



Location of Mendenhall Valley wells.

SOUTHEAST ALASKA

JUNEAU

582125134342401. Local number, CD04006631DBAD1022.

LOCATION.--Lat 58°21'25", long 134°34'24", in NE¹/₄ NW¹/₄ SE¹/₄ sec. 31, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located on Juneau International Airport property in Jordan Creek streambed, about 50 ft downstream from culvert under Crest Street, and 300 ft south of intersection of Crest Street and Yandukin Drive, Juneau. Owner: Juneau International Airport.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 3.06 ft, screened 0.06 to 3.06 ft, well point driven into streambed.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 12.32 ft above sea level (determined by levels survey). Measuring point: top of steel casing 3.94 ft above land-surface datum.

REMARKS.--Observation well installed by U.S. Geological Survey, designated as Duck Creek #19 (Airport Well). Well is in a stream channel and is intermittently flooded.

PERIOD OF RECORD.--June 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.83 ft above land-surface datum, April 10, 2001; lowest measured, 1.63 ft above land-surface datum, June 29, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL
APR 10	-1.83

Minus sign indicates that the water level was above land-surface datum.

582131134343101. Local number, CD04006631ACDC2002.

LOCATION.--Lat 58°21'31", long 134°34'31", in SE¹/₄ SW¹/₄ NE¹/₄ sec. 31, T. 40 S., R 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located in Jordan Creek stream channel, 30 ft upstream from culvert under Yandukin Drive, and 300 ft west of the intersection of Yandukin Drive and Crest Street, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 3.15 ft, screened 0.15 to 3.15 ft, well point driven into streambed.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 15.72 ft above sea level (determined by levels survey). Measuring point: top of steel casing 3.85 ft above land-surface datum.

REMARKS.--Observation well installed by U.S. Geological Survey, designated as Duck Creek #20 (Yandukin Well). Well is in a stream channel and is intermittently flooded.

PERIOD OF RECORD.--June 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.37 ft above land-surface datum, June 29, 1999; lowest measured, 0.35 ft below land-surface datum, March 14, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL
APR 10	-1.35

Minus sign indicates that the water level was above land-surface datum.

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582136134344802. Local number, CD04006631ACBC1015.

LOCATION.--Lat 58°21'36", long 134°34'48", in NW¹/₄ SW¹/₄ NE¹/₄ sec. 31, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located about 20 ft southeast of a trail running between the intersection of Jordan Avenue and Teal Street, about 50 ft south of Teal Street, and about 20 ft northeast of a footbridge over Jordan Creek, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 8 ft, screened 6 to 8 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 19.84 ft above sea level (determined by levels survey). Measuring point: top of steel casing, 0.6 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #2 (Jordan Avenue Well). Area near well is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.1 ft above land-surface datum, July 13, 1997; lowest measured, 3.28 ft below land-surface datum, March 12, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	1.05	APR 12	2.50
NOV 4	1.22	APR 24	2.79
APR 10	2.47	AUG 15	2.41

582146134351701. Local number, CD04006631BBDD1016.

LOCATION.--Lat 58°21'46", long 134°35'17", in SE¹/₄ NW¹/₄ NW¹/₄ sec. 31, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located near the left bank of Duck Creek, about 10 ft northwest of the intersection of Cessna Drive and Alex Holden Way, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2 in., depth 12 ft, screened 10 to 12 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 25.35 ft above sea level (determined by levels survey). Measuring point: top of casing 0.88 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #3 (Cessna Drive Well).

PERIOD OF RECORD.--June 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.9 ft below land-surface datum, July 13, 1997; lowest measured, 10.06 ft below land-surface datum, March 21, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	8.14	APR 12	9.33
NOV 4	8.24	24	9.86
APR 10	9.27	AUG 15	8.94

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582147134351401. Local number, CD04006631BBDB1017.

LOCATION.--Lat 58°21'47", long 134°35'14", in SE¹/₄ NW¹/₄ NW¹/₄ sec. 31, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located near the right bank of Duck Creek, about 70 ft downstream of the Berners Avenue crossing, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2 in., depth 8.8 ft, screened 6.8 to 8.8 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 19.52 ft above sea level (determined by levels survey). Measuring point: Top of PVC pipe casing 1.9 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #4 (Berners Avenue Well). Water from well was sampled for water quality on September 5, 1997, January 29, 1998, and September 3, 1998.

PERIOD OF RECORD.--June 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.20 ft below land-surface datum, September 3, 1998; lowest measured, 4.12 ft below land-surface datum, March 21, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	1.60	APR 12	3.41
NOV 4	1.80	APR 24	3.92
APR 10	3.25	AUG 14	2.75

582150134344501. Local number, CD04006631BAAD1021.

LOCATION.--Lat 58°21'50", long 134°34'45", in NE¹/₄ NE¹/₄ NW¹/₄ sec. 31, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located in Jordan Creek channel, near right bank, 10 ft upstream from footbridge, about 200 ft downstream from Trout Street bridge, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 6 ft, screened 3 to 6 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey or University of Alaska-Southeast personnel.

DATUM.--Elevation of land-surface datum is 23.65 ft above sea level (determined by levels survey). Measuring point: Top of steel pipe casing 1.00 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #21 (Trout Street Well).

PERIOD OF RECORD.--March 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 4.61 ft below land-surface datum, April 12, 2001; lowest measured, dry, March 14, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL
APR 12	4.61

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582154134350501. Local number, CD04006630CDCB1027.

LOCATION.--Lat 58°21'54", long 134°35'05", in SW¹/₄ SE¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is about 15 ft east of a tributary to Duck Creek and about 1,200 ft northwest of Jordan Creek, 90 ft southwest of the First Church of God on Ka-See-An Drive, Juneau. Owner: First Church of God.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 17.5 ft, screened 15.5 to 17.5 ft using a sandpoint.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 26.30 ft above sea level (determined by levels survey). Measuring point: top of casing 2.05 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #5 (Ka-See-An Drive Church Well). PERIOD OF RECORD.--June 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.41 ft below land-surface datum, October 23, 1999; lowest measured, 9.62 ft below land-surface datum, March 12, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	6.06	APR 12	8.67
NOV 4	6.31	APR 24	9.45
APR 10	8.60	AUG 15	8.05

582156134351701. Local number, CD04006631BBBA1018.

LOCATION.--Lat 58°21'56", long 134°35'17", in NW¹/₄ NW¹/₄ NW¹/₄ sec. 31, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located in Duck Creek channel about 90 ft downstream from driveway crossing to Federal Aviation Administration building, about 50 ft southwest of Old Glacier Highway, Juneau. Owner: Federal Aviation Administration.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 11 ft, screened 9 to 11 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 18.48 ft above sea level (determined by levels survey). Measuring point: top of casing 1.86 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #6 (FAA Downstream Well). Well is in stream channel and is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, unknown, stream stage was higher than top of well casing during numerous periods since May 1997; lowest measured, 3.62 ft below land-surface datum, March 13, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	X	APR 12	2.55
NOV 4	X	APR 24	3.37
APR 10	2.54		

X surface-water affected, stream stage was higher than top of well casing

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582158134344101. Local number, CD04006630DCCC1034.

LOCATION.--Lat 58°21'58", long 134°34'41", in SW¹/₄ SW¹/₄ SE¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located in Jordan Creek channel about 3 ft downstream from downstream footbridge crossing about 50 ft downstream of Egan Expressway, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 5.4 ft, screened 2.4 to 5.4 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey or University of Alaska-Southeast personnel.

DATUM.--Elevation of land-surface datum is 23.78 ft above sea level (determined by levels survey). Measuring point: top of casing 1.60 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #22. Well is in stream channel and is intermittently flooded.

PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, unknown, stream stage was higher than top of well casing during numerous periods since August 1999; lowest measured, dry, March 14, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR AUGUST 1999 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
*DEC 30, 1999	1.13	APR 10, 2001	3.50
* MAR 14, 2000	D	APR 12, 2001	3.58

* Not previously published.

