

Appendix D: Temperature Data Information

Stream temperature monitoring provided continuous water temperature data at various locations around the watershed. Within the Salmon River watershed there are approximately seventy eight sites where stream temperatures have been monitored. Data from fourteen of these sites was utilized in the analysis presented in Appendix B. These locations and the dates and values of the maximum weekly average temperature for each of the fourteen sites are presented in table B-7.

Monitoring station information and summary of MWAT values and dates for all sites are provided in Tables D-1 and D-2.

Stream Temperature Device Deployment Method

Monitoring device deployment occurs during the summer months to capture the hottest period of the field season.

Prior to deployment, stream temperature monitoring devices are calibrated against a National Institute of Standards and Technology (NIST) traceable thermometer at room temperature and in an ice water bath to insure that they are operating within the accuracy of the devices specified temperature range. Following calibration, each device is set to collect data generally at intervals of one hour or sometimes at half hour intervals.

At each monitoring site where water temperature data was collected, a general deployment method was followed. This deployment consisted of anchoring the device in a shaded, well-mixed zone, e.g., at the end of a riffle or cascade. Additionally, the device is positioned in or near the thalweg of the stream to minimize potential for exposure to atmospheric conditions. The device is then covered or in some way camouflaged to ward off potential vandalism, theft, or other disturbances. Photos and GPS coordinates are taken to enable ease in locating the device for retrieval.

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Table D-1: Temperature Monitoring Station Information

| Station Information | | | Monitoring Years and MWATs (°C) | | | | | | | | | | | | | | Data |
|---------------------|----------|--|---------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Site # | Site ID | Site Description | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Source |
| 1 | KSA 0.0 | Salmon - Mouth | | | | | | | | | | | | 23.37 | | | USFS |
| 2 | SA Mouth | Salmon - Mouth (Six Rivers Data) | | | | | | | | 22.51 | 21.63 | 20.05 | 22.7 | 23.79 | 22.55 | | USFS |
| 3 | KSA 4.0 | Salmon above Wooley | | | | | | | | | | | | 23.41 | | | USFS |
| 4 | KSA 14.0 | Crapo Hole | | | | | | | | | | | | | 20.84 | | SRRC |
| 5 | KSA 14.7 | Salmon River below Nordheimer | | | | | | | | | 21.06 | 19.76 | | 23.12 | 22.70 | 22.96 | SRRC |
| 6 | KSA 14.8 | Salmon River above Nordheimer | | | | | | | | | 21.06 | | | | | | SRRC |
| 7 | KSA 16.1 | Salmon River above Crapo Creek | | | | | | | | | 21.12 | | | | | | SRRC |
| 8 | KSA 19.8 | MS Salmon below Forks | | | | | | | | | 20.56 | | 22.51 | | 22.61 | 22.73 | SRRC |
| 9 | SA 7 | Salmon | | | | | | | 22.3 | | 21.5 | 20.4 | 22.8 | 23.4 | | | USFS |
| 10 | SA 8 | Salmon | | | | | | | | | 21.6 | | | | | | USFS |
| 11 | SA 9 | Salmon | | | | | | | | | 21.6 | | | | | | USFS |
| 12 | SA 10 | Salmon | | 23.1 | 23.7 | 20.8 | 26.8 | | | | 21.5 | | 23.2 | 23.4 | | | USFS |
| 13 | SA 11 | Salmon | | | | | | | 22.1 | 22.5 | 20.9 | | 22.1 | | | | USFS |
| 14 | JGR 1.0 | Grant Creek | | | | | | | | | 16.18 | | | | | | SRRC |
| 15 | JMR 1.0 | Merrill Creek | | | | | | | | 18.1 | 17.96 | 16.75 | 20.43 | | 18.01 | 18.07 | USFS |
| 16 | KBU 1.0 | Butler Creek | | | | | | | 16.82 | | | | | 15.83 | | | SRRC |
| 17 | KCR 1.0 | Crapo Creek - Mouth | | | | | | | | | 17.99 | 15.47 | 17.35 | | 17.50 | 17.99 | SRRC |
| 18 | KCR 2.0 | Crapo Creek - Lower Landing | | | | | | | | | | | 15.17 | | | | SRRC |
| 19 | KNO 1.0 | Nordheimer Creek | | | | | | | | | 19.37 | 17.3 | 19.35 | | 19.16 | 19.64 | SRRC |
| 20 | STS | Somes Creek | | | 16.6 | 14.8 | 16.7 | | | | 16.1 | | | | | | USFS |
| 21 | KWO 0.0 | Wooley Creek - Mouth | | | 20.5 | 17.1 | | | | | 19 | 17.5 | 19.8 | 20.51 | | | USFS |
| 22 | WO 2 | Wooley Creek | | | 19 | | | | | | | | | | | | USFS |
| 23 | WO 3 | Wooley Creek | | | 19 | 15.9 | | | | | | | | | | | USFS |
| 24 | WO 4 | Wooley Creek | | | 17.2 | 14.6 | | | | | | | | | | | USFS |
| 25 | ASN 11.0 | North Fork below Little North Fork | | | | | | | | | 19.55 | 18.14 | 20.23 | | 20.50 | 21.05 | SRRC |
| 26 | ASN 11.4 | North Fork above Little North Fork | | | | | | | | | 20.67 | 19.6 | | | | | SRRC |
| 27 | ASN 15.2 | North Fork below Eddy Gulch - Holzem's | | | | | | | | 20.84 | 19.89 | 18.09 | 21.15 | 22.03 | 20.79 | 21.44 | SRRC |
| 28 | ASN 15.8 | North Fork above Eddy Gulch | | | | | | | | 21.08 | 19.56 | | | | | | SRRC |
| 29 | KSN 0.1 | North Fork Salmon above Forks | | | | | | | | | | 20.33 | | | 23.18 | | USFS |

