New Hampshire Groundwater Level Monitoring

September 2022

New Hampshire Geological Survey
29 Hazen Drive, PO Box 95
Concord, New Hampshire 03302-0095

October 7, 2022

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

NEW HAMPSHIRE GROUNDWATER CONDITIONS SUMMARY

Precipitation. New Hampshire state-wide monthly precipitation received was above normal for September 2022. The State-wide mean precipitation for the month of September was 127% of normal[1], according to the Quantitative Precipitation Estimates (QPE) provided by the National Weather Service Advanced Hydrologic Prediction Service (AHPS). Most of New Hampshire received above normal precipitation amounts in September 2022 (up to >230% of normal). The exceptions were in southern Grafton County, northern Sullivan and Merrimack Counties, and western Belknap County which received below normal to slightly above normal precipitation (50% to 110% of normal), and a few small areas in Rockingham and Strafford Counties which received slightly below normal to normal precipitation amounts (90% to 100% of normal). Percent of normal precipitation state-wide in New Hampshire reported by QPE from AHPS ranged from a low of 68% of normal precipitation in northwestern Sullivan County to a high of 237% of normal in eastern Carroll County, with a state-wide mean ± std. dev. of 127% ± 30%. Figure 1 shows the distribution of September 2022 percent of normal monthly precipitation received across New Hampshire as reported by the QPE from AHPS.

Drought. According to the most recent U.S. Drought Monitor map for New Hampshire released on October 6, 2022, the extent of areas in New Hampshire designated as Abnormally Dry (D0), Moderate Drought (D1), and Severe Drought (D2) have contracted greatly since late August. The cumulative percent area of New Hampshire designated as Abnormally Dry (D0) through Severe Drought (D2) conditions is 51.9% of the State, a decrease in area from the 91.9% of the State designated Abnormally Dry (D0) through Extreme Drought (D3) at the end of August 2022. An area of Extreme Drought (D3) introduced in southeastern New Hampshire in mid-August was upgraded in early September. Currently, no part of the State of New Hampshire is currently designated as Extreme Drought (D3). Severe Drought (D2) conditions cover 0.8% of New Hampshire, all of which lies along the border with Massachusetts. Moderate Drought (D1) conditions cover 23.2% of New Hampshire, including most of Rockingham and Hillsborough Counties, and the southern portions of Cheshire , Merrimack, and Strafford counties. Abnormally Dry (D0) conditions cover 27.9% of New Hampshire, including northern Strafford and Cheshire Counties, most of Sullivan and Merrimack Counties, southern and western Grafton County, and southern Belknap County. No parts of Coos or Carroll Counties are experiencing drought conditions according to the most recent USDM map. Figure 2 shows the locations and intensity of current classified drought conditions in New Hampshire.

Groundwater Levels. Figures 1 and 2 show the monthly status of the most recent groundwater levels recorded for both bedrock and overburden wells in the New Hampshire Geological Survey's Groundwater Level Monitoring Network (GWLMN). The GWLMN currently includes 11 bedrock and 19 overburden observation wells, all of which are measured monthly by hand near the end of each month. Hourly data loggers are currently installed in 21 of the 30 wells. Bedrock wells are installed into bedrock and overburden wells are installed in the unconsolidated materials above bedrock. Using all monthly

[1] Based on the most recent 30-year normal period, currently 1991 – 2020.

hand measurements and daily median levels from the data loggers (if installed), monthly median groundwater levels are calculated. The monthly medians are then used to calculate monthly statistics for each monitoring well. Only wells with a period of record (POR) of 10 years or more for the current month are placed within statistical categories of: low, much below normal, below normal, normal, above normal, much above normal, and high (symbols bright red through dark blue, corresponding to: below lowest monthly median; <10; 10-25; 25-75; 75-90; >90; and above highest monthly median, respectively).

The status of the most recent groundwater level measurement for each well are summarized in Figures 1 and 2, and in Tables 1 and 2. The 12-month hydrographs of groundwater levels with statistical categories, a table reporting POR monthly statistics, and plots showing the prior 24-months of groundwater levels along with the "normal range" of the 25th to 75th percentile are shown for each well with POR > 10 years for the current month. The 12- and 24-month hydrographs in the figures also display either daily median levels calculated from the hourly logger data, if available, and/or the monthly hand measurement.

The most recent groundwater level measurements recorded between September 20 and 29, 2022 show the monthly status (percentile class) of the most recent groundwater levels vary across the State from much below normal to high levels, as indicated in Tables 1 and 2.