D Dry

582158134352001. Local number, CD04006630CCCD2017.

LOCATION.--Lat 58°21'58", long 134°35'20", in SW¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located in Duck Creek channel, 20 ft upstream from driveway crossing to Federal Aviation Administration building, about 50 ft southwest of Old Glacier Highway, Juneau. Owner: Federal Aviation Administration.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 12 ft, screened 10 to 12 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 19.62 ft above sea level (determined by levels survey). Measuring point: top of steel casing 1.2 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #7 (FAA Upstream Well). Well is in stream channel and is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, unknown, stream stage was higher than top of well casing during many periods since 1997; lowest measured, 3.63 ft below land-surface datum, July 2, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	X	APR 12	1.81
NOV 4	X	APR 24	2.94
APR 10	1.62		

X surface-water affected, stream stage was higher than top of well casing

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582203134351601. Local number, CD04006630CCDB1028.

LOCATION.--Lat 58°22'03", long 134°35'16", in SE¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 quad), Hydrologic Unit 19010301. Well is located on left bank of Duck Creek about 55 ft downstream from Del Rae Road crossing, 25 ft from Mendenhall Loop Road, and 0.25 mi. south of the intersection of Mendenhall Loop Road and Egan Drive, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.5 in., depth 14 ft, screened 12 to 14 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 23.10 ft above sea level (determined by levels survey). Measuring point: top of steel casing 1.56 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #10 (Del Rae Road Well).

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, unknown, stream stage was above top of well casing on December 26, 1999; lowest measured, 7.59 ft below land-surface datum, March 12, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	1.93	APR 10	5.90
NOV 4	2.15		

582203134351701. Local number, CD04006630CCBD3015.

LOCATION.--Lat 58°22'03", long 134°35'17", in NW¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located on left bank of Duck Creek, 30 ft downstream from Del Rae Road crossing, and 0.25 mi. south of the intersection of Mendenhall Loop Road and Egan Drive, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.5 in., depth 11 ft, slotted 9 to 11 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 22.14 ft above sea level (determined by levels survey). Measuring point: Top of PVC casing 1.3 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #9 (Del Rae Road Well, mid-channel downstream). Well is near stream channel and is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, unknown, stream stage was higher than top of well during many periods since May 1997; lowest measured, 8.39 ft below land-surface datum, May 6, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	0.64	APR 24	7.57
APR 10	5.14	AUG 17	4.61
APR 12	5.34		

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582203134351901. Local number, CD04006630CCBD2015.

LOCATION.--Lat 58°22'03", long 134°35'19", in NW¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located on right bank of Duck Creek, 75 ft downstream from Del Rae Road crossing and 0.25 mi. south of the intersection of Mendenhall Loop Road and Egan Drive, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2 in., depth 15 ft, screened 12 to 15 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 33 ft above sea level (determined from topographic map). Measuring point: top of casing 1.66 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #8 (Del Rae Well). Well is near stream channel and is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, unknown, stream stage was higher than top of well casing during numerous periods since 1997; lowest measured, 9.09 ft below land-surface datum, March 21, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL
APR 10	7.42
APR 12	7.51

582206134351401. Local number, CD04006630CCAC1029.

LOCATION.--Lat 58°22'06", long 134°35'14", in NE¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located in Duck Creek stream channel, 12 ft upstream from Del Rae Road crossing, 900 ft southwest of intersection of Mendenhall Loop Road and Egan Drive, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.5 in., depth 12 ft, slotted 10 to 12 ft. Unknown debris placed inside well casing at about 3.6 ft below land surface sometime prior to March 12, 1998. Water levels cannot be determined below the obstruction, but water levels above the obstruction appear to representative of aquifer conditions.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 21.25 ft above sea level (determined by levels survey). Measuring point: Top of PVC casing 1.8 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #11 (Del Rae Road Well, 10 ft upstream from culvert). Well is in stream channel and is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.4 ft above land-surface datum (surface-water affected, stream stage was higher than top of well casing), July 13, 1997; lowest measured, 5.45 ft below land-surface datum, March 12, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	-0.43	APR 24	D
APR 10	D		
APR 12	O		

Minus sign indicates that the water level was above land-surface datum.

D Dry.

O Obstruction.

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582208134351201. Local number, CD04006630CCAB1030.

LOCATION.--Lat 58°22'08", long 134°35'12", in NE¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located mid-channel of Duck Creek, about 130 ft upstream from Del Rae Road crossing, and 700 ft southwest of the intersection of Mendenhall Loop Road and Egan Drive, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.5 in., depth 11 ft, slotted 7 to 10 ft.

INSTRUMENTATION.-- Measurement with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 21.22 ft above sea level (determined by levels survey). Measuring point: top of PVC casing 2.14 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #12 (Del Rae Road Well, farthest upstream). Well is in stream channel and is intermittently flooded.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, unknown, stream stage was above top of well casing during many periods since 1997; lowest measured, 5.46 ft below land-surface datum, March 21, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	-0.61	APR 12	3.66
APR 10	3.26	APR 24	5.17

Minus sign indicates that the water level was above land-surface datum.

582208134352601. Local number, CD04006630CCBB1031.

LOCATION.--Lat 58°22'08", long 134°35'26", in NW¹/₄ SW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is located near a church parking lot, 55 ft northeast of Del Rae Road, and 105 ft southeast of the Lutheran Church, Juneau. Owner: Lutheran Church.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 15 ft, screened 13 to 15 ft, casing has filled in with sediment to about 12.2 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast, or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 26.74 ft above sea level (determined by levels survey). Measuring point: top of steel coupling at top of casing 2.8 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #13 (Lutheran Church Well).

PERIOD OF RECORD.--June 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.58 ft below land-surface datum, October 23, 1999; lowest measured, dry, March 21 and April 8, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	8.02	APR 24	12.19
NOV 4	8.67	AUG 17	10.04

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582215134350501. Local number, CD04006630CBAD1032.

LOCATION.--Lat 58°22'15", long 134°35'05", in NE¹/₄ NW¹/₄ SW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 SW quad), Hydrologic Unit 19010301. Well is near right bank of Duck Creek, 20 ft upstream from a footbridge and 225 ft upstream from the intersection of Egan Drive and Mendenhall Loop Road, Juneau. Owner: City and Borough of Juneau.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 12 ft, screened 10 to 12 ft.

INSTRUMENTATION.--Intermittent measurements by U.S. Forest Service, U.S. Geological Survey or University of Alaska-Southeast personnel.

DATUM.--Elevation of land-surface datum is 25.04 ft above sea level (determined by levels survey). Measuring point: top of casing 0.70 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #14 (Superbear Well).

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 1.17 ft below land-surface datum, October 9, 1999; lowest measured, 3.80 ft below land-surface datum, March 21, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	1.39	APR 12	2.52
NOV 4	1.47	APR 24	2.82
APR 10	2.49	AUG 17	1.90

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582240134344501. Local number, CD04006630BADA2033.

LOCATION.--Lat 58°22'40", long 134°34'45", in SE¹/₄ NE¹/₄ NW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 NW quad) Hydrologic Unit 19010301, about 270 ft up a trail from the northern end of the road through Kodzoff #1 trailer Park, Juneau. Owner: Goldbelt Corporation

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2.0 in., depth 18.51 ft.

INSTRUMENTATION.-- Electronic data logger and submersible pressure transducer February 2001 to current year.

DATUM.--Elevation of land-surface datum is 40.57 ft above sea level (determined by levels survey). Measuring point: Top of casing 1.70 ft above land-surface datum.

REMARKS.--Record good. Well also known as Kodzoff Trailer Park Well.