| Station Information | | | Monitoring Years and MWATs (°C) | | | | | | | | | | | | | | Data |
|---------------------|-----------|--|---------------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| Site # | Site ID | Site Description | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Source |
| 30 | KSN 9.2 | North Fork @ Boulder Gulch | | | | | | | | | | | | | 20.66 | 21.65 | SRRC |
| 31 | KSN 11.4 | North Fork above Little North Fork at Robert's | | | | | | | | | | | | | 21.66 | 22.38 | SRRC |
| 32 | KSN 11.8 | Kelly Gulch | | | | | | | | | | | | 16.8 | | | SRRC |
| 33 | KSN 19.8 | North Fork below Russians - O'Connor | | | | | | | | | | 16.97 | 19.39 | 20.35 | 19.17 | 20.07 | SRRC |
| 34 | KSN 19.9 | North Fork below Russians | | | | | | | | | 18.21 | | | | | | SRRC |
| 35 | KSN 20.5 | North Fork above Russians | | | | | | | | | 19.2 | 17.2 | 20.44 | 21.08 | 20.11 | | SRRC |
| 36 | SN 10 | North Fork Salmon @ Mule Bridge | | | | | | | | | | | 19.3 | | 19.19 | | USFS |
| 37 | Big Creek | North Fork at Big Creek | | | | | | | | | | | | | 18.01 | | USFS |
| 38 | AEG 1.0 | Eddy Gulch | | | | | | | | | 16.01 | 14.7 | 16.61 | | | | USFS |
| 39 | ALN 1.0 | Little North Fork - Mouth | | | | | | | | | 17.15 | 15.47 | 17.35 | 17.48 | 17.35 | 17.99 | SRRC |
| 40 | ALN 2.0 | Little North Fork below Specimen Creek | | | | | | | | | 16.9 | 15.28 | 16.96 | | 17.01 | | USFS |
| 41 | ALN 3 & 4 | Little North Fork above Specimen Creek | | | | | | | | | 16.53 | 15.18 | 16.91 | | | | USFS |
| 42 | KRU 1.0 | North Russian below South Russian | | | | | | | | | | 14.74 | 17.15 | 17.85 | 17.04 | 17.77 | SRRC |
| 43 | KRU 2.0 | South Russian Creek | | | | | | | | | 15.73 | 14.78 | 16.6 | 17.08 | 16.77 | 17.75 | SRRC |
| 44 | KRU 3.0 | North Russian above South Russian | | | | | | | | | 16.83 | 15.14 | 16.69 | 16.79 | 16.60 | 17.30 | SRRC |
| 45 | KRU 23.0 | North Russian below Cow Creek | | | | | | | | | | 13.84 | 15.46 | | 15.17 | | SRRC |
| 46 | KRU 11.0 | North Russian at Joltass Creek | | | | | | | | | | 13.91 | 15.63 | | | | SRRC |
| 47 | KSP 1.0 | Specimen Creek - Mouth | | | | | | | | | | | 16.58 | | | | USFS |
| 48 | KSP 3.0 | Specimen above King | | | | | | | | | | | 18.28 | | | | USFS |
| 49 | KSP 4.0 | Right Fork Specimen | | | | | | | | | | | 16.78 | | | | USFS |
| 50 | KSP 5.0 | Left Fork Specimen | | | | | | | | | | | 17.52 | | | | USFS |
| 51 | KSS 0.2 | South Fork above Forks | | | | | | | | | | 19.62 | | | 22.48 | | USFS |
| 52 | KSS 2.3 | South Fork below Knownothing Creek | | | | | | | | | | 19.02 | 21.44 | | | | SRRC |
| 53 | KSS 2.5 | South Fork above Knownothing Creek | | | | | | | | | | 19.58 | | | | | SRRC |
| 54 | KSS 8.5 | South Fork below Black Bear Creek | | | | | | | | | | 18.32 | 21.04 | 21.96 | 21.49 | 21.11 | SRRC |
| 55 | KSS 12.0 | South Fork @ 12mp | | | | | | | | | | | | | 20.87 | | SRRC |
| 56 | KSS 15.5 | South Fork Aquarium Hole, below St Claire | | | | | | | | | | | | | 19.87 | | SRRC |
| 57 | KSS 19.1 | South Fork below East Fork | | | | | | | | | | 16.43 | 18.95 | 19.87 | 19.25 | 18.64 | SRRC |
| 58 | KSS 20.0 | South Fork above East Fork | | | | | | | | | | 16.5 | | | 19.24 | 18.48 | SRRC |
| 59 | KSS 26.0 | South Fork below Blind Horse Creek | | | | | | | | | | | 16.41 | 17.91 | 17.34 | 16.66 | SRRC |