- Much Below Normal (less than 10th Percentile) groundwater level was recorded in 1 well: the shallow overburden well in Newport.
- Below Normal (10th to 25th Percentile) groundwater levels were recorded in 8 wells: the overburden wells in Deerfield, Epping, and Lancaster, both bedrock wells in East Kingston, and the bedrock wells in Deerfield and Northwood.
- Normal (25th to 75th Percentile) groundwater levels were recorded in 13 wells: both overburden wells in Albany, the overburden wells in Campton, Franklin, Greenfield, New Durham, New London, and Ossipee, the shallow overburden well in Concord, the bedrock well in Hooksett, and both bedrock wells in Rindge.
- Above Normal (75th to 90th Percentile) groundwater levels were recorded in 4 wells: the overburden wells in Colebrook, Lisbon, and Nashua, and the deep bedrock well in Concord.
- High (Above Highest Monthly Median) groundwater level was recorded in 1 well: the shallow bedrock well in Stewartstown.
- For the two wells with < 10 years POR for September, the most recent measurements in the replacement deep overburden well in Concord (CVW-02R) is below the median value for September, and in the overburden well in Barrington (BBW-53) is slightly above the median level for September.

NOTES:

NHGS has completed installation in early October 2022 of 3 replacement wells for existing groundwater monitoring wells that were either damaged or incompatible with data logger installation. The new wells, which are located in Concord, Franklin, and Colebrook and designated as CVW-04R, FKW-01R, and CTW-73R, will be added to the NH-GWLMN in the coming months.

For further information of the New Hampshire Geological Survey's groundwater level monitoring network, please visit the NHGS information page at the USGS National Ground-Water Monitoring Network Portal or Groundwater - NH DES.

NHGS has created a Web App for viewing groundwater data from the NH Groundwater Level Monitoring Network. Groundwater levels are one of the indicators of drought conditions in New Hampshire. The Web App is available through the NHDES Geodata Portal at https://nhdes.maps.arcgis.com or directly at https://nhdes.maps.arcgis.com/apps/webappviewer/index.html?id=521022e32a1540c2b281a071aa5421b7

The 12-month hydrographs, monthly statistics tables, and 3-year hydrographs were created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) provided by USGS. The HASP open-source code is available at the USGS-R/HASP page on Github.

For more information about the statistical methods used to calculate percentiles, POR determinations, and other algorithm design decisions, see the NGWMN Statistics Methods page. NHGS has attempted to conform to the statistical methods specified by the NGWMN whenever possible.

If you are interested in receiving the monthly New Hampshire Groundwater Level Monitoring report by email, please contact Michael.W.Howley@des.nh.gov to be added to the email distribution list.