PERIOD OF RECORD.--February 2001 to current year.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded during period February 2001 to September 2001, 8.72 ft below land-surface datum, September 16 and 17, lowest recorded, 10.94 ft below land-surface datum, April 26.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	9.28	9.52	10.17	10.49	9.62	10.12	9.18	9.29
2	---	---	---	---	9.31	9.59	10.23	10.41	9.64	10.16	9.24	9.19
3	---	---	---	---	9.39	9.71	10.29	10.08	9.55	10.20	9.32	9.19
4	---	---	---	---	9.42	9.81	10.18	9.87	9.52	10.12	9.32	9.19
5	---	---	---	---	9.48	9.89	10.16	9.82	9.52	9.87	9.35	9.08
6	---	---	---	---	9.56	9.83	10.16	9.80	9.53	9.65	9.39	8.99
7	---	---	---	---	9.60	9.78	10.17	9.78	9.58	9.48	9.48	8.94
8	---	---	---	---	9.64	9.77	10.16	9.68	9.62	9.32	9.55	8.92
9	---	---	---	---	9.70	9.62	10.12	9.49	9.65	9.26	9.61	8.93
10	---	---	---	---	9.75	9.33	10.12	9.46	9.69	9.25	9.67	9.05
11	---	---	---	---	9.83	9.12	10.15	9.47	9.69	9.26	9.74	9.17
12	---	---	---	---	9.89	9.08	10.17	9.51	9.75	9.31	9.83	9.28
13	---	---	---	---	9.58	9.10	10.22	9.55	9.78	9.28	9.92	8.96
14	---	---	---	---	9.58	9.20	10.28	9.58	9.79	9.27	10.01	8.84
15	---	---	---	---	9.65	9.28	10.35	9.64	9.82	9.27	10.05	8.82
16	---	---	---	---	9.81	9.34	10.44	9.71	9.82	9.30	10.09	8.72
17	---	---	---	---	9.93	9.35	10.50	9.77	9.85	9.39	10.13	8.72
18	---	---	---	---	10.03	9.42	10.60	9.81	9.88	9.54	10.04	8.73
19	---	---	---	---	10.15	9.49	10.64	9.84	9.91	9.63	9.77	8.82
20	---	---	---	---	10.22	9.59	10.73	9.91	9.93	9.70	9.71	8.73
21	---	---	---	---	10.29	9.70	10.80	9.84	9.93	9.74	9.70	8.76
22	---	---	---	---	10.37	9.77	10.85	9.74	9.81	8.92	9.73	8.90
23	---	---	---	---	10.44	9.85	10.89	9.59	9.75	8.86	9.78	8.94
24	---	---	---	---	10.52	9.90	10.90	9.57	9.73	8.88	9.89	8.95
25	---	---	---	---	10.62	9.95	10.87	9.56	9.79	8.85	10.00	9.02
26	---	---	---	---	10.27	10.01	10.90	9.59	9.90	8.85	10.05	9.11
27	---	---	---	---	9.46	10.03	10.75	9.62	9.99	8.88	9.55	9.21
28	---	---	---	---	9.44	10.07	10.54	9.66	10.04	8.97	9.47	9.31
29	---	---	---	---	---	10.07	10.48	9.69	10.06	9.07	9.36	9.38
30	---	---	---	---	---	10.11	10.47	9.66	10.09	9.12	9.31	9.26
31	---	---	---	---	---	10.13	---	9.63	---	9.15	9.29	---

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582240134352901. Local number, CD04006630BBCB1036.

LOCATION.--Lat 58°22'40", long 134°35'29", in SW¹/₄ NW¹/₄ NW¹/₄ sec. 30, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301, City and Borough of Juneau, at northeast edge of baseball field for Riverbend School on Riverside Drive, Juneau. Owner: City and Borough of Juneau.

AQUIFRER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.-- Diameter 2.0 in., depth 15.9 ft, slotted 5 to 15 ft.

INSTRUMENTATION.-- Intermittent measurements with chalked steel tape by U.S. Geological Survey April 2001 to May 2001. Electronic data logger and submersible pressure transducer May 2001 to current year.

DATUM.-- Elevation of land-surface datum is 31.95 ft above sea level (determined by survey grade GPS). Measuring point: Top of casing 0.20 ft below land-surface datum.

REMARKS.-- Records good except for the period August 31 to September 30, which is poor. Well is also known as Riverbend School well.

PERIOD OF RECORD.-- April 2001 to current year.

EXTREMES FOR THE CURRENT YEAR.--Highest water level recorded during period April 2001 to September 2001, 4.44 ft below land-surface datum, September 21; lowest recorded, 7.83 ft below land-surface datum, May 24.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	7.17	7.16	5.36	5.43
2	---	---	---	---	---	---	---	---	7.21	7.24	5.38	5.40
3	---	---	---	---	---	---	---	---	7.33	7.05	5.37	5.40
4	---	---	---	---	---	---	---	---	7.12	7.04	5.37	5.88
5	---	---	---	---	---	---	---	---	7.13	7.02	5.50	5.61
6	---	---	---	---	---	---	---	---	7.23	6.92	5.55	5.60
7	---	---	---	---	---	---	---	---	7.28	6.91	5.91	5.37
8	---	---	---	---	---	---	---	---	6.99	7.18	6.01	5.41
9	---	---	---	---	---	---	---	---	7.00	7.17	5.89	5.13
10	---	---	---	---	---	---	---	---	7.12	7.08	5.88	4.97
11	---	---	---	---	---	---	---	---	7.29	7.02	5.98	4.90
12	---	---	---	---	---	---	---	---	7.33	6.86	6.06	4.90
13	---	---	---	---	---	---	---	---	7.29	6.85	6.17	5.05
14	---	---	---	---	---	---	---	---	7.30	6.70	6.32	4.77
15	---	---	---	---	---	---	---	---	7.40	6.43	6.29	4.88
16	---	---	---	---	---	---	---	---	7.49	6.32	6.29	4.79
17	---	---	---	---	---	---	#6.97	---	7.50	6.35	6.37	4.55
18	---	---	---	---	---	---	---	---	7.37	6.51	6.49	4.47
19	---	---	---	---	---	---	---	---	7.22	6.48	6.50	4.49
20	---	---	---	---	---	---	---	---	7.17	6.45	5.90	4.53
21	---	---	---	---	---	---	---	---	7.30	6.44	5.91	4.44
22	---	---	---	---	---	---	---	7.55	7.31	6.47	6.21	4.51
23	---	---	---	---	---	---	---	7.63	7.15	6.62	6.36	4.59
24	---	---	---	---	---	---	---	7.80	7.16	6.61	6.42	4.45
25	---	---	---	---	---	---	---	7.56	7.19	6.53	6.36	4.62
26	---	---	---	---	---	---	---	7.12	7.11	6.12	6.38	4.62
27	---	---	---	---	---	---	---	7.07	6.94	5.91	6.39	4.70
28	---	---	---	---	---	---	---	7.06	6.98	5.81	6.60	4.77
29	---	---	---	---	---	---	---	7.26	7.39	5.77	6.43	4.70
30	---	---	---	---	---	---	---	7.47	7.18	5.60	6.05	5.03
31	---	---	---	---	---	---	---	7.32	---	5.46	5.53	---

Result of tapedown

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582256134340401. Local number, CD04006619DDBD1054.

LOCATION.--Lat 58°22'56", long 134°34'04", in NW¹/₄ SE¹/₄ SE¹/₄ sec. 19, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301. Well is located at Glacier Valley School, at southwest corner of baseball field, 33 ft north of Evergreen Parkway, 120 ft southeast of a covered basketball court, and 460 ft east of Tongass Boulevard, Juneau. Owner: Glacier Valley School.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2 in., depth 11.2 ft, screened 6.9 ft to 11.2 ft, casing has filled in with sediment to about 9.4 ft.

INSTRUMENTATION.--Intermittent measurements with chalked steel tape by U.S. Geological Survey or University of Alaska-Southeast personnel.

DATUM.--Elevation of land-surface datum is 39.33 ft above sea level (determined by levels survey). Measuring point: top of casing 1.8 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #16 (Glacier Valley School Well).

PERIOD OF RECORD.--July 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.00 ft below land-surface datum, December 26, 1999; lowest measured, dry, March 21, 2000 and August 14, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	3.58	APR 17	4.70
NOV 4	3.44	APR 24	3.94
APR 10	4.25	MAY 22	3.78
APR 12	4.27	AUG 14	D

D Dry

GROUND-WATER LEVEL DATA

429

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582306134344001. Local number, CD04006619DBC1056.