| Station Information | | | Monitoring Years and MWATs (°C) | | | | | | | | | | | | | | Data |
|---------------------|----------|----------------------------------|---------------------------------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|--------|
| Site # | Site ID | Site Description | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Source |
| 60 | KSS 37.0 | South Fork @ Big Flat | | | | | | | | 19.28 | | | | | | | USFS |
| 61 | SS 9 | South Fork Salmon (@ Petersburg) | | | | | | | | | | | 17.8 | 22 | 19.68 | | USFS |
| 62 | SS 10 | South Fork Salmon | | 18.3 | 20.1 | | | | | 18.3 | | | | | | | USFS |
| 63 | KBB 1.0 | Black Bear Creek | | | | | | | | | | 16.55 | 18.01 | 17.89 | 18.84 | | USFS |
| 64 | KCE 1.0 | Cecil Creek | | | | | | | | 16.02 | 15.89 | 14.44 | 15.98 | | | | SRRC |
| 65 | KIN 1.0 | Indian Creek | 18.6 | | | | | | | | | 15.67 | 16.83 | | | | USFS |
| 66 | KKN 1.0 | Knownothing Creek - Mouth | | | | | | 16.53 | | | | 16.35 | 17.55 | 18.61 | 17.93 | 18.33 | SRRC |
| 67 | KKN 2.5 | West Fork Knownothing Creek | | | | | | | | | | 15.05 | | | 16.54 | | SRRC |
| 68 | KKN 4.0 | East Fork Knownothing Creek | | | | | | | | | | 14.86 | | | | | SRRC |
| 69 | KME 1.0 | Methodist Creek | | | | | | | | | | 16.81 | 17.98 | 18.12 | 18.45 | 19.58 | SRRC |
| 70 | KSE 1.0 | East Fork Salmon - Mouth | | | | | | | | | | 15.47 | 18.39 | 18.86 | 18.27 | | SRRC |
| 71 | KSE 1.4 | East Fork below Taylor Creek | | | | | | | | | | 15.11 | 17.62 | 18.17 | 17.86 | 18.08 | SRRC |
| 72 | KSE 2.1 | East Fork above Taylor Creek | | | | | | | | | | 15.71 | 18.21 | 18.74 | 18.18 | 18.84 | SRRC |
| 73 | KTA 1.0 | South Taylor Creek - Mouth | | | | | | | | 15 | | 13.45 | 15.52 | 15.71 | 15.61 | 15.84 | SRRC |
| 74 | SSTP | Plummer Creek | | | | | | | | | | | 16.6 | 17.4 | 17.53 | | USFS |
| 75 | SEF | East Fork Salmon | | 18 | 20.2 | | | | | | | | | | | | USFS |
| 76 | SSTBB 1 | Black Bear Creek | | 16 | 17.3 | | | | | | | | | | | | USFS |
| 77 | SSTBB 2 | Black Bear Creek | 18.5 | | | | | | | | | | | | | | USFS |