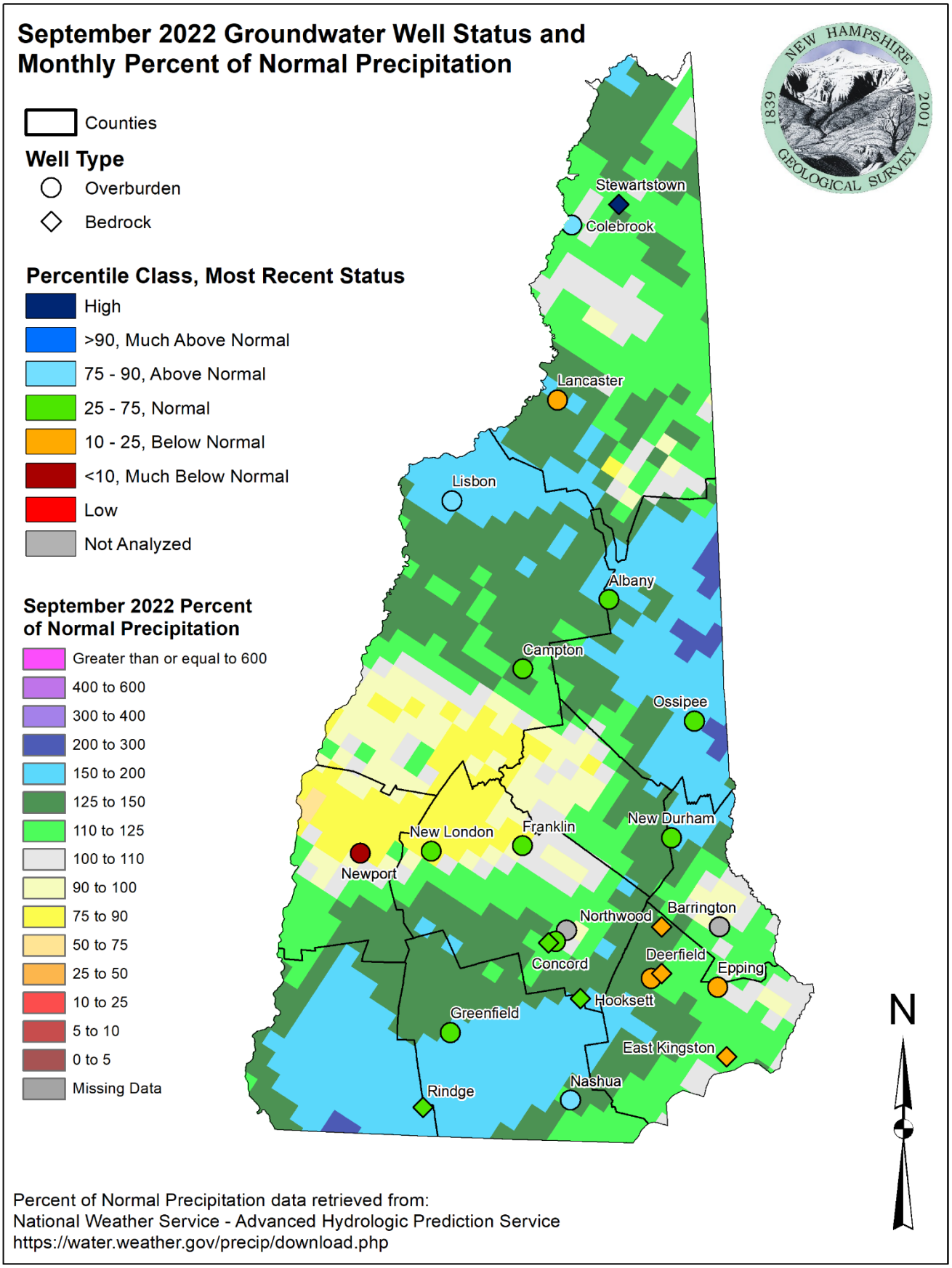


Figure 1. Groundwater Monitoring Network map showing groundwater levels relative to statistical envelopes calculated over each well's period of record (POR) and percent normal precipitation map for September 2022 (National Weather Service – Advanced Hydrologic Prediction Service).

