washington; processes, extent, and hazards.

304. Base surge deposits in the western Cascades, Oregon.

323. Mid-Tertiary transgressive rocky coast sedimentation; central western Cascade Range, Oregon.

335. Age, facies relations, and a river mouth/shelf/submarine channel depositional model for the Clifton Formation, northwestern Oregon.

346. Subsurface correlations in the Mist area, Columbia County, Oregon.

405. The late Cenozoic history of an alluvial fill: the southern Willamette Valley, Oregon.

407. The palynology of a nonmarine Neogene deposite in the Willamette Valley, Oregon.

439. Generalized isopach map of Tertiary sedimentary rocks, western Oregon and Washington, and adjacent continental margin.

475. Stratigraphy, lithofacies and depositional environments of the Cowlitz Formation, T.4 and 5 N., R.5 W., northwest Oregon.

503. Nonmarine lithofacies included in Scappoose Formation, Northwest Oregon.

504. Scappoose Formation, Columbia County, Oregon; new evidence of age and relation to Columbia River Basalt Group.

511. Case for periodic, colossal jokulhlaups from Pleistocene glacial Lake Missoula.

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40. Evidence for the Portland Hills fault.

55. Geologic hazards of parts of northern Hood River, Wasco, and Sherman Counties, Oregon.

70. Seismic reflection studies of buried channels off the Columbia River.

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243. Geologic hazards review; Trojan nuclear power plant site, Columbia County, Oregon.

247. Map of Oregon seismicity, 1841-1986.

248. Microearthquakes near Portland, Oregon.

338. A seismic refraction study of a portion of the northeastern margin of the Tualatin Valley, Oregon.

437. Earthquake hazards of Clark County, Washington.

460. Earthquake and landslide on the Columbia.

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16. Runoff synthesis for rain-on-snow basins.

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41. Geomorphology and soils, Willamette Valley, Oregon.

52. Ground surfaces and soils in the Willamette Valley, Oregon.

78. Characterization of water tables in Oregon Soils with reference to trafficability; Vol. 1 - Data.

81. Characterization of water tables in Oregon soils with reference to trafficability; Vol. II - analysis.

79. Characterization of water tables in Oregon soils with reference to trafficability.

80. Soils morphology and water table fluctuation: I. Annual water table fluctuations.

91. Erosion potential assessment for the Willamette River basin, Oregon River-quality assessments.

183. Soil survey of Clackamas County area, Oregon.

194. Soil survey of Washington County, Oregon.

195. Soil survey of Multnomah County, Oregon.

200. Potential health hazards associated with the disposal of sewage sludge on agricultural soils in western Oregon.

201. Soil suitability for on-site waste disposal: Development of genetically marked Escherichia coli strains as tracers of subsurface water flow.

204. Perched water tables on hillsides in western Oregon: I. Some factors affecting their development and longevity.

205. Water and anion movement in selected soils of western Oregon.

233. Herbicides in runoff from agricultural watersheds in a high-winter-rainfall zone.

267. Soil survey of the Benton County area, Oregon.

268. Soil survey of Polk County, Oregon.

273. Relationship of the nature of suspended clay minerals to hydrologic conditions.

306. Field quidebook to the Quaternary stratigraphy, geomorphology and soils of the Willamette Valley, Oregon: Field trip no. 3.

305. Quaternary stratigraphy of the Willamette Valley, Oregon.

309. Soil survey of Clark County, Washington.

355. Oregon's long-range requirements for water: General soil map report with irrigable areas, Willamette Drainage Basin.

365. Geomorphic occurrence of pelloxererts, Willamette Valley, Oregon.

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364. Quaternary soils and geomorphology, Willamette Valley.

366. Soil survey of Lane County area, Oregon.

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428. The quantification of soil mass movements and their relationship to bedrock geology in the Bull Run Watershed, Multnomah and Clackamas Counties, Oregon.