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Table D-2: Temperature Monitoring Station MWAT Values

| Site ID | Site Description | MWAT (°C) | MWAT Date |
|----------|------------------------------------|-----------|------------|
| AEG 1.0 | Eddy Gulch | 16.01 | 08/09/1998 |
| AEG 1.0 | Eddy Gulch | 14.70 | 08/23/1999 |
| AEG 1.0 | Eddy Gulch | 16.61 | 07/30/2000 |
| ALN 1.0 | Little North Fork Salmon River | 17.15 | 07/22/1998 |
| ALN 1.0 | Little North Fork | 15.47 | 08/23/1999 |
| ALN 1.0 | Little North Fork - Mouth | 17.35 | 07/30/2000 |
| ALN 1.0 | Little NF Mouth | 17.48 | 08/07/2001 |
| ALN 1.0 | Little NF Mouth | 17.35 | 07/11/2002 |
| ALN 1.0 | Little NF Mouth | 17.99 | 07/21/2003 |
| ASN 11.0 | North Fork below Little North Fork | 19.55 | 08/09/1998 |
| ASN 11.0 | NF below Little NF | 18.14 | 08/22/1999 |
| ASN 11.0 | NF below Little NF | 20.23 | 07/30/2000 |
| ASN 11.0 | NF below Little NF | 20.50 | 07/26/2002 |
| ASN 11.0 | NF below Little NF | 21.05 | 07/24/2003 |
| ASN 11.4 | North Fork above Little North Fork | 20.67 | 08/09/1998 |
| ASN 11.4 | NF above Little NF | 19.06 | 08/22/1999 |
| ASN 15.2 | North Fork below Eddy Gulch | 20.84 | 08/06/1997 |
| ASN 15.2 | North Fork below Eddy Gulch | 19.89 | 08/09/1998 |
| ASN 15.2 | North Fork Salmon | 18.09 | 08/22/1999 |
| ASN 15.2 | Holzem's | 21.15 | 07/30/2000 |
| ASN 15.2 | Holzem's | 22.03 | 08/06/2001 |
| ASN 15.2 | North Fork below Eddy Gulch | 20.79 | 07/26/2002 |
| ASN 15.2 | North Fork below Eddy Gulch | 21.44 | 07/26/2003 |
| ASN 15.8 | North Fork above Eddy Gulch | 21.08 | 08/06/1997 |
| ASN 15.8 | North Fork above Eddy Gulch | 19.56 | 08/09/1998 |
| ASN 20.0 | 17703 | 19.46 | 08/06/1997 |
| JGR 1.0 | Grant Creek | 16.18 | 07/22/1998 |
| JME 1.0 | Merrill Creek | 17.96 | 07/21/1998 |
| JMR 1.0 | Merrill Creek | 16.75 | 08/23/1999 |
| JME 1.0 | Merrill Creek | 20.43 | 09/12/2000 |
| JMR 1.0 | Merrill Creek | 18.01 | 07/27/2002 |
| JMR 1.0 | Merrill Creek | 18.07 | 07/29/2003 |
| KBB 1.0 | Black Bear Creek | 16.55 | 07/10/1999 |
| KBB 1.0 | Black Bear Creek | 18.01 | 07/30/2000 |
| KBB 1.0 | Black Bear Creek | 17.89 | 07/24/2001 |
| KBB 1.0 | Black Bear Creek | 18.84 | 07/11/2002 |
| BU | BUT97 | 16.82 | 07/25/1996 |
| KBU 1.0 | Butler Creek | 15.83 | 07/25/2001 |
| KCE 1.0 | Cecil Creek | 16.02 | 08/06/1997 |
| KCE 1.0 | Cecil Creek | 15.89 | 07/22/1998 |
| KCE 1.0 | Cecil Creek | 14.44 | 08/23/1999 |
| KCE 1.0 | Cecil Creek | 15.98 | 07/30/2000 |
| KCR 1.0 | Crapo Creek | 17.99 | 07/21/1998 |
| KCR 1.0 | Crapo Creek - Mouth | 15.47 | 08/22/1999 |
| KCR 1.0 | Crapo Creek - Mouth | 17.35 | 07/30/2000 |

