Klamath Basin Hydrology - Weekly Update
Week of February 24, 2020

Klamath Basin Climate/Weather

- Water Supply
  - NRCS February mid-month 2020 UKL Inflow Forecast (as of February 18, 2020)
    - March – September = 425 TAF
    - Percentage of historical inflow = 66%
  - Project Supply
    - Current projection = 228 TAF

- Snow
  - Upper Klamath Basin SNOTEL snow-water-equivalent percentage of historical average
    - Basin Index = 72%
  - Upper Klamath Basin SNOTEL water year-to-date precipitation, percentage of historical average
    - Basin Index = 67%

Figure 1. Upper Klamath Basin SNOTEL Snow/Precipitation Update Report
Updated: 2/24/2020
Local Precipitation

- Klamath Falls Airport precipitation (as of February 23, 2020, at midnight)
  - Previous 7 days = 0.00 in.
  - February = 0.14 in.
    - Departure from normal = -1.03 in.
    - 11% of historical average
  - Water Year = 3.81 in.
    - Departure from normal = -4.06 in.
    - 48% of historical average
• Local Temperature
  o Klamath Falls Airport Temperature (as of February 23, 2020, at midnight)
    ▪ Previous 7-day average
      • Max = 52.4 °F
      • Min = 14.9 °F
    ▪ February-to-date average
      • Max = 48.6 °F
      • Min = 17.8 °F
    ▪ February-to-date
      • Max = 62 °F on 2/1
      • Min = 9 °F on 2/18

• Forecasts
6-Day Forecast Precipitation (Inches)
Valid: Mon Feb 24, 2020 at 04 AM PST to Sun Mar 01, 2020 at 04 AM PST

Figure 4. 6 Day Precipitation Forecast
Updated: 2/24/2020

Figure 5. 6-10 Day Outlook, Temperature & Precipitation
Updated: 2/23/2020
Figure 6. 8-14 Day Outlook, Temperature & Precipitation
Updated: 2/23/2020

Figure 7. One Month Outlook, Temperature & Precipitation
Updated: 2/20/2020
Upper Klamath Lake

- Elevation/Storage
  - Elevation (as of February 23, 2020 at midnight) = 4141.42 ft.
  - Storage (as of February 23, 2020, at midnight) = 392,300 acre-ft

Figure 8. UKL Elevation, Water Years 2011 – Current
Updated: 2/24/2020

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Figure 9. UKL Elevation, Previous 14 Days, 2/24/2020
Figure 10. UKL Elevation Past & Projected, Central Tendency, Flood Curve, Updated: 2/24/2020

Figure 11. UKL Cumulative Inflow, Water Years 1981 – Current Updated: 2/24/2020
Gerber Reservoir

- Water Supply
  - NRCS February mid-month 2020 Gerber Inflow Forecast (as of February 18, 2020)
    - March – July = 23 TAF
    - Percentage of historical inflow = 72%

- Elevation/Storage
  - Elevation (as of February 23, 2020 at midnight) = 4828.29 ft.
  - Storage (as of February 23, 2020, at midnight) = 68,487 acre-ft

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Figure 12. Gerber Reservoir Elevation, Water Years 2011 – Current
Updated: 2/24/2020

Clear Lake

- Elevation/Storage
  - Elevation (as of February 23, 2020 at midnight) = 4530.41 ft.
  - Storage (as of February 23, 2020, at midnight) = 215,328 acre-ft
Figure 13. Clear Lake Elevation, Water Years 2011 – Current
Updated: 2/24/2020