438. Soil survey of Columbia County, Oregon.

462. Complex mass-movement terrains in the western Cascade Range, Oregon.

468. Relationships of clay mineralogy to landscape stability in western Oregon.

474. Distribution and character of loess-like soil in northwestern Oregon.

482. Geology of Portland, Oregon and adjacent areas: A study of Tertiary and Quaternary deposits, lateritic weathering profiles, and of Quaternary history of part of the Pacific Northwest.

488. Soil survey of Linn County area, Oregon.

521. Septic-tank drainfield performances in five Willamette Valley soils.

546. Effect of tile drainage on disposal of septic tank effluent in wet soils.

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1. Stratigraphy and sedimentation of the Spencer Formation in Yamhill and Washington Counties, Oregon.

2. The structure and stratigraphy of the Columbia River Basalt in the Chehalem Mountains, Oregon.

6. Contributions to the structure, stratigraphy and petrology of the Lower Columbian Gorge.

9. Geology of the Sandy River Preserve.

14. Late Pleistocene sediments and floods in the Willamette Valley.

11. Pleistocene alluvial stages in northwestern Oregon.

18. Pomona Member of the Columbia River Basalt Group; an intracanyon flow in the Columbia River Gorge, Oregon.

17. The stratigraphy and structure of the Columbia River Basalt in the Clackamas River drainage.

23. Correlation of Cenozoic stratigraphic units of western Oregon and Washington.

35. The stratigraphy and depositional setting of the Spencer Formation, west-central Willamette Valley, Oregon.

42. Late Pleistocene stratigraphy, southern Willamette Valley, Oregon.

57. Columbia River Basalt Group stratigraphy in western Oregon.

59. Regional correlations within the Frenchman Springs Member of the Columbia River Basalt Group: New insights into the Middle Miocene tectonics of northwestern Oregon.

62. Stratigraphy and structure of the Columbia River Basalt Group in the Cascade Range, Oregon Geothermal resource assessment of Mount Hood.

97. Mist gas field, Columbia County, Oregon.

101. The stratigraphy and structure of the Columbia River Basalt Group in the Salmon River area, Oregon.

105. Post-glacial lahars of the Sandy River basin, Mount Hood, Oregon.

128. Stratigraphic and petrologic analysis of trends within the Spencer Formation sandstones from Corvallis, Benton County, to Henry Hagg Lake...

132. A revision of upper Eocene and lower Oligocene stratigraphy in the upper Nehalem River basin, northwest Oregon.

136. Reconnaissance study of Holocene glacier fluctuations in the Broken Top area, Oregon.

172. Miocene basalts from the western Cascade Range and the Willamette Valley.

177. Polinices pollutes the paleo-environment.

178. Stratigraphy of the middle to late Eocene formations of southwestern Willamette Valley, Oregon.

179. Biostratigraphy of the Type Yamhill Formation, Polk County, Oregon.

209. Preliminary report on the reconnaissance geology of the Upper Clackamas and North Santiam Rivers area, Cascade Range, Oregon.

210. Volcanic stratigraphy and structure of the southern Cascade Range, Washington; Geological excursions in the Pacific Northwest.

208. The Western-High Cascade volcanic contact in the northwestern Cascade Range, Oregon.

252. Late-Quaternary sediments at Battle Ground Lake, southern Puget Trough, Washington.

253. Geochemical evidence for changing provenance of Tertiary formations in northwestern Oregon.

255. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 4 drill hole, Clackamas County, Oregon.

256. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 3 drill hole, Clackamas County, Oregon.

257. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 2 drill hole, Linn County, Oregon.

258. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 1 drill hole, Linn County, Oregon.

261. Stratigraphy, lithofacies, and environment of deposition of the Scappoose Formation in central Columbia County, Oregon.

283. The petrology and stratigraphy of the Portland Hills Silt -- A Pacific Northwest Loess.

300. Regional correlation of Grande Rhonde Basalt flows, Columbia River Basalt Group, Washington, Oregon, and Idaho.

306. Field quidebook to the Quaternary stratigraphy, geomorphology and soils of the Willamette Valley, Oregon: Field trip no. 3.