| Site ID | Site Description | MWAT (°C) | MWAT Date |
|---------|-----------------------------------|-----------|------------|
| KCR 1.0 | Crapo Creek - Mouth | 17.50 | 07/10/2002 |
| KCR 1.0 | Crapo Creek - Mouth | 17.99 | 07/29/2003 |
| KCR 2.0 | Crapo - Lower Landing | 15.17 | 07/30/2000 |
| KIN 1.0 | Indian Creek | 15.67 | 07/09/1999 |
| KIN 1.0 | Indian Creek | 16.83 | 07/30/2000 |
| KN | KNOW0928 | 16.53 | 08/02/1995 |
| KKN 1.0 | Knownothing Creek | 16.35 | 08/23/1999 |
| KKN 1.0 | Knownothing - Mouth | 17.55 | 07/30/2000 |
| KKN 1.0 | Knownothing - Mouth | 18.61 | 08/06/2001 |
| KKN 1.0 | Knownothing - Mouth | 17.93 | 07/26/2002 |
| KKN 1.0 | Knownothing - Mouth | 18.33 | 07/29/2003 |
| KKN 1.1 | Knownothing abv Confluence | 16.25 | 07/31/2000 |
| KKN 2.0 | West Fork Knownothing | 15.05 | 08/23/1999 |
| KKN 2.5 | West Fork Knownothing | 16.54 | 07/27/2002 |
| KKN 4.0 | East Fork Knownothing | 14.86 | 08/23/1999 |
| KLN 2.0 | Little North Fork below Specimen | 16.90 | 08/09/1998 |
| KLN 2.0 | Little NF below Specimen | 16.96 | 07/30/2000 |
| KLN 2.0 | Little NF below Specimen | 17.01 | 07/26/2002 |
| KLN 2.0 | Little NF below Specimen | 15.28 | 08/23/1999 |
| KLN 3.0 | Little NF above Specimen | 16.91 | 07/30/2000 |
| KLN 4.0 | Little North Fork above Specimen | 15.18 | 08/22/1999 |
| KLN 4.0 | Little North Fork above Specimen | 16.53 | 08/09/1998 |
| ME | MET0928 | 17.37 | 08/02/1995 |
| KME 1.0 | Methodist Creek | 16.81 | 07/10/1999 |
| KME 1.0 | Methodist Creek | 17.98 | 07/31/2000 |
| KME 1.0 | Methodist Creek | 18.12 | 08/07/2001 |
| KME 1.0 | Methodist Creek | 18.45 | 07/27/2002 |
| KME 1.0 | Methodist Creek | 19.58 | 07/29/2003 |
| KNO 1.0 | Nordheimer Creek | 19.37 | 07/22/1998 |
| KNO 1.0 | Nordheimer Creek | 17.30 | 08/23/1999 |
| KNO 1.0 | Nordheimer Creek | 19.35 | 07/30/2000 |
| KNO 1.0 | Nordheimer Creek | 19.16 | 07/26/2002 |
| KNO 1.0 | Nordheimer Creek | 19.64 | 07/24/2003 |
| KRU 1.0 | North Russian below South Russian | 14.74 | 08/23/1999 |
| KRU 1.0 | North Russian Triangle | 17.15 | 07/30/2000 |
| KRU 1.0 | North Russian @ Triangle | 17.85 | 08/07/2001 |
| KRU 1.0 | North Russian Triangle | 17.04 | 07/26/2002 |
| KRU 1.0 | North Russian Triangle | 17.77 | 07/26/2003 |
| KRU 2.0 | South Russian | 15.73 | 08/09/1998 |
| KRU 2.0 | South Russian Creek | 14.78 | 08/23/1999 |
| KRU 2.0 | South Russian Creek | 16.60 | 07/30/2000 |
| KRU 2.0 | South Russian Creek | 17.08 | 08/07/2001 |
| KRU 2.0 | South Russian Creek | 16.77 | 07/11/2002 |
| KRU 2.0 | South Russian Creek | 17.75 | 07/22/2003 |
| KRU 3.0 | North Russian | 16.83 | 08/09/1998 |
| KRU 3.0 | North Russian above South Russian | 15.14 | 08/23/1999 |
| KRU 3.0 | North Russian above South Russian | 16.69 | 08/02/2000 |