LOCATION.--Lat 58°23'06", long 134°34'40", in SW¹/₄ NW¹/₄ SE¹/₄ sec. 19, T.40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301, Well is the northernmost of two wells (southernmost has casing welded shut), located about 300 ft west of Duck Creek, about 300 ft north of Stephen Richards Drive, Juneau. Owner: Glacier View Trailer Park.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2.0 in., depth 52.7 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey April 2000 to April 2001. Electronic data logger and submersible pressure transducer April 2001 to current year.

DATUM.--Elevation of land-surface datum is 45.4 ft above sea level (determined by survey-grade GPS). Measuring point: Top of casing 1.4 ft above land-surface datum.

REMARKS.--Record good. Well also known as Glacier View Well.

PERIOD OF RECORD.--April 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.78 ft below land-surface datum, July 22, 2001; lowest 9.07 ft below land-surface datum, April 26, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	#7.49	---	---	8.83	7.95	8.23	7.30	7.45
2	---	---	---	---	---	---	---	8.68	7.97	8.26	7.43	7.35
3	---	---	---	---	---	---	---	8.31	7.85	8.30	7.52	7.35
4	---	---	---	---	---	---	---	8.05	7.82	8.28	7.55	7.43
5	---	---	---	---	---	---	---	8.03	7.81	8.08	7.58	7.17
6	---	---	---	---	---	---	---	8.04	7.86	7.88	7.63	7.03
7	---	---	---	---	---	---	---	8.03	7.95	7.73	7.77	6.97
8	---	---	---	---	---	---	---	7.97	7.97	7.56	7.85	6.95
9	---	---	---	---	---	---	---	7.66	7.99	7.54	7.89	6.95
10	---	---	---	---	---	---	---	7.65	8.03	7.52	7.94	7.21
11	---	---	---	---	---	---	---	7.72	8.05	7.56	8.01	7.41
12	---	---	---	---	---	---	---	7.80	8.11	7.67	8.09	7.54
13	---	---	---	---	---	---	---	7.88	8.12	7.64	8.13	7.01
14	---	---	---	---	---	---	---	7.90	8.13	7.61	8.11	6.73
15	---	---	---	---	---	---	---	7.99	8.17	7.61	8.09	6.71
16	---	---	---	---	---	---	---	8.09	8.16	7.65	8.10	6.67
17	---	---	---	---	---	---	#8.86	8.14	8.19	7.73	8.18	6.68
18	---	---	---	---	---	---	---	8.21	8.19	7.86	8.18	6.76
19	---	---	---	---	---	---	---	8.22	8.18	7.92	7.97	6.94
20	---	---	---	---	---	---	---	8.30	8.18	7.90	7.88	6.86
21	---	---	---	---	---	---	---	8.22	8.16	7.87	7.89	6.89
22	---	---	---	---	---	---	---	8.13	8.07	5.78	7.93	7.06
23	---	---	---	---	---	---	---	7.93	7.98	6.79	8.01	7.08
24	---	---	---	---	---	---	---	7.87	7.97	6.82	8.12	7.07
25	---	---	---	---	---	---	---	7.86	8.07	6.78	8.19	7.20
26	---	---	---	---	---	---	#9.07	7.90	8.16	6.78	8.14	7.34
27	---	---	---	---	---	---	---	7.96	8.19	6.86	7.67	7.51
28	---	---	---	---	---	---	---	8.76	8.16	7.05	7.56	7.65
29	---	---	---	---	---	---	---	8.73	8.08	8.16	7.21	7.72
30	---	---	---	---	---	---	---	8.76	8.01	8.19	7.26	7.60
31	---	---	---	---	---	---	---	7.97	---	7.26	7.43	---

Result of tapedown

GROUND-WATER LEVEL DATA

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582314134344801. Local number, CD04006619BDDD1055.

LOCATION.--Lat 58°23'14", long 134°34'48", in SE¹/₄ SE¹/₄ NW¹/₄ sec. 19, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301, Near the northwest corner of garage at 9002 Gee Street, Juneau. Owner: Tim and Debbie Banaszak.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2.0 in., depth 44.2 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey February 2001 to June 2001. Electronic data logger and submersible pressure transducer June 2001 to September 2001.

DATUM.--Elevation of land-surface datum is 46.4 ft above sea level (determined by levels survey). Measuring point: Top of casing 0.80 ft above land-surface datum.

REMARKS.--Record good. Well also known as Banaszak well.

PERIOD OF RECORD.--February 2001 to current year.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded during period February 2001 to September 2001, 6.10 ft below land-surface datum, September 15 and 16, lowest recorded, 7.86 ft below land-surface datum, February 7, result of tapedown.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	7.68	6.70	6.91
2	---	---	---	---	---	---	---	---	---	7.73	6.85	6.86
3	---	---	---	---	---	---	---	---	---	7.76	6.95	6.86
4	---	---	---	---	---	---	---	---	---	7.76	6.97	6.98
5	---	---	---	---	---	---	---	---	---	7.56	7.00	6.74
6	---	---	---	---	---	---	---	---	---	7.35	7.04	6.55
7	---	---	---	---	#7.86	---	---	---	---	7.22	7.21	6.48
8	---	---	---	---	---	---	---	---	#7.52	7.04	7.31	6.45
9	---	---	---	---	---	---	---	---	7.54	7.03	7.34	6.45
10	---	---	---	---	---	---	---	---	7.57	7.03	7.40	6.73
11	---	---	---	---	---	---	---	---	7.59	7.07	7.46	6.95
12	---	---	---	---	---	---	---	---	7.66	7.20	7.54	7.08
13	---	---	---	---	---	---	---	---	7.65	7.18	7.56	6.56
14	---	---	---	---	---	---	---	---	7.65	7.14	7.51	6.15
15	---	---	---	---	---	---	---	---	7.68	7.14	7.50	6.10
16	---	---	---	---	---	---	---	---	7.67	7.17	7.50	6.10
17	---	---	---	---	---	---	---	---	7.67	7.23	7.60	6.12
18	---	---	---	---	---	---	---	---	7.66	7.35	7.62	6.22
19	---	---	---	---	---	---	---	---	7.64	7.39	7.41	6.39
20	---	---	---	---	---	---	---	---	7.64	7.32	7.31	6.41
21	---	---	---	---	---	---	---	---	7.60	7.28	7.33	6.43
22	---	---	---	---	---	---	---	---	7.51	6.64	7.36	6.62
23	---	---	---	---	---	---	---	---	7.41	6.23	7.45	6.62
24	---	---	---	---	---	---	---	---	7.39	6.24	7.57	6.61
25	---	---	---	---	---	---	---	---	7.51	6.22	7.66	6.73
26	---	---	---	---	---	---	---	---	7.63	6.21	7.60	6.89
27	---	---	---	---	---	---	---	---	7.64	6.28	7.13	7.07
28	---	---	---	---	---	---	---	---	7.61	6.49	6.98	7.25
29	---	---	---	---	---	---	---	---	7.61	6.67	6.83	7.32
30	---	---	---	---	---	---	---	---	7.64	6.70	6.82	7.23
31	---	---	---	---	---	---	---	---	---	6.69	6.86	---

Result of tapedown.

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582314134351201. Local number, CD04006619BCDD2020.

LOCATION.--Lat 58°23'14", long 134°35'12", in SE¹/₄ SW¹/₄ NW¹/₄ sec. 19, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301, Near the northwest corner of garage at 9220 Gee Street, Juneau. Owner: Don Thomas

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.5 in., depth 49.1 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey April 2000 to January 2001. Electronic data logger and submersible pressure transducer January 2001 to current year.

DATUM.--Elevation of land-surface datum is 43.09 ft above sea level (determined by levels survey). Measuring point: Top of casing 0.92 ft above land-surface datum.

REMARKS.--Record good. Well also known as Don's well.