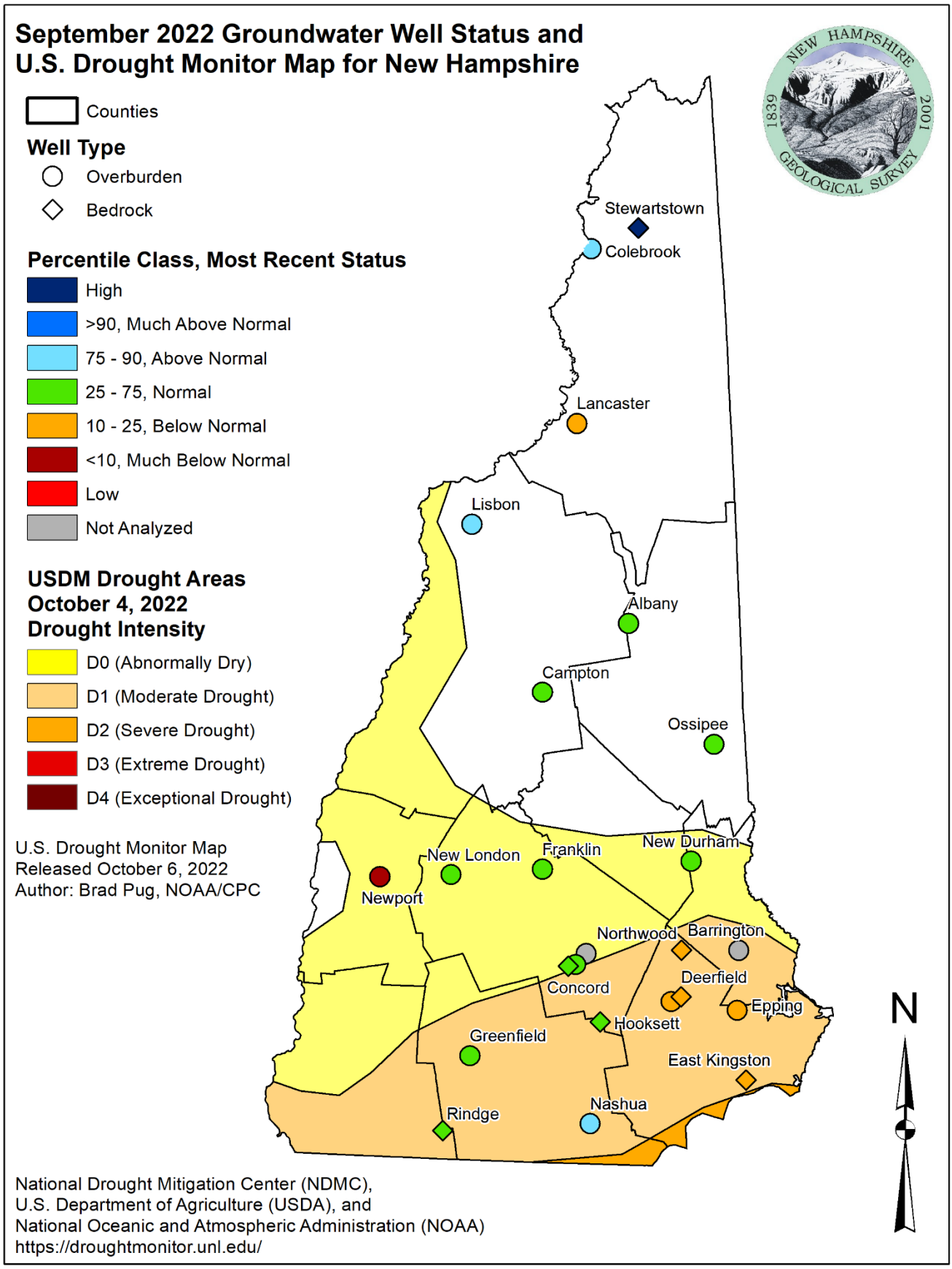


Figure 2. Groundwater Monitoring Network map showing groundwater levels relative to statistical envelopes calculated over each well's period of record (POR) and drought areas according to data released by the U.S. Drought Monitor on October 6, 2022.

Table 1. Summary of most recent groundwater levels sorted by well type.

Well	Town	Well type	Well Depth (ft)	Screened or Open Interval (ft)	Period of Record (years)	Most Recent Measurement		
						Depth (ft)	Date	Status
ADW-14	Albany	Overburden	80	78-80	28	6.89	2022-09-27	Normal
ADW-15	Albany	Overburden	18	16-18	28	8.65	2022-09-27	Normal
BBW-53	Barrington	Overburden	23	21-23	5	4.76	2022-09-29	Not Analyzed
CBW-34	Campton	Overburden	107	105-107	28	14.05	2022-09-27	Normal
CTW-73	Colebrook	Overburden	27	24-27	23	7.10	2022-09-20	Above Normal
CVW-02.1	Concord	Overburden	63	57-62	6	41.60	2022-09-29	Not Analyzed
CVW-04	Concord	Overburden	41	39-41	54	18.30	2022-09-27	Normal
DDW-46	Deerfield	Overburden	48	46-48	28	39.60	2022-09-29	Below Normal
EPW-90	Epping	Overburden	38	36-38	16	29.55	2022-09-29	Below Normal
FKW-01	Franklin	Overburden	52	49-52	54	13.65	2022-09-27	Normal
GSW-75	Greenfield	Overburden	68	66-68	25	61.27	2022-09-25	Normal
LCW-01	Lancaster	Overburden	30	28-30	52	2.70	2022-09-29	Below Normal
LLW-19	Lisbon	Overburden	42	40-42	29	14.27	2022-09-27	Above Normal
NAW-218	Nashua	Overburden	43	41-43	55	27.88	2022-09-29	Above Normal
NFW-53	New Durham	Overburden	60	58-60	28	19.67	2022-09-27	Normal
NLW-01	New London	Overburden	21	0-21	73	12.79	2022-09-29	Normal
NPW-03	Newport	Overburden	56	54-56	28	8.18	2022-09-29	Below Normal
NPW-06	Newport	Overburden	19	17-19	28	8.74	2022-09-29	Much Below Normal
OXW-38	Ossipee	Overburden	115	113-114	29	36.09	2022-09-27	Normal
CVWB-01	Concord	Bedrock	480	470-480	14	22.90	2022-09-27	Above Normal
CVWB-02	Concord	Bedrock	315	20-315	14	20.52	2022-09-27	Normal
DDWB-01	Deerfield	Bedrock	300	20-300	14	19.21	2022-09-29	Below Normal
EAWB-01	East Kingston	Bedrock	473	463-473	14	25.70	2022-09-29	Below Normal
EAWB-02	East Kingston	Bedrock	323	70-323	14	26.31	2022-09-29	Below Normal
HTW-05	Hooksett	Bedrock	103	44-103	56	49.75	2022-09-29	Normal
NWWB-01	Northwood	Bedrock	167	30-167	12	6.98	2022-09-29	Below Normal
RGWB-01	Rindge	Bedrock	401	391-401	13	15.41	2022-09-25	Normal
RGWB-02	Rindge	Bedrock	285	120-285	13	18.12	2022-09-25	Normal
SOWB-01	Stewartstown	Bedrock	453	443-453	13	17.25	2022-09-20	Not Analyzed
SOWB-02	Stewartstown	Bedrock	303	20-303	14	18.50	2022-09-20	High