| Site ID | Site Description | MWAT (°C) | MWAT Date |
|----------|------------------------------------|-----------|------------|
| KRU 3.0 | North Russian above South Russian | 16.79 | 08/07/2001 |
| KRU 3.0 | North Russian above South Russian | 16.60 | 07/27/2002 |
| KRU 3.0 | North Russian above South Russian | 17.30 | 07/23/2003 |
| KRU 7.0 | North Russian below Cow Creek | 13.84 | 08/22/1999 |
| KRU 7.0 | Snowden | 15.46 | 07/30/2000 |
| KRU 11.0 | North Russian at Jolt Ass Creek | 13.91 | 08/23/1999 |
| KRU 11.0 | Joltass Creek | 15.63 | 07/31/2000 |
| KRU 23.0 | North Russian below Cow Creek | 15.17 | 07/27/2002 |
| KSA 0.0 | Salmon - Mouth | 23.37 | 07/23/2001 |
| KSA 4.0 | Salmon above Wooley | 23.41 | 07/23/2001 |
| KSA 14.7 | Salmon River below Nordheimer | 21.06 | 08/09/1998 |
| KSA 14.7 | Salmon River below Nordheimer | 19.76 | 08/22/1999 |
| KSA 14.7 | Nordheimer Creek | 23.12 | 07/23/2001 |
| KSA 14.7 | Salmon River below Nordheimer | 22.70 | 07/26/2002 |
| KSA 14.7 | Salmon River below Nordheimer | 22.96 | 07/25/2003 |
| KSA 14.8 | Salmon River above Nordheimer | 21.06 | 08/09/1998 |
| KSA 16.1 | Salmon River above Crapo Creek | 21.12 | 08/31/1998 |
| KSA 19.8 | Salmon River below Forks | 20.56 | 08/31/1998 |
| KSA 19.8 | MS Salmon below Forks | 22.51 | 07/30/2000 |
| KSA 19.8 | Salmon River below Forks | 22.61 | 07/26/2002 |
| KSA 19.8 | Salmon River below Forks | 22.73 | 07/25/2003 |
| KSE 1.0 | East Fork Salmon - Mouth | 15.47 | 08/23/1999 |
| KSE 1.0 | EF above SF | 18.39 | 07/30/2000 |
| KSE 1.0 | EF Salmon abv SF Salmon | 18.86 | 08/06/2001 |
| KSE 1.0 | EF Salmon abv SF Salmon | 18.27 | 07/26/2002 |
| KSE 1.4 | East Fork below Taylor Creek | 15.11 | 08/23/1999 |
| KSE 1.4 | EF below Taylor Creek | 17.62 | 07/30/2000 |
| KSE 1.4 | EF blw South Taylor Creek | 18.17 | 08/07/2001 |
| KSE 1.4 | EF below Taylor Creek | 17.86 | 07/11/2002 |
| KSE 1.4 | EF below Taylor Creek | 18.08 | 07/22/2003 |
| KSE 2.1 | East Fork above Taylor Creek | 15.71 | 08/23/1999 |
| KSE 2.1 | EF above Taylor Creek | 18.21 | 07/30/2000 |
| KSE 2.1 | EF abv South Taylor Creek | 18.74 | 08/07/2001 |
| KSE 2.1 | EF above Taylor Creek | 18.18 | 07/11/2002 |
| KSE 2.1 | EF above Taylor Creek | 18.84 | 07/22/2003 |
| KSN 0.1 | NF Salmon above Forks | 20.33 | 08/21/1999 |
| KSN 0.1 | NF Salmon above Forks | 23.18 | 07/11/2002 |
| KSN 9.2 | North Fork at Boulder Gulch | 20.66 | 07/11/2002 |
| KSN 9.2 | North Fork at Boulder Gulch | 21.65 | 07/24/2003 |
| KSN 11.4 | North Fork above Little North Fork | 21.66 | 07/26/2002 |
| KSN 11.4 | North Fork above Little North Fork | 22.38 | 07/26/2003 |
| KSN 11.8 | Kelly Gulch | 16.80 | 08/07/2001 |
| KSN 19.8 | NF Salmon below Russians | 16.97 | 08/23/1999 |
| KSN 19.8 | NF Salmon @ O'Connors | 19.39 | 07/30/2000 |
| KSN 19.8 | NF Salmon @ O'Connors | 20.35 | 08/07/2001 |
| KSN 19.8 | NF Salmon @ O'Connors | 19.17 | 07/27/2002 |
| KSN 19.8 | NF Salmon @ O'Connors | 20.07 | 07/26/2003 |