305. Quaternary stratigraphy of the Willamette Valley, Oregon

312. Biostratigraphy of exploratory wells, northern Willamette Basin, Oregon.

313. Biostratigraphy of exploratory wells, southern Willamette Basin, Oregon.

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311. Subsurface biostratigraphy of the east Nehalem Basin, Columbia County, Oregon.

316. Stratigraphic and biostratigraphic relationships of the Tyee and Yamhill Formations in central-western Oregon.

323. Mid-Tertiary transgressive rocky coast sedimentation; central western Cascade Range, Oregon.

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346. Subsurface correlations in the Mist area, Columbia County, Oregon.

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364. Quaternary soils and geomorphology, Willamette Valley.

380. Structure and stratigraphy of a portion of the Fish Creek Mountain 15' quadrangle, Clackamas County, Oregon.

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459. The Pittsburg Bluff Formation.

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463. A stratigraphic-geochemical study of the Troutdale Formation and Sandy River Mudstone in the Portland Basin and lower Columbia River Gorge.

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475. Stratigraphy, lithofacies and depositional environments of the Cowlitz Formation, T.4 and 5 N., R.5 W., northwest Oregon.

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504. Scappoose Formation, Columbia County, Oregon; new evidence of age and relation to Columbia River Basalt Group.

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518. Tertiary stratigraphy of western Washington and northwestern Oregon.

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2. The structure and stratigraphy of the Columbia River Basalt in the Chehalem Mountains, Oregon.

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17. The stratigraphy and structure of the Columbia River Basalt in the Clackamas River drainage.

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69. Geometry and tectonic evolution of the Columbia Hills anticline, Washington and Oregon.

76. Tectonic setting of the southern Cascade Range as interpreted from its magnetic and gravity fields.

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97. Mist gas field, Columbia County, Oregon.

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104. Geology of the southcentral margin of the Tillamook Highlands; southwest quarter of the Enright quadrangle, Tillamook County, Oregon.

114. Regional tectonic and thermal model of the central Cascades, Oregon from magnetic data.

118. The Shukash and Lapine Basins; Pleistocene depressions in the Cascade Range of central Oregon.

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178. Stratigraphy of the middle to late Eocene formations of southwestern Willamette Valley, Oregon.

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206. Plate tectonics and the Yamhill-Bonneville structural zone in northwestern Oregon.

209. Preliminary report on the reconnaissance geology of the Upper Clackamas and North Santiam Rivers area, Cascade Range, Oregon.

210. Volcanic stratigraphy and structure of the southern Cascade Range, Washington; Geological excursions in the Pacific Northwest.

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380. Structure and stratigraphy of a portion of the Fish Creek Mountain 15' quadrangle, Clackamas County, Oregon.

426. Geological analysis of the Portland Hills-Clackamas River alignment, Oregon.

425. Geophysical and geological analysis of a fault-like linearity in the lower Clackamas River area, Clackamas County, Oregon.

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505. Geological linears of the northern part of the Cascade Range, Oregon.

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37. The origin of Oswego Lake valley and Oswego Lake.

51. Functional evaluation of a water resources system.

54. Environmental Geology of Western Linn County, Oregon.

53. Geologic hazards of the Bull Run watershed, Multnomah and Clackamas Counties, Oregon.

67. General model to simulate flow in branched estuaries.

83. Flood runoff in the Willamette Valley, Oregon.

92. A synoptic approach for analyzing erosion as a guide to land-use planning.

127. Mudflows resulting from the May 18, 1980 eruption of Mount St. Helens, Washington.

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168. Flood profiles in the Calapooya Creek basin, Oregon.

176. The 1980 Polallie Creek debris flood and subsequent dam-break flow, east Fork Hood River basin, Oregon.

180. Maximum midsummer surface temperatures in Oregon's Willamette Valley.

181. Radiative temperatures in the Willamette Valley.

204. Perched water tables on hillsides in western Oregon: I. Some factors affecting their development and longevity.

214. The effects of two multipurpose reservoirs on the water temperature of the McKenzie River, Oregon.

217. Some characteristics and consequences of snowmelt during rainfall in western Oregon.

264. Indications of streambed degradation in the Willamette Valley.

266. Streambank erosion protection and channel scour manipulation using rockfill dikes and gabions.

269. Storm runoff as related to urbanization in the Portland, Oregon-Vancouver, Washington.

273. Relationship of the nature of suspended clay minerals to hydrologic conditions.

282. Appraisal of waterpower potential and land classifications, Clackamas River basin, Oregon.

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356. Irrigation water supply study for the Red Prairie Irrigation District, Polk and Yamhill Counties, Oregon.