Explanation

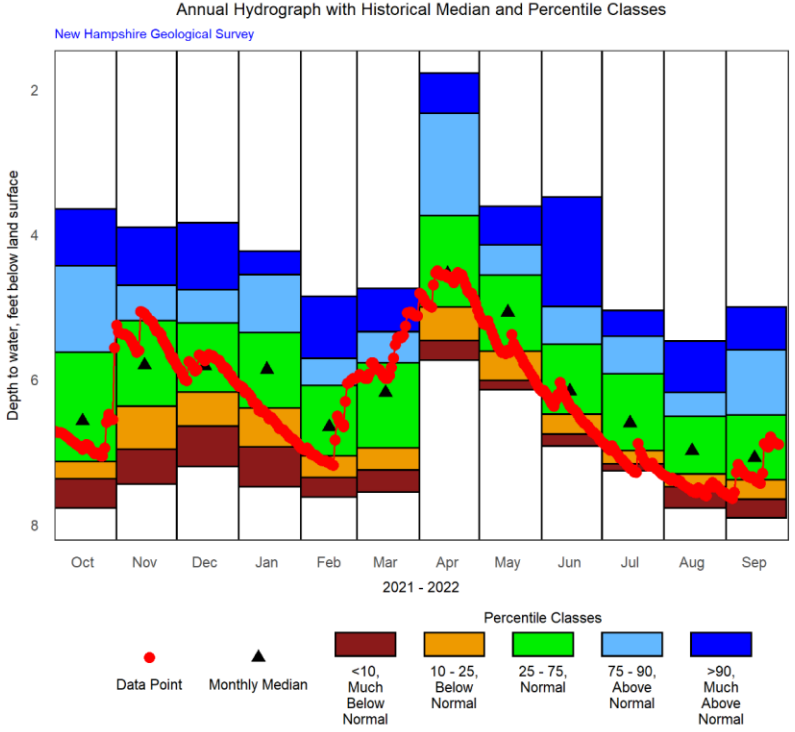
Percentile Class	Above Highest Monthly Median	>90	75-90	25-75	10-25	<10	Below Lowest Monthly Median
Status	High	Much Above Normal	Above Normal	Normal	Below Normal	Much Below Normal	Low

Table 2. Most recent well groundwater levels compared to prior month.

Percentile Class	Status	Current Count: Late September 2022	Prior Count: Late August 2022	Month Change
Above highest monthly median	High	1	0	+1
>90	Much Above Normal	0	0	-
75 – 90	Above Normal	4	1	+3
25 – 50	Normal	13	9	+4
10 – 25	Below Normal	8	7	+1
<10	Much Below Normal	1	5	-4
Below lowest monthly median	Low	0	5	-5
<10yr Period of Record, Not Analyzed		3	3	-

ADW-14: Albany, NH Overburden Well, Deep Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for ADW-14

