

Figure 1: October 2023 monthly precipitation totals across the NWS Burlington, HSA. Amounts were varied, ranging from 3 to 5 inches in the Connecticut and St. Lawrence River Valleys, to between 6 and 8 inches in the Champlain Valley and adjacent portions of the Northern Adirondack Mountains.

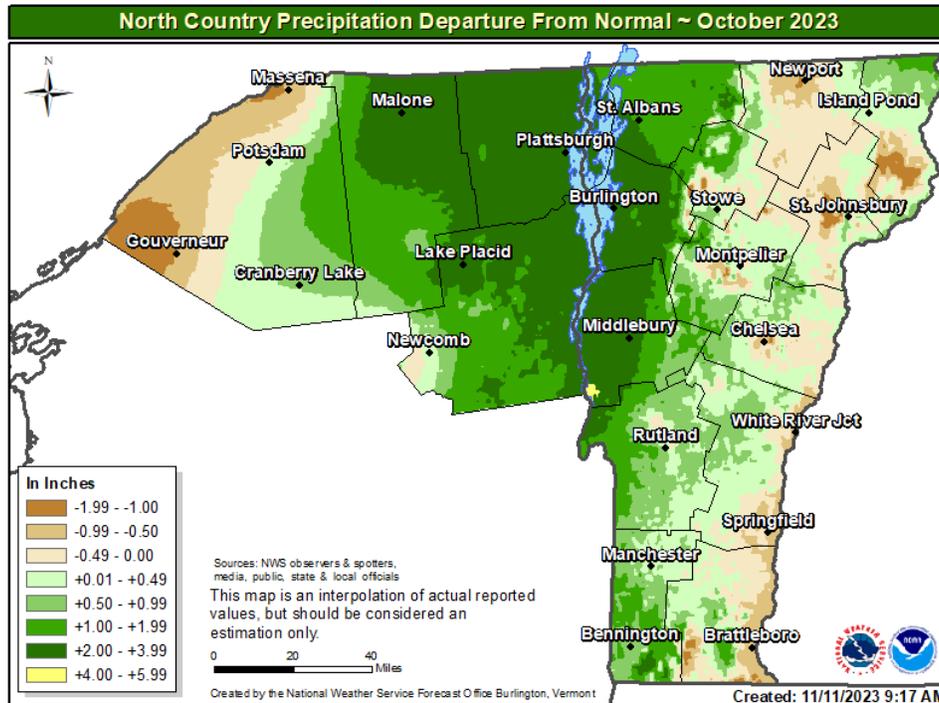


Figure 2: Monthly precipitation departures for October 2023 across the NWS Burlington, VT HSA. While eastern Vermont saw totals generally within an inch of normal, the Champlain Valley and adjacent Northern Adirondack Mountains saw significant positive departures. In the St. Lawrence Valley of New York, modest negative departures were observed.

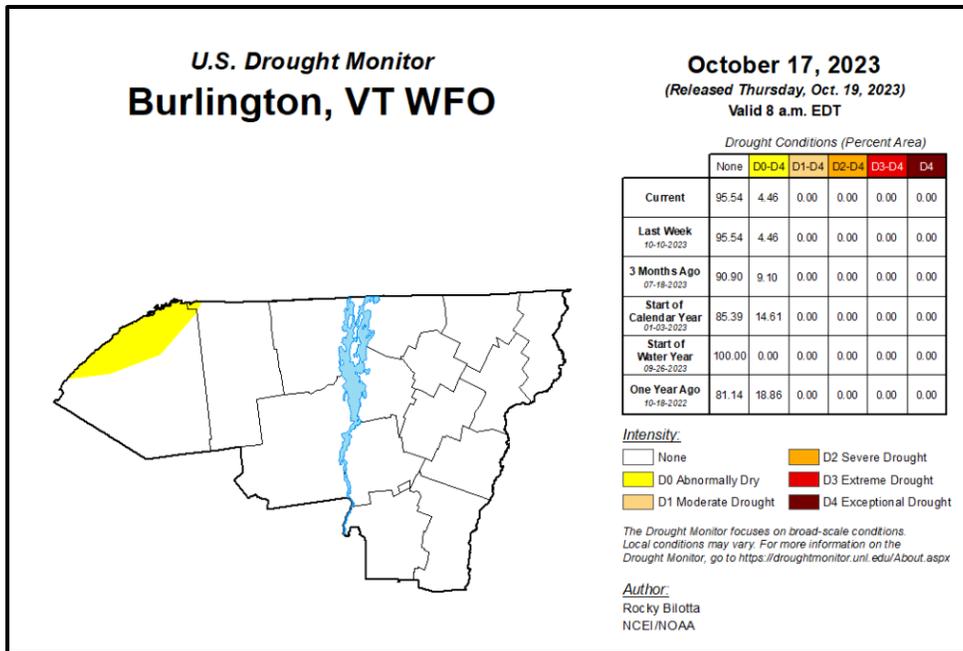


Figure 3: U.S. Drought Monitor map for the week of October 17, 2023. Persistent dryness in September and October led to abnormally dry conditions in the St. Lawrence Valley of New York, which persisted throughout the month.