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432. Reservoir-system model for the Willamette River basin, Oregon.

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517. Land and water use in Oregon.

530. Willamette Basin comprehensive study of water and related land resources: Appendix I--Navigation.

534. Willamette Basin comprehensive study of water and related land resources: Appendix B--Hydrology.

535. Willamette Basin comprehensive study of water and related land resources: Appendix E--Flood Control.

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536. Willamette Basin comprehensive study of water and related land resources: Appendix A--Study Area.

538. Willamette Basin comprehensive study of water and related land resources: Appendix H--Municipal and Industrial Water Supply.

540. Willamette Basin comprehensive study of water and related land resources: Appendix J--Power

541. Willamette Basin comprehensive study of water and related land resources: Appendix F--Irrigation

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134. Water discharge determinations for the tidal reach on the Willamette River from Ross Island Bridge to Mile 10.3, Portland, Oregon.

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221. Floods of January 10-23, 1972, in western Oregon.

222. Use of dye tracers to collect hydrologic data in Oregon.

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297. U.S. Geological Survey water-quality data in the Willamette Basin, Oregon, 1910-1964

357. Discharge in the lower Columbia River basin, 1928-65.

361. Patterns of runoff in the Willamette Basin, Oregon.

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26. Flood plain information: Willamette River, Molalla River, Puddings River, Canby-Barlow-Wilsonville, Oregon.

27. Flood plain information: Willamette River, Chehalem Creek, Newberg, Oregon.

28. Flood plain information: Willamette River and Marys River, Corvallis and Philomath, Oregon.

30. Flood plain information: Willamette River, Harrisburg, Oregon.

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108. Potential flood Damages, Willamette River system, Section I.

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223. Magnitude and frequency of floods in western Oregon.

219. Travel rates of water for selected streams in the Willamette River basin, Oregon.

220. Willamette River at Lambert Bend, Oregon: Flood flow characteristics of the proposed Greenacres Road crossing.

246. Effect of subsurface drainage on runoff and sediment yield from an agricultural watershed in western Oregon.

270. Storm runoff as related to urbanization based on data collected in Salem, and Portland, and generalized for the Willamette Valley, Oregon.

279. Oregon State interest and viewpoint in river basin planning in the Willamette Comprehensive Study.

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292. Influence of landslides, floods, and land use on channel changes of the upper Middle Fork Willamette River, Oregon.

293. Land use, floods, and channel changes: upper Middle Fork Willamette River, Oregon (1936-1980).

330. Compilation of water-temperature data for Oregon streams.

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196. River-quality Assessments.

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532. Willamette Basin comprehensive study of water and related land resources: Appendix L--Water Pollution Control.

548. Surface eroded non-point source pollutants entering selected upper Willamette River tributaries from agricultural lands.

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21. Tectonic control of Eocene arkosic sediment deposition, Oregon and Washington.

38. Early Tertiary sedimentary and tectonic history of the southern Coast Range, Oregon.

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68. Preliminary tectonic map of the greater Portland area.

69. Geometry and tectonic evolution of the Columbia Hills anticline, Washington and Oregon.

75. Heat flow, arc volcanism, and subduction in northern Oregon.

76. Tectonic setting of the southern Cascade Range as interpreted from its magnetic and gravity fields.

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343. Tectonic structure of the main part of the basalt of the Columbia River Group Washington, Oregon, and Idaho.

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526. Some quantitative aspects of orogenic volcanism in the Oregon Cascades

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104. Geology of the southcentral margin of the Tillamook Highlands; southwest quarter of the Enright quadrangle, Tillamook County, Oregon.