PERIOD OF RECORD.--April 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 5.93 ft below land-surface datum, July 24, 2000; lowest, 10.20 ft below land-surface datum, February 26, 2001

EXTREMES FOR CURRENT YEAR.--Highest water level recorded during period January to September 2001, 5.95 ft below land-surface datum, September 15, lowest recorded, 10.20 ft below land-surface datum, February 26.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	8.94	9.24	9.89	9.74	8.40	7.92	6.81	7.00
2	---	---	#9.11	---	8.94	9.28	9.97	9.58	8.41	7.95	7.08	7.02
3	---	---	---	---	9.09	9.45	9.89	9.37	8.28	8.00	7.15	7.02
4	#8.59	---	#9.12	#9.36	9.19	9.58	9.87	9.17	8.15	7.99	7.16	7.33
5	---	---	---	---	9.25	9.62	9.85	9.17	8.12	7.68	7.17	6.96
6	---	#8.81	---	---	9.31	9.61	9.87	9.11	8.18	7.42	7.22	6.68
7	---	---	---	---	9.29	9.59	9.88	9.09	8.26	7.28	7.47	6.67
8	---	#8.86	---	---	9.33	9.56	9.89	9.13	8.22	7.15	7.60	6.63
9	---	---	#8.56	#9.14	9.43	9.39	9.89	8.89	8.22	7.19	7.62	6.66
10	---	---	---	#8.40	9.53	9.13	9.89	8.85	8.23	7.26	7.68	7.21
11	---	#8.91	#8.86	9.38	9.63	8.95	9.86	8.87	8.23	7.36	7.76	7.49
12	---	#8.74	#8.95	9.35	9.69	8.90	9.87	8.88	8.29	7.58	7.85	7.66
13	---	#8.76	---	9.38	9.60	8.93	9.93	8.92	8.24	7.58	7.74	6.72
14	---	#8.84	---	9.46	9.65	9.07	9.99	8.89	8.24	7.53	7.61	6.01
15	---	---	#9.28	9.27	9.71	9.08	9.97	8.94	8.21	7.53	7.58	5.95
16	---	#8.98	#9.38	9.18	9.72	9.10	9.93	9.00	8.18	7.57	7.58	6.14
17	---	#8.84	---	9.16	9.75	9.11	9.93	9.01	8.16	7.61	7.73	6.19
18	---	#8.81	---	9.10	9.80	9.19	10.01	8.99	8.11	7.74	7.75	6.39
19	---	#8.81	---	9.17	9.91	9.25	10.02	9.04	8.07	7.64	7.51	6.72
20	---	#8.82	---	9.21	9.95	9.43	10.01	9.09	8.00	7.45	7.37	6.94
21	---	#8.75	---	9.30	10.00	9.54	9.97	8.97	7.90	7.34	7.39	6.99
22	#8.26	---	---	9.34	10.02	9.56	9.92	8.91	7.77	6.68	7.39	7.28
23	---	---	---	9.27	10.05	9.60	9.89	8.76	7.59	6.26	7.53	7.20
24	---	---	---	9.22	10.06	9.59	9.89	8.69	7.58	6.29	7.73	7.19
25	---	#8.35	---	9.24	10.14	9.59	9.92	8.68	7.82	6.33	7.84	7.40
26	---	---	---	9.31	9.96	9.71	9.84	8.68	7.98	6.33	7.70	7.62
27	---	#8.64	---	9.13	9.34	9.72	9.80	8.70	7.90	6.47	7.07	7.89
28	---	#8.70	---	9.06	9.25	9.80	9.61	8.70	7.78	6.81	6.86	8.12
29	---	---	---	9.06	---	9.86	9.58	8.70	7.78	6.99	6.70	8.18
30	---	---	---	9.10	---	9.76	9.63	8.57	7.86	6.87	6.70	8.10
31	---	---	---	9.13	---	9.79	---	8.49	---	6.82	6.85	---

Result of Tapedown

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582322134341001. Local number, CD04006619ACAB1050.

LOCATION.--Lat 58°23'20", long 134°34'17", in NE¹/₄ SW¹/₄ NE¹/₄ sec. 19, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301. Well is located at 3737 North El Camino Street, 30 ft west of the southwest corner of the house and 70 ft from North El Camino Street, Juneau. Owner: Nicholas Hindman.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 2 in., depth drilled 15 ft, cased to 4.7 ft, screened 2.5 to 4.7 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey, University of Alaska-Southeast or U.S. Forest Service personnel.

DATUM.--Elevation of land-surface datum is 43.87 ft above sea level (determined from levels survey). Measuring point: top of PVC casing 1.2 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #17 (Hindman Well). Well sampled for water quality, September 3, 1997, January 26, 1998, and September 3, 1998.

PERIOD OF RECORD.--July 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.40 ft below land-surface datum, October 23, 1999; lowest measured, 2.53 ft below land-surface datum, March 12, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	1.51	APR 12	1.88
NOV 4	1.45	APR 24	2.15
APR 10	1.89	AUG 14	2.16

582326134341901. Local number, CD04006619ADBA1011.

LOCATION.--Lat 58°23'36", long 134°34'19", in NW¹/₄ SE¹/₄ NE¹/₄ sec. 19, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301. Well is located 6 ft southeast of a bike path, 25 ft southeast of Mendenhall Loop Road, and about 450 ft southwest of intersection of Mendenhall Loop Road and Valley Boulevard, Juneau. Owner: Bruce B. Bigelow.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 1.25 in., depth 15 ft, screened 11 to 15 ft.

INSTRUMENTATION.--Intermittent measurement with chalked steel tape by U.S. Geological Survey or University of Alaska-Southeast personnel.

DATUM.--Elevation of land-surface datum is 45.76 ft above sea level (determined by levels survey). Measuring point: top of steel casing 1.3 ft above land-surface datum.

REMARKS.--Observation well drilled by U.S. Geological Survey, designated as Duck Creek #18 (Bigelow Well).

PERIOD OF RECORD.--June 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.01 ft above land-surface datum, July 25 and August 12, 1997; lowest measured, 2.55 ft below land-surface datum, April 23, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	0.70	APR 12	0.96
NOV 4	0.65	APR 24	1.40
APR 10	0.78	AUG 14	1.53

SOUTHEAST ALASKA

JUNEAU--CONTINUED

582359134352103. Local number, CD04006618CBCA3019 85177.

LOCATION.--Lat 58°23'59", long 134°35'21", SW¹/₄ NW¹/₄ SW¹/₄ sec.18, T. 40 S., R. 66 E. (Juneau B-2 NW quad), Hydrologic Unit 19010301, Mendenhall Loop Road, Juneau. Owner: Harlan Olsen.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 6 in., depth 40 ft, screened 30 to 40 ft.

INSTRUMENTATION.--Continuous strip-chart recorder November 1983 to August 1984. Digital recorder August 1984 to April 1997. Electronic data logger and submersible pressure transducer August 1997 to September 1998. Electronic data logger and encoder used September 1998 to current year.

DATUM.--Elevation of land-surface datum is 50.53 ft above sea level (determined by levels survey). Measuring point: Top of casing 0.77 ft above land-surface datum.

REMARKS.--Record good. Well also known as Mendenhall well.