Depth to water, feet below land surface

Most recent depth to water in ADW-14: 6.89 feet on 2022-09-27

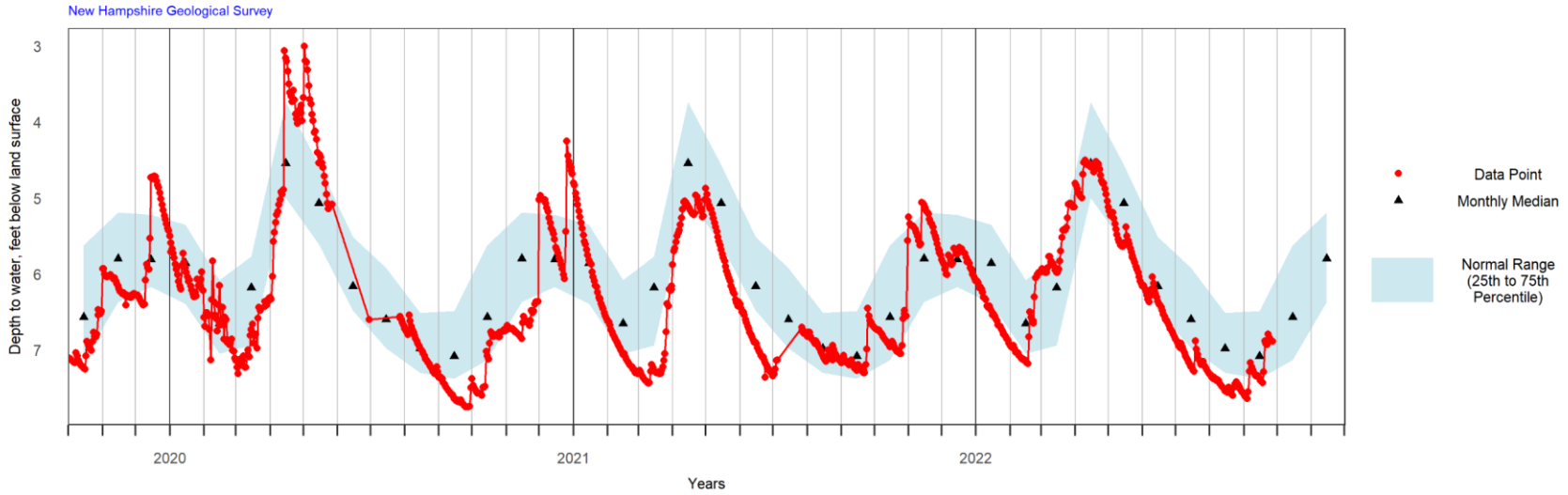
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	7.48	6.93	6.39	5.86	5.35	4.55	4.23	27
Feb	7.62	7.35	7.05	6.65	6.08	5.71	4.85	27
Mar	7.55	7.25	6.94	6.18	5.77	5.34	4.74	26
Apr	5.73	5.46	5.00	4.54	3.74	2.33	1.77	28
May	6.14	6.01	5.61	5.07	4.56	4.14	3.61	27
Jun	6.92	6.75	6.48	6.16	5.51	4.99	3.48	27
Jul	7.26	7.16	6.98	6.60	5.92	5.40	5.05	27
Aug	7.77	7.48	7.30	6.98	6.51	6.18	5.47	28
Sep	7.91	7.65	7.38	7.08	6.49	5.59	5.00	28
Oct	7.77	7.37	7.13	6.57	5.62	4.43	3.65	26
Nov	7.44	6.96	6.37	5.80	5.19	4.70	3.90	27
Dec	7.20	6.64	6.17	5.81	5.22	4.76	3.84	27

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

ADW-14: Albany, NH Overburden Well, Deep Couplet Member

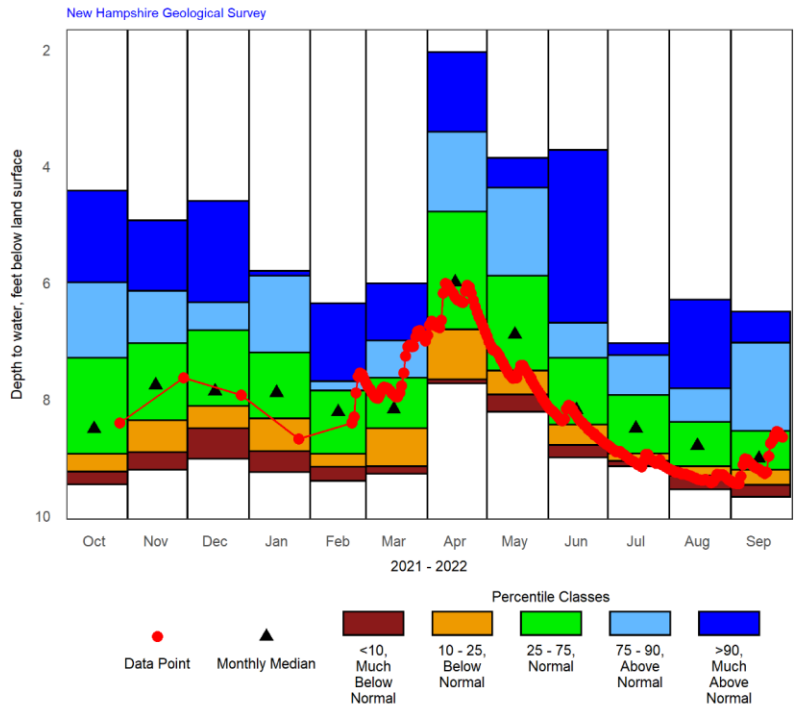
Groundwater Levels and Statistics for Past 3 Years