443. Appraisal of waterpower and reservoir sites, Nestucca River basin, Oregon

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65. Geologic hazards of eastern Benton County, Oregon.

90. Problems of utilizing ground water in the west-side business district of Portland, Oregon.

106. Ground-water management and development plan: Report prepared for Clark County Public Utility District.

133. People and water.

188. The unusual and widespread occurrence of arsenic in well waters of Lane County, Oregon.

238. Geology of the Portland well field.

237. Hydrogeology of the Portland Basin.

239. Ground water in the east Portland area, Oregon.

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270. Storm runoff as related to urbanization based on data collected in Salem, and Portland, and generalized for the Willamette Valley, Oregon.

328. Analysis of street sweepings, Portland, Oregon.

324. Basic data on urban storm-water quality, Portland, Oregon.

458. Systems analysis.

544. Ground water exploratory program.

545. Pilot well study.

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10. The Catlin Gabel lava tubes of West Portland; remnants of a Plio-Pleistocene cave system.

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58. A model for the geologic history of Mount Tabor, Kelly Butte, and Powell Butte in southeast Portland.

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255. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 4 drill hole, Clackamas County, Oregon.

256. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 3 drill hole, Clackamas County, Oregon.

257. Volcanic stratigraphy and alteration mineralogy of drill cuttings from EWEB 2 drill hole, Linn County, Oregon.

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301. Volcanic evolution of the Cascade Range.

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339. Geology of the Tillamook Head; Necanicum Junction area, Clatsop County, Northwest Oregon.

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471. Geologic map of the Three Sisters Wilderness, Deschutes, Lane, and Linn Counties, Oregon.

525. Geology and geochemistry of volcanic rocks in the Detroit area, western Cascade Range, Oregon.

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1. Stratigraphy and sedimentation of the Spencer Formation in Yamhill and Washington Counties, Oregon.

64. Geologic map of the Lake Oswego quadrangle, Clackamas, Multnomah, and Washington Counties, Oregon.

128. Stratigraphic and petrologic analysis of trends within the Spencer Formation sandstones from Corvallis, Benton County, to Henry Hagg Lake...

132. A revision of upper Eocene and lower Oligocene stratigraphy in the upper Nehalem River basin, northwest Oregon.

163. Ground water in the Newberg area, northern Willamette Valley, Oregon.

194. Soil survey of Washington County, Oregon.

225. Geology and ground water of the Tualatin Valley, Oregon.

336. Upper Eocene stratigraphy of the upper Nehalem River basin.

338. A seismic refraction study of a portion of the northeastern margin of the Tualatin Valley, Oregon.

373. Geologic map of the Vancouver Quadrangle, Washington and Oregon.

422. Engineering geology of the Tualatin Valley region, Oregon.

467. Appraisal of streamflow in the Tualatin River basin, Washington County, Oregon.

494. Land use and land cover and associated maps for Vancouver, Oregon, Washington.

502. Stratigraphic relationships of the Cowlitz Formation, upper Nehalem River basin, northwest Oregon.

515. Geology of northwestern Oregon west of Willamette River and north of latitude 45 degrees, 15 minutes.

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331. Correlation and Analysis of water-temperature data for Oregon streams.

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146. Johnson Creek water-quality assessment.

302. Ground-water data in the Portland Basin, Oregon and Washington.

353. Overview of ground water quality in the Willamette - Sandy Basin: memo to Oregon Water Resources Department Ground Water Work Group.

381. Records of wells, water levels, and chemical quality of the ground water in the French Prairie - Mission Bottom area, northern Willamette Valley, Oregon.

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73. Water quantity and quality studies of Vancouver Lake, Washington.

142. The quality of water in the principal aquifers of southwestern Washington.

174. Analyses of elutriates, native water, and bottom material in selected rivers and estuaries in western Oregon and Washington.

263. Some effects of the May 18 eruption of Mount St. Helens on river-water quality; The 1980 eruptions of Mount St. Helens, Washington.

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137. Ground-water study of the Santa Clara-River Road area, Eugene, Oregon.

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232. Ground-water resources of the lower Santiam River basin, middle Willamette Valley, Oregon.