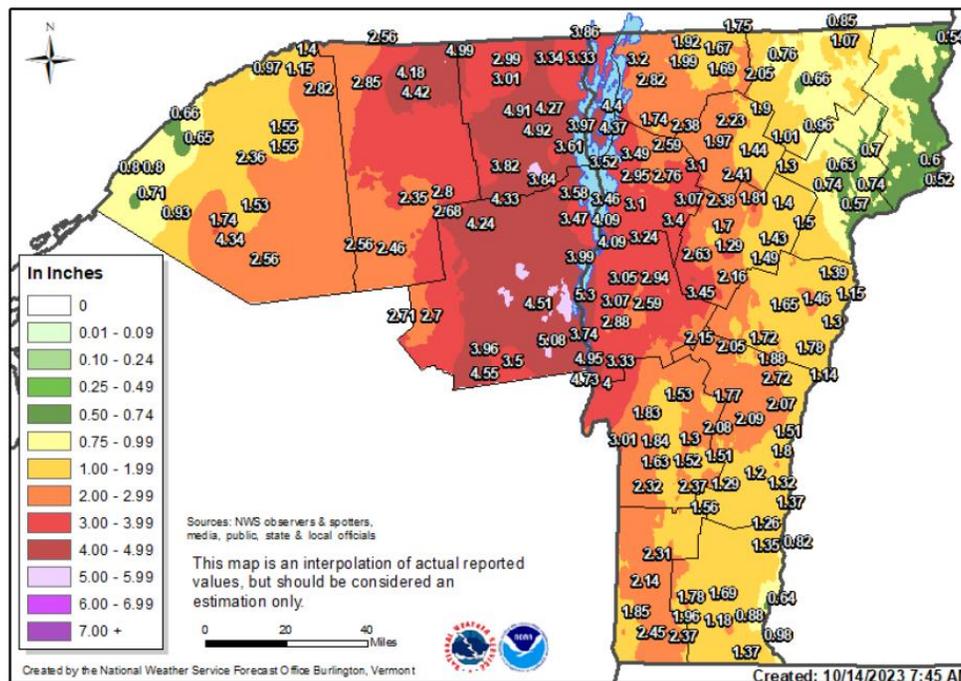


Figure 4: Observed storm total rainfall across the NWS Burlington HSA from October 7-9, 2023. The majority of the heaviest precipitation fell on the 7th, leading to areas of minor flooding in the Champlain Valley and Northern Adirondack Mountains where three to as much as five inches of rain were observed.

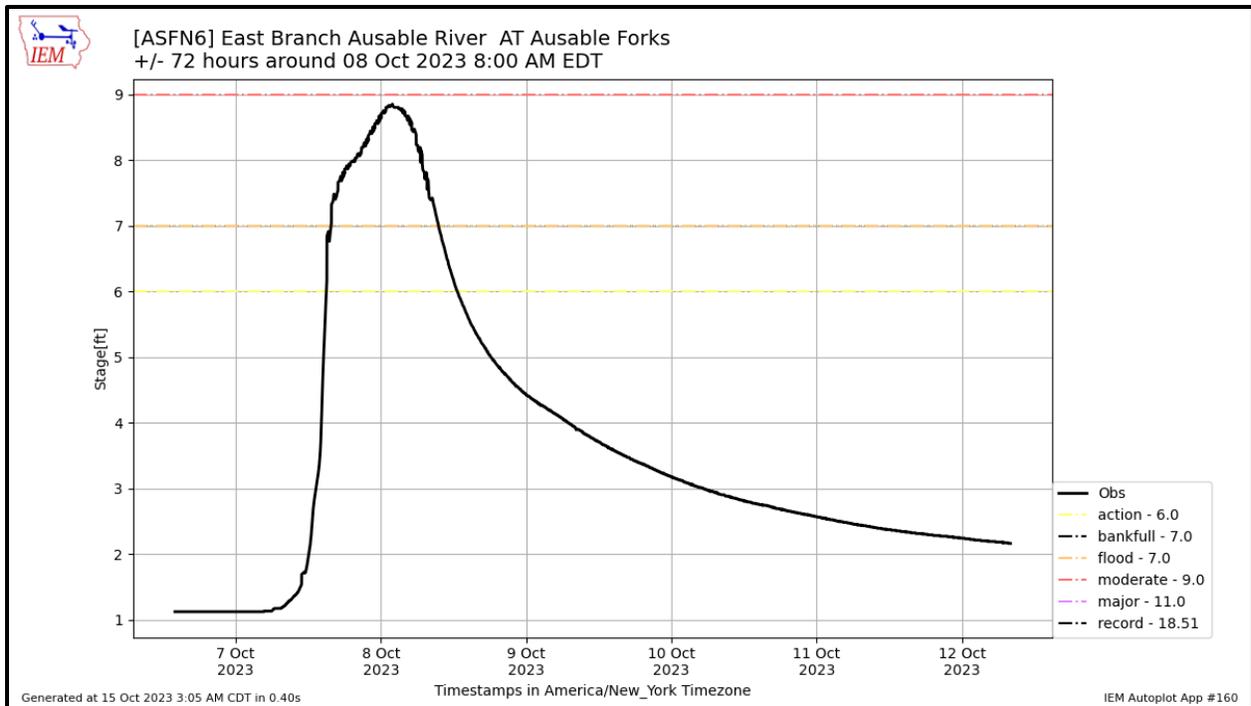


Figure 5: Hydrograph on the East Branch of the Ausable River at Au Sable Forks, NY from October 7-12, 2023. The river crested at 8.85 feet during the early morning hours of the 8th, or just below moderate flood stage.