PERIOD OF RECORD.--November 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded 4.89 ft below land-surface datum, September 25, 1990; lowest, 13.54 ft below land-surface datum, February 2, 1997.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 6.58 ft below land-surface datum, October 14-15, lowest recorded, 11.49 ft below land-surface datum, April 25-26.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.04	9.16	8.86	11.05	8.82	9.30	10.81	11.35	9.98	10.37	9.23	8.78
2	8.39	9.16	9.12	10.91	8.82	9.36	10.92	11.32	9.98	10.43	9.23	8.59
3	8.61	8.90	9.27	10.26	9.00	9.61	11.00	10.92	9.94	10.45	9.23	8.59
4	8.83	8.87	9.24	9.91	9.03	9.81	11.00	10.38	9.84	10.52	9.23	8.69
5	8.63	8.87	7.45	9.91	9.10	9.92	10.98	10.27	9.84	10.45	9.24	8.31
6	7.79	9.05	7.42	9.69	9.24	10.00	10.98	10.17	9.84	10.30	9.24	8.07
7	7.55	9.12	7.45	9.57	9.31	9.87	10.98	10.17	9.87	10.18	9.26	7.96
8	7.46	9.18	7.54	9.60	9.44	9.80	11.05	10.23	9.91	9.89	9.48	7.93
9	7.46	9.24	7.74	9.60	9.68	9.55	11.05	9.70	9.91	9.80	9.51	7.93
10	7.47	9.31	7.96	9.66	9.84	8.95	11.04	9.64	9.96	9.72	9.57	8.19
11	7.19	8.65	8.27	9.91	10.00	8.58	11.01	9.64	9.98	9.70	9.64	8.37
12	6.85	8.42	8.56	9.95	10.13	8.56	11.01	9.73	10.06	9.72	9.71	8.58
13	6.62	8.45	8.74	10.05	10.19	8.56	11.05	9.79	10.07	9.68	9.79	8.09
14	6.58	8.61	9.02	10.25	10.22	8.71	11.14	9.81	10.09	9.65	9.83	7.81
15	6.58	8.80	9.23	9.72	10.28	8.78	11.17	9.87	10.15	9.62	9.85	7.80
16	6.88	8.98	9.32	9.54	10.31	8.92	11.17	9.98	10.21	9.62	9.85	7.62
17	7.16	8.48	9.70	9.44	10.38	8.92	11.17	10.04	10.21	9.64	9.96	7.62
18	7.34	8.45	9.77	9.32	10.46	8.96	11.26	10.16	10.22	9.72	10.05	7.67
19	7.69	8.54	10.04	9.38	10.59	9.12	11.30	10.23	10.22	9.77	9.94	7.83
20	7.69	8.56	10.08	9.46	10.72	9.40	11.35	10.38	10.21	9.77	9.82	7.62
21	7.87	8.55	10.22	9.65	10.82	9.59	11.35	10.38	10.24	9.77	9.82	7.62
22	7.84	8.09	10.32	9.78	10.88	9.74	11.35	10.37	10.21	9.24	9.88	7.81
23	7.93	7.79	10.47	9.66	11.00	9.90	11.36	10.19	10.17	9.24	9.96	7.80
24	7.96	7.74	10.61	9.59	11.01	9.99	11.39	9.98	10.15	9.24	10.05	7.80
25	8.02	7.80	10.64	9.59	11.16	10.11	11.48	9.93	10.20	9.24	10.15	7.95
26	8.12	8.04	10.79	9.66	11.08	10.33	11.46	9.91	10.30	9.24	10.13	8.18
27	8.30	8.27	10.95	9.25	9.48	10.48	11.46	9.91	10.31	9.24	9.65	8.42
28	8.56	8.51	11.08	9.04	9.37	10.56	11.32	9.94	10.31	9.23	9.40	8.61
29	8.85	8.56	11.08	9.04	---	10.68	11.29	10.04	10.33	9.23	9.04	8.74
30	9.06	8.74	11.11	9.10	---	10.70	11.29	10.06	10.36	9.23	8.90	8.52
31	9.06	---	11.05	9.07	---	10.70	---	10.03	---	9.23	8.78	---

GROUND-WATER LEVEL DATA

SOUTH-CENTRAL ALASKA

MUNICIPALITY OF ANCHORAGE.

611725149335401. Local number, SB01400223BCCD1003.

LOCATION.--Lat 61°17'26", long 149°35'39", in SE¹/₄ SW¹/₄ SW¹/₄ NW¹/₄ sec.23, T.14 N., R.2 W.(Anchorage B-7SW quad), Hydrologic Unit 19020401, at Anchorage Regional Landfill, Glenn Highway and Hiland Road interchange, Anchorage. Owner: Municipality of Anchorage.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 6 in., depth 132 ft, cased to 118 ft, open hole. Casing perforated from 111 to 117 ft. Bedrock from 117 ft. Driller's log notes casing break at 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked steel tape by U.S. Geological Survey personnel July 1997 to September 1999. electronic data logger from September 3, 1999 to current year.

DATUM.--Elevation of land surface datum is 542.56 ft above sea level (determined by level survey). Measuring point: Top of casing 3.4 ft above land-surface datum.

REMARKS.--Observation well drilled by Municipality of Anchorage, designated as KB-6.

PERIOD OF RECORD.--August 1986, July 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 107.88 ft below land-surface datum, June 7, 2000; lowest, 114.25 ft below land-surface datum, Aug. 21, 1986.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 109.68 ft. below land-surface datum, June 27, July 4 and July 5; lowest, 110.61 ft. below land-surface datum, February 27 and March 12.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110.24	110.13	110.28	110.43	110.50	110.53	110.56	110.08	109.87	109.69	110.03	110.37
2	110.25	110.11	110.30	110.38	110.50	110.54	110.47	110.06	109.86	109.69	110.03	110.38
3	110.26	110.14	110.27	110.39	110.50	110.54	110.50	110.06	109.86	109.69	110.05	110.38
4	110.23	110.10	110.25	110.43	110.49	110.52	110.57	110.05	109.85	109.68	110.06	110.38
5	110.22	110.13	110.27	110.45	110.48	110.52	110.57	110.03	109.84	109.68	110.08	110.40
6	110.26	110.12	110.33	110.40	110.47	110.52	110.54	110.00	109.84	109.69	110.10	110.40
7	110.24	110.14	110.33	110.40	110.49	110.56	110.54	110.00	109.83	109.70	110.13	110.41
8	110.30	110.15	110.32	110.47	110.46	110.52	110.56	110.00	109.81	109.72	110.13	110.42
9	110.27	110.12	110.31	110.48	110.49	110.54	110.57	109.98	109.80	109.72	110.14	110.42
10	110.23	110.11	110.31	110.47	110.48	110.52	110.52	109.97	109.80	109.73	110.16	110.42
11	110.27	110.16	110.35	110.42	110.48	110.51	110.51	109.97	109.79	109.74	110.17	110.41
12	110.24	110.16	110.33	110.44	110.50	110.58	110.54	109.94	109.78	109.75	110.19	110.42
13	110.22	110.13	110.32	110.47	110.51	110.57	110.53	109.95	109.77	109.76	110.20	110.44
14	110.23	110.20	110.34	110.42	110.49	110.53	110.52	109.93	109.77	109.77	110.21	110.46
15	110.24	110.18	110.32	110.46	110.49	110.55	110.49	109.94	109.76	109.78	110.23	110.45
16	110.23	110.17	110.34	110.44	110.48	110.57	110.46	109.94	109.75	109.79	110.24	110.44
17	110.22	110.16	110.33	110.42	110.50	110.58	110.46	109.93	109.74	109.81	110.26	110.46
18	110.21	110.20	110.37	110.44	110.50	110.55	110.44	109.93	109.72	109.83	110.28	110.47
19	110.18	110.19	110.34	110.51	110.51	110.58	110.41	109.93	109.71	109.83	110.25	110.47
20	110.18	110.20	110.34	110.48	110.52	110.58	110.38	109.91	109.72	109.85	110.27	110.46
21	110.13	110.19	110.38	110.49	110.52	110.56	110.35	109.91	109.72	109.86	110.31	110.46
22	110.16	110.22	110.38	110.49	110.51	110.56	110.32	109.91	109.70	109.88	110.31	110.47
23	110.19	110.23	110.39	110.51	110.50	110.54	110.30	109.92	109.69	109.90	110.32	110.46
24	110.14	110.21	110.38	110.51	110.51	110.52	110.29	109.93	109.70	109.91	110.33	110.47
25	110.12	110.25	110.36	110.49	110.47	110.53	110.26	109.91	109.70	109.93	110.33	110.49
26	110.14	110.26	110.43	110.48	110.43	110.54	110.19	109.90	109.69	109.94	110.34	110.49
27	110.14	110.27	110.41	110.52	110.45	110.55	110.19	109.89	109.68	109.95	110.34	110.49
28	110.14	110.27	110.39	110.50	110.53	110.56	110.17	109.89	109.69	109.96	110.33	110.49
29	110.12	110.27	110.37	110.50	---	110.55	110.14	109.91	109.70	109.98	110.36	110.49
30	110.11	110.27	110.39	110.46	---	110.54	110.13	109.88	109.69	109.99	110.35	110.51
31	110.15	---	110.45	110.45	---	110.56	---	109.88	---	110.01	110.37	---
MEAN	110.20	110.18	110.34	110.46	110.49	110.55	110.42	109.95	109.76	109.81	110.22	110.44
MAX	110.30	110.27	110.45	110.52	110.53	110.58	110.57	110.08	109.87	110.01	110.37	110.51
MIN	110.11	110.10	110.25	110.38	110.43	110.51	110.13	109.88	109.68	109.68	110.03	110.37

YUKON ALASKA

FAIRBANKS NORTH STAR BOROUGH

644400147151501. Local number, FD00200224ABBB1001 51659.

LOCATION.--Lat 64°44'00", long 147°15'15", Hydrologic Unit 19040506, in road right-of-way at intersection of Nelson and Laurence Roads near North Pole. Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 4-in., depth 30 ft, screened from 27.5 to 30 ft using a 2-in. diameter well point.