231. Records of wells, water levels, and chemical quality of water in the lower Santiam River basin, middle Willamette Valley, Oregon.

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212. Records of wells, water levels, and chemical quality of ground water in the Molalla-Salem, Slope area, northern Willamette Valley, Oregon.

326. Appraisal of storm-water quality near Salem, Oregon.

381. Records of wells, water levels, and chemical quality of the ground water in the French Prairie - Mission Bottom area, northern Willamette Valley, Oregon.

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29. Columbia and Lower Willamette Rivers below Vancouver, Washington, and Portland, Oregon, Slaughters Bar Reach (Final Environmental Impact Statement).

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409. Water quality and the migration of fall salmon in the lower Willamette River.

469. Water quality within east Portland terraces.

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77. Use of cooling reactor water from nuclear power plants for irrigation of agricultural crops.

84. Water quality impacts of biochemical oxygen demand under transferable discharge permit programs.

88. Decision making in water resource allocation.

90. Problems of utilizing ground water in the west-side business district of Portland, Oregon.

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347. City of Vancouver ground water source and use study, Volume I - Summary.

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372. Water for Oregon.

374. Ground-water resources of the Willamette Valley, Oregon.

442. Lower Willamette River management plan.

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490. Advisory Committee on water data for public use--Summary of Eighth Meeting, June 5-7, 1973, Portland, Oregon.

517. Land and water use in Oregon.

529. Willamette Basin comprehensive study of water and related land resources: Appendix C--Economic Base.

530. Willamette Basin comprehensive study of water and related land resources: Appendix I--Navigation.

531. Willamette Basin comprehensive study of water and related land resources: Appendix K--Recreation.

532. Willamette Basin comprehensive study of water and related land resources: Appendix L--Water Pollution Control.

533. Willamette Basin comprehensive study of water and related land resources: Main Report.

534. Willamette Basin comprehensive study of water and related land resources: Appendix B--Hydrology.

536. Willamette Basin comprehensive study of water and related land resources: Appendix A--Study area.

538. Willamette Basin comprehensive study of water and related land resources: Appendix H--Municipal and industrial water supply.

540. Willamette Basin comprehensive study of water and related land resources: Appendix J--Power.

Water Use--Continued

541. Willamette Basin comprehensive study of water and related land resources: Appendix F--Irrigation.

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1. Stratigraphy and sedimentation of the Spencer Formation in Yamhill and Washington Counties, Oregon.

27. Flood plain information: Willamette River, Chehalem Creek, Newberg, Oregon.

39. Geology of the Sheridan and McMinnville quadrangles, Oregon.

89. The geology of the McMinnville quadrangle, Oregon.

94. Geologic map of the Grand Ronde quadrangle, Polk and Yamhill Counties, Oregon.

95. Preliminary geologic map of the Amity and Mission Bottom quadrangles, Oregon.

96. Preliminary geologic map of the McMinnville and Dayton quadrangles, Oregon.

93. Preliminary geologic map of the Ballston quadrangle.

128. Stratigraphic and petrologic analysis of trends within the Spencer Formation sandstones from Corvallis, Benton County, to Henry Hagg Lake...

163. Ground water in the Newberg area, northern Willamette Valley, Oregon.

206. Plate tectonics and the Yamhill-Bonneville structural zone in northwestern Oregon.

356. Irrigation water supply study for the Red Prairie Irrigation District, Polk and Yamhill Counties, Oregon.

383. Ground water in the Eola-Amity hills area, northern Willamette Valley, Oregon.

384. Selected ground water data in the Eola-Amity hills area, northern Willamette Valley, Oregon.

419. The occurrence of Spencer Sandstone in the Yamhill Quadrangle, Oregon.

455. Red Prairie irrigation district, Polk and Yamhill Counties, Oregon, an irrigation water supply study.

494. Land use and land cover and associated maps for Vancouver, Oregon, Washington.

513. Geologic map of the Salem one degree by two degree sheet.

515. Geology of northwestern Oregon west of Willamette River and north of latitude 45 degrees, 15 minutes.

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