Plot created: 2022-09-30

ADW-15: Albany, NH Overburden Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for ADW-15

Depth to water, feet below land surface

Most recent depth to water in ADW-15: 8.65 feet on 2022-09-27

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	9.25	8.89	8.33	7.89	7.20	5.88	5.80	27
Feb	9.40	9.16	8.94	8.22	7.85	7.69	6.35	27
Mar	9.28	9.15	8.50	8.17	7.63	6.99	6.01	26
Apr	7.73	7.66	6.80	5.99	4.78	3.41	2.04	28
May	8.22	7.92	7.51	6.89	5.88	4.37	3.86	27
Jun	9.00	8.79	8.44	8.18	7.29	6.69	3.72	27
Jul	9.15	9.06	8.93	8.50	7.93	7.24	7.04	27
Aug	9.55	9.31	9.15	8.80	8.39	7.81	6.29	29
Sep	9.68	9.47	9.21	9.02	8.54	7.03	6.50	28
Oct	9.46	9.24	8.94	8.51	7.29	6.00	4.42	26
Nov	9.21	8.91	8.36	7.76	7.04	6.14	4.93	27
Dec	9.02	8.50	8.12	7.86	6.82	6.34	4.60	26

Table created: 2022-09-30

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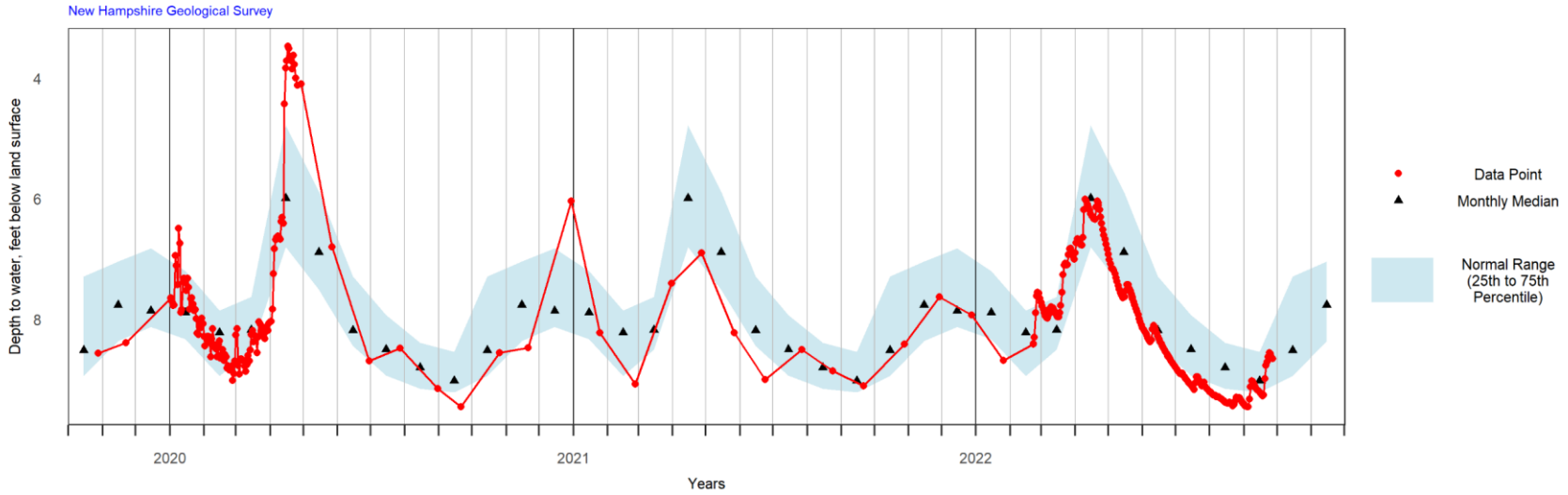
ADW-15: Albany, NH Overburden Well, Shallow Couplet Member