INSTRUMENTATION.--Strip-chart recorder from June 1976 to May 1980. Digital recorder--1-hour punch interval, from November 1983 to June 1995. Electronic data logger from June 1995 to present.

DATUM.--Elevation of land-surface datum is 503.5 ft above sea level (determined by levels survey). Measuring point: Top of casing 2.97 ft above land-surface datum.

REMARKS.--Observation well drilled by the U.S. Army Corps of Engineers designated as P-251. Missing record from January 25 through March 1 due to equipment malfunction.

PERIOD OF RECORD.--June 1976 to May 1980 and November 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.84 ft below land-surface datum, June 7, 1992; lowest, 13.70 ft below land-surface datum, February 18-20, 1988.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.61 ft below land-surface datum, October 5; lowest, 13.26 ft below land-surface datum, April 9-12.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.62	12.17	12.48	12.77	---	---	13.21	12.81	12.92	12.69	12.28	11.89
2	11.63	12.19	12.50	12.77	---	13.07	13.21	12.80	12.93	12.68	12.26	11.90
3	11.63	12.21	12.51	12.76	---	13.09	13.21	12.79	12.93	12.67	12.22	11.91
4	11.62	12.24	12.52	12.78	---	13.09	13.23	12.78	12.94	12.66	12.19	11.90
5	11.61	12.25	12.52	12.77	---	13.09	13.23	12.78	12.96	12.65	12.16	11.91
6	11.62	12.27	12.54	12.77	---	13.10	13.23	12.77	12.96	12.63	12.14	11.93
7	11.63	12.28	12.56	12.76	---	13.10	13.24	12.77	12.96	12.62	12.11	11.94
8	11.64	12.30	12.58	12.77	---	13.11	13.25	12.77	12.94	12.61	12.09	11.96
9	11.68	12.31	12.59	12.79	---	13.11	13.25	12.77	12.92	12.59	12.08	11.98
10	11.68	12.32	12.59	12.81	---	13.11	13.25	12.77	12.91	12.58	12.06	11.98
11	11.68	12.32	12.61	12.80	---	13.10	13.24	12.78	12.89	12.57	12.05	11.99
12	11.70	12.35	12.62	12.80	---	13.12	13.25	12.77	12.87	12.57	12.04	11.99
13	11.72	12.36	12.63	12.81	---	13.13	13.25	12.78	12.86	12.56	12.02	12.00
14	11.73	12.37	12.63	12.81	---	13.13	13.23	12.78	12.85	12.55	12.01	12.04
15	11.74	12.38	12.64	12.82	---	13.13	13.21	12.79	12.83	12.53	11.99	12.07
16	11.77	12.38	12.64	12.84	---	13.14	13.18	12.81	12.81	12.53	11.98	12.09
17	11.80	12.38	12.65	12.83	---	13.15	13.16	12.82	12.80	12.52	11.96	12.10
18	11.84	12.39	12.65	12.84	---	13.15	13.13	12.84	12.79	12.51	11.95	12.13
19	11.86	12.39	12.67	12.84	---	13.16	13.09	12.86	12.78	12.50	11.92	12.15
20	11.89	12.39	12.68	12.85	---	13.16	13.06	12.87	12.78	12.50	11.91	12.16
21	11.91	12.39	12.69	12.86	---	13.17	13.04	12.87	12.77	12.49	11.90	12.18
22	11.92	12.40	12.71	12.86	---	13.17	13.01	12.88	12.76	12.48	11.89	12.19
23	11.96	12.40	12.71	12.87	---	13.17	12.98	12.89	12.75	12.47	11.88	12.21
24	12.00	12.41	12.72	12.88	---	13.17	12.96	12.90	12.75	12.45	11.87	12.23
25	12.02	12.42	12.73	---	---	13.18	12.94	12.89	12.75	12.44	11.86	12.26
26	12.04	12.42	12.73	---	---	13.18	12.91	12.89	12.74	12.43	11.86	12.29
27	12.06	12.43	12.75	---	---	13.19	12.88	12.90	12.73	12.41	11.86	12.31
28	12.08	12.45	12.75	---	---	13.20	12.87	12.90	12.72	12.39	11.86	12.33
29	12.10	12.46	12.75	---	---	13.20	12.85	12.90	12.71	12.36	11.87	12.35
30	12.12	12.47	12.75	---	---	13.21	12.83	12.91	12.70	12.34	11.87	12.37
31	12.14	---	12.76	---	---	13.21	---	12.91	---	12.31	11.88	---

GROUND-WATER LEVEL DATA

YUKON ALASKA

FAIRBANKS NORTH STAR BOROUGH—CONTINUED

644528147131201. Local number, FD00200307ACBD1001 51660.

LOCATION.--Lat 64°45'28", long 147°13'12", Hydrologic Unit 19040506, inside Corps of Engineers Chena Lakes Project fenced compound, 120 ft west of headquarters building and 2 mi northeast of the intersection of Laurence and Nelson Roads. Owner: U.S. Army Corps of Engineers.

AQUIFER.--Chena Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Diameter 4-in., depth 31 ft, screened from 28.5 to 31 ft using a 2-in. diameter well point.

INSTRUMENTATION.--Continuous strip-chart recorder from June 1976 to May 1980. Digital recorder--1-hour punch interval, from October 1985 to April 1995. Electronic data logger used from April 1995 to present.

DATUM.--Elevation of land-surface datum is 494.7 ft above sea level (determined by levels survey). Measuring point: Top of casing 2.91 ft above land-surface datum.

REMARKS.--Observation well drilled by the U.S. Army Corps of Engineers, designated as P-252. Water levels from water years 1986 through 1990 were not previously published and are available from WATSTORE.