| Site ID | Site Description | MWAT (°C) | MWAT Date |
|----------|------------------------------|-----------|------------|
| KSN 19.9 | North Fork below Russians | 18.21 | 08/09/1998 |
| KSN 20.5 | North Fork above Russians | 19.20 | 08/09/1998 |
| KSN 20.5 | NF Salmon above Russians | 17.20 | 08/22/1999 |
| KSN 20.5 | NF Salmon above Russians | 20.44 | 07/30/2000 |
| KSN 20.5 | NF Salmon above Russians | 21.08 | 08/07/2001 |
| KSN 20.5 | NF Salmon above Russians | 20.11 | 07/11/2002 |
| KSP 1.0 | Specimen Creek - Mouth | 16.58 | 07/30/2000 |
| KSP 3.0 | Specimen above King | 18.28 | 07/30/2000 |
| KSP 4.0 | Right Fork Specimen | 16.78 | 08/02/2000 |
| KSP 5.0 | Left Fork Specimen | 17.52 | 07/31/2000 |
| KSS 0.2 | SF Salmon above Forks | 19.62 | 08/22/1999 |
| KSS 0.2 | SF Salmon above Forks | 22.48 | 07/26/2002 |
| KSS 2.3 | SF Salmon below Knownothing | 19.02 | 08/22/1999 |
| KSS 2.3 | SF below Knownothing | 21.44 | 07/30/2000 |
| KSS 2.5 | SF Salmon above Knownothing | 19.58 | 08/21/1999 |
| KSS 8.5 | SF Salmon below Black Bear | 18.32 | 08/21/1999 |
| KSS 8.5 | SF Salmon below Black Bear | 21.04 | 07/30/2000 |
| KSS 8.5 | SF Salmon below Black Bear | 21.96 | 07/23/2001 |
| KSS 8.5 | SF Salmon below Black Bear | 21.49 | 07/26/2002 |
| KSS 8.5 | SF Salmon below Black Bear | 21.11 | 07/26/2003 |
| KSS 12.0 | South Fork at mile post 12.0 | 20.87 | 07/26/2002 |
| KSS 15.5 | South Fork Aquarium Hole | 19.87 | 07/26/2002 |
| KSS 19.1 | SF Salmon below EF Salmon | 16.43 | 08/22/1999 |
| KSS 19.1 | SF below EF | 18.95 | 08/03/2000 |
| KSS 19.1 | SF below EF | 19.87 | 08/06/2001 |
| KSS 19.1 | SF below EF | 19.25 | 07/26/2002 |
| KSS 19.1 | SF below EF | 18.64 | 07/26/2003 |
| KSS 20.0 | SF Salmon above EF Salmon | 16.50 | 08/22/1999 |
| KSS 20.0 | SF Salmon above EF Salmon | 19.24 | 08/13/2002 |
| KSS 20.0 | SF Salmon above EF Salmon | 18.48 | 07/26/2003 |
| KSS 26.0 | SF below Blindhorse | 16.41 | 07/30/2000 |
| KSS 26.0 | SF below Blind Horse | 17.91 | 08/06/2001 |
| KSS 26.0 | SF below Blindhorse | 17.54 | 08/11/2002 |
| KSS 26.0 | SF below Blind Horse | 16.66 | 07/26/2003 |
| KSS 37.0 | SF at Big Flat | 19.28 | 08/06/1997 |
| KTA 1.0 | South Taylor Creek - Mouth | 15.00 | 08/06/1997 |
| KTA 1.0 | South Taylor Creek - Mouth | 13.45 | 08/24/1999 |
| KTA 1.0 | South Taylor Creek | 15.52 | 07/30/2000 |
| KTA 1.0 | South Taylor Creek | 15.71 | 08/07/2001 |
| KTA 1.0 | South Taylor Creek | 15.61 | 07/26/2002 |
| KTA 1.0 | South Taylor Creek | 15.84 | 07/26/2003 |
| KWO 0.0 | Wooley Creek - Mouth | 20.51 | 07/23/2001 |
| | OLS97 | 16.86 | 07/23/1996 |
| | CRFD97 | 15.66 | 07/24/1996 |