PERIOD OF RECORD.--June 1976 to May 1980 and October 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.85 ft below land-surface datum, June 8-9, 1992; lowest, 13.20 ft below land-surface datum September 15, 1976.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 8.26 ft below land-surface datum, October 6-7; lowest, 10.81 ft below land-surface datum, April 15-20.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.28	8.74	9.18	9.71	10.16	10.44	10.71	10.62	10.42	10.28	10.10	9.57
2	8.29	8.76	9.20	9.73	10.17	10.45	10.72	10.62	10.41	10.28	10.08	9.57
3	8.29	8.78	9.22	9.75	10.19	10.46	10.72	10.62	10.40	10.28	10.05	9.56
4	8.29	8.80	9.23	9.76	10.20	10.47	10.73	10.62	10.40	10.28	10.02	9.55
5	8.27	8.82	9.25	9.78	10.21	10.48	10.73	10.62	10.40	10.27	10.00	9.55
6	8.26	8.84	9.26	9.79	10.23	10.49	10.74	10.62	10.40	10.27	9.99	9.55
7	8.26	8.86	9.28	9.81	10.24	10.50	10.75	10.62	10.40	10.27	9.97	9.56
8	8.27	8.87	9.30	9.81	10.25	10.51	10.76	10.62	10.38	10.27	9.95	9.56
9	8.30	8.89	9.33	9.83	10.26	10.52	10.77	10.62	10.37	10.25	9.94	9.56
10	8.32	8.90	9.34	9.86	10.27	10.53	10.77	10.62	10.35	10.24	9.93	9.55
11	8.32	8.90	9.37	9.88	10.28	10.53	10.78	10.61	10.34	10.23	9.92	9.54
12	8.34	8.92	9.39	9.90	10.29	10.54	10.78	10.61	10.33	10.23	9.90	9.53
13	8.34	8.94	9.40	9.91	10.31	10.55	10.79	10.61	10.32	10.22	9.89	9.53
14	8.34	8.94	9.42	9.93	10.32	10.57	10.80	10.60	10.31	10.22	9.87	9.54
15	8.34	8.96	9.44	9.94	10.33	10.58	10.80	10.60	10.31	10.21	9.84	9.57
16	8.36	8.98	9.45	9.95	10.34	10.58	10.81	10.58	10.30	10.21	9.83	9.58
17	8.38	8.99	9.46	9.97	10.34	10.60	10.80	10.57	10.29	10.20	9.81	9.58
18	8.41	9.00	9.48	9.98	10.35	10.61	10.80	10.58	10.28	10.20	9.79	9.58
19	8.44	9.01	9.49	9.99	10.36	10.62	10.81	10.58	10.27	10.20	9.75	9.59
20	8.47	9.02	9.51	10.01	10.37	10.62	10.80	10.57	10.26	10.20	9.73	9.60
21	8.50	9.03	9.53	10.02	10.38	10.64	10.79	10.57	10.26	10.20	9.72	9.60
22	8.51	9.04	9.55	10.03	10.39	10.64	10.78	10.56	10.26	10.18	9.70	9.60
23	8.52	9.05	9.57	10.05	10.41	10.65	10.75	10.55	10.26	10.18	9.67	9.61
24	8.56	9.06	9.59	10.06	10.41	10.66	10.73	10.55	10.26	10.19	9.66	9.62
25	8.59	9.07	9.60	10.08	10.42	10.66	10.71	10.51	10.26	10.19	9.64	9.63
26	8.62	9.09	9.61	10.09	10.42	10.66	10.69	10.49	10.27	10.19	9.63	9.66
27	8.64	9.11	9.63	10.10	10.42	10.67	10.66	10.47	10.27	10.18	9.62	9.67
28	8.66	9.13	9.65	10.12	10.43	10.68	10.64	10.46	10.27	10.17	9.61	9.69
29	8.69	9.15	9.67	10.13	---	10.68	10.63	10.45	10.27	10.16	9.60	9.71
30	8.70	9.16	9.68	10.14	---	10.69	10.62	10.44	10.28	10.14	9.58	9.73
31	8.71	---	9.70	10.15	---	10.70	---	10.43	---	10.12	9.57	---

YUKON ALASKA

FAIRBANKS NORTH STAR BOROUGH—CONTINUED

645434147385101. Local number, FB00100113DDBC2001 50673.

LOCATION.--Lat 64°54'34", long 147°38'51", Hydrologic Unit 19040506, in road right-of-way at 2.3 mi McGrath Road, off Farmers' Loop Road near Fairbanks. Owner: U.S. Geological Survey.

AQUIFER.--Quartz-mica schist of pre-Jurassic age.

WELL CHARACTERISTICS.--Diameter 6-in., depth 100 ft, metal casing to 98.5 ft, perforated openings from 88.5 ft to 98.5 ft, and open hole to 100 ft.

INSTRUMENTATION.--Digital recorder, from October 1983 to June 1995. Electronic data logger from June 1995 to May 1996. Digital recorder, from May 1996 to September 1997. Electronic data logger from October 1997 to present.

DATUM.--Elevation of land-surface datum is 740 ft above sea level (determined from topographic map). Measuring point is top of casing 1.00 ft above land-surface datum.

REMARKS.--Observation well drilled by the U.S. Geological Survey, designated as McGrath Well, replaces old McGrath Estates well, 645429147383801. Missing record from Jan. 29 through Feb. 3 due to equipment malfunction.

PERIOD OF RECORD.--June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.13 ft below land-surface datum, October 28, 1983; lowest, 44.85 ft below land-surface datum, July 3, 1990.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 42.33 ft below land-surface datum, September 13; lowest, 43.00 ft below land-surface datum, June 26.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO
SEPTEMBER 2001
DAILY HIGHEST WATER LEVEL

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.89	42.70	42.64	42.50	---	42.60	42.62	42.61	42.54	42.73	42.58	42.46
2	42.96	42.66	42.64	42.58	---	42.65	42.70	42.56	42.58	42.73	42.55	42.51
3	42.93	42.65	42.67	42.42	---	42.66	42.52	42.55	42.56	42.69	42.52	42.48
4	42.83	42.72	42.64	42.44	42.69	42.71	42.52	42.56	42.71	42.65	42.53	42.49
5	42.71	42.75	42.48	42.54	42.71	42.66	42.60	42.56	42.62	42.66	42.59	42.46
6	42.70	42.75	42.49	42.56	42.62	42.65	42.64	42.63	42.59	42.61	42.61	42.51
7	42.70	42.71	42.69	42.40	42.62	42.60	42.64	42.53	42.57	42.63	42.65	42.57
8	42.74	42.72	42.72	42.40	42.53	42.64	42.73	42.53	42.55	42.68	42.67	42.58
9	42.88	42.69	42.62	42.47	42.52	42.56	42.77	42.56	42.52	42.66	42.60	42.60
10	42.76	42.58	42.50	42.65	42.58	42.55	42.68	42.56	42.54	42.56	42.57	42.50
11	42.75	42.58	42.54	42.60	42.54	42.47	42.58	42.54	42.61	42.56	42.56	42.44
12	42.68	42.63	42.66	42.49	42.57	42.50	42.59	42.54	42.60	42.58	42.57	42.34
13	42.68	42.60	42.59	42.48	42.64	42.61	42.68	42.53	42.56	42.60	42.56	42.33
14	42.63	42.60	42.58	42.56	42.65	42.67	42.75	42.46	42.56	42.61	42.48	42.38
15	42.63	42.65	42.55	42.54	42.62	42.57	42.81	42.46	42.62	42.61	42.49	42.52
16	42.65	42.66	42.53	42.57	42.52	42.57	42.71	42.48	42.62	42.64	42.47	42.52
17	42.71	42.64	42.52	42.46	42.48	42.63	42.67	42.50	42.55	42.71	42.50	42.54
18	42.75	42.64	42.45	42.46	42.54	42.74	42.67	42.50	42.59	42.70	42.50	42.51
19	42.79	42.70	42.50	42.45	42.64	42.78	42.72	42.54	42.60	42.66	42.53	42.51
20	42.74	42.67	42.55	42.51	42.66	42.74	42.68	42.64	42.56	42.66	42.45	42.45
21	42.71	42.57	42.55	42.57	42.71	42.74	42.66	42.58	42.56	42.68	42.47	42.39
22	42.65	42.57	42.58	42.58	42.70	42.72	42.66	42.50	42.74	42.66	42.51	42.35
23	42.70	42.65	42.57	42.57	42.64	42.61	42.62	42.49	42.62	42.70	42.46	42.39
24	42.83	42.67	42.56	42.58	42.64	42.54	42.62	42.54	42.58	42.72	42.46	42.51
25	42.74	42.67	42.40	42.58	42.51	42.48	42.62	42.52	42.70	42.71	42.49	42.56
26	42.73	42.72	42.40	42.51	42.45	42.50	42.61	42.49	42.87	42.66	42.50	42.56
27	42.72	42.77	42.48	42.46	42.35	42.53	42.51	42.51	42.75	42.65	42.54	42.56
28	42.75	42.78	42.55	42.51	42.36	42.58	42.51	42.55	42.68	42.61	42.53	42.56
29	42.79	42.70	42.44	---	---	42.65	42.53	42.65	42.68	42.58	42.47	42.54
30	42.67	42.68	42.42	---	---	42.59	42.57	42.65	42.75	42.60	42.41	42.52
31	42.67	---	42.45	---	---	42.58	---	42.54	---	42.58	42.41	---