Groundwater Levels and Statistics for Past 3 Years

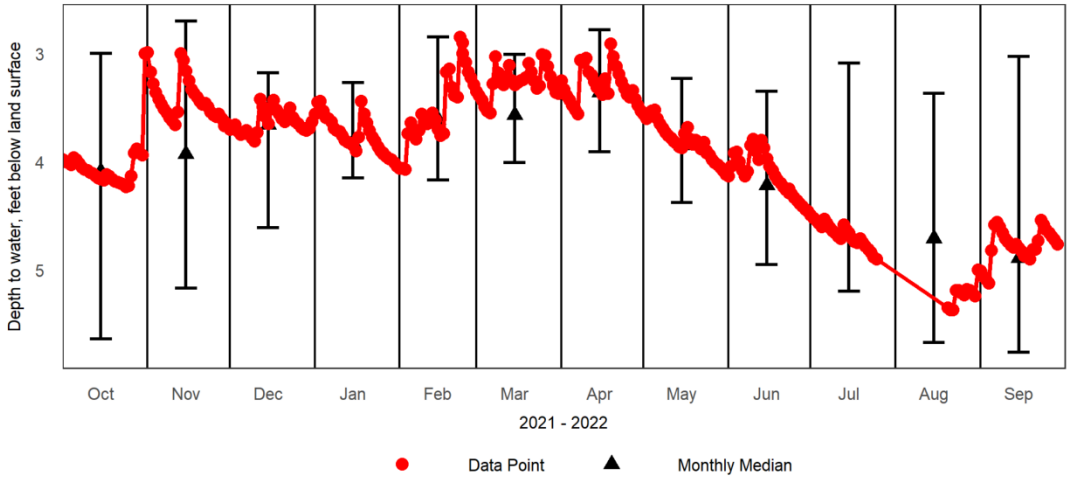


Plot created: 2022-09-30

BBW-53: Barrington, NH Overburden Well

Groundwater Levels for Prior 12 Months with Median and Range

New Hampshire Geological Survey

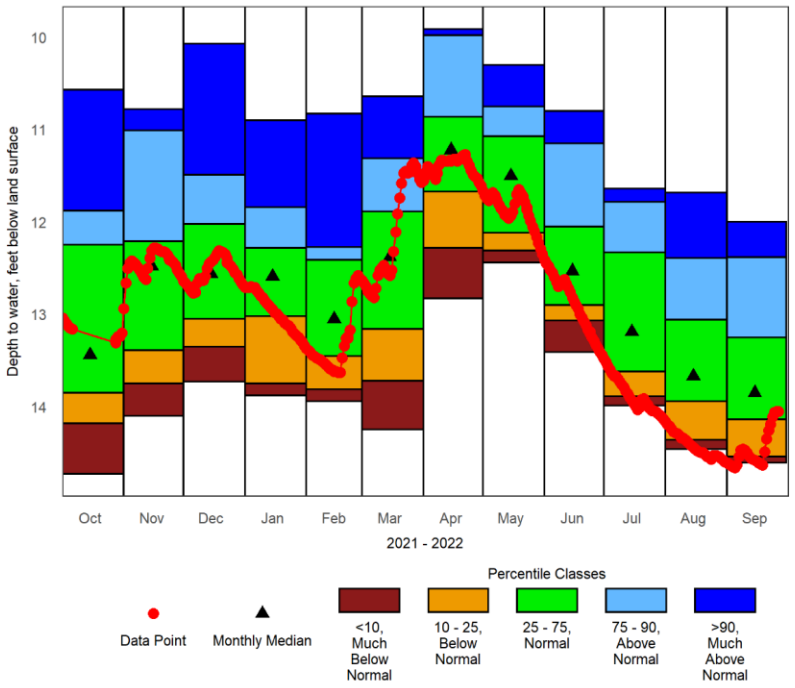


Plot created: 2022-09-30

CBW-34: Campton, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for CBW-34

Depth to water, feet below land surface

Most recent depth to water in CBW-34: 14.05 feet on 2022-09-27

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	13.88	13.75	13.02	12.59	12.28	11.84	10.90	28
Feb	13.94	13.81	13.45	13.05	12.41	12.27	10.83	26
Mar	14.25	13.72	13.16	12.38	11.89	11.31	10.64	27
Apr	12.83	12.28	11.67	11.22	10.86	9.98	9.91	27
May	12.44	12.31	12.12	11.50	11.07	10.75	10.30	28
Jun	13.41	13.07	12.90	12.53	12.05	11.15	10.80	29
Jul	13.99	13.89	13.62	13.19	12.33	11.78	11.64	27
Aug	14.46	14.36	13.94	13.67	13.06	12.39	11.68	30
Sep	14.61	14.54	14.14	13.85	13.25	12.38	12.00	28
Oct	14.73	14.18	13.85	13.44	12.25	11.88	10.57	27
Nov	14.10	13.75	13.39	12.48	12.21	11.01	10.78	28
Dec	13.73	13.35	13.05	12.56	12.02	11.49	10.07	27

Table created: 2022-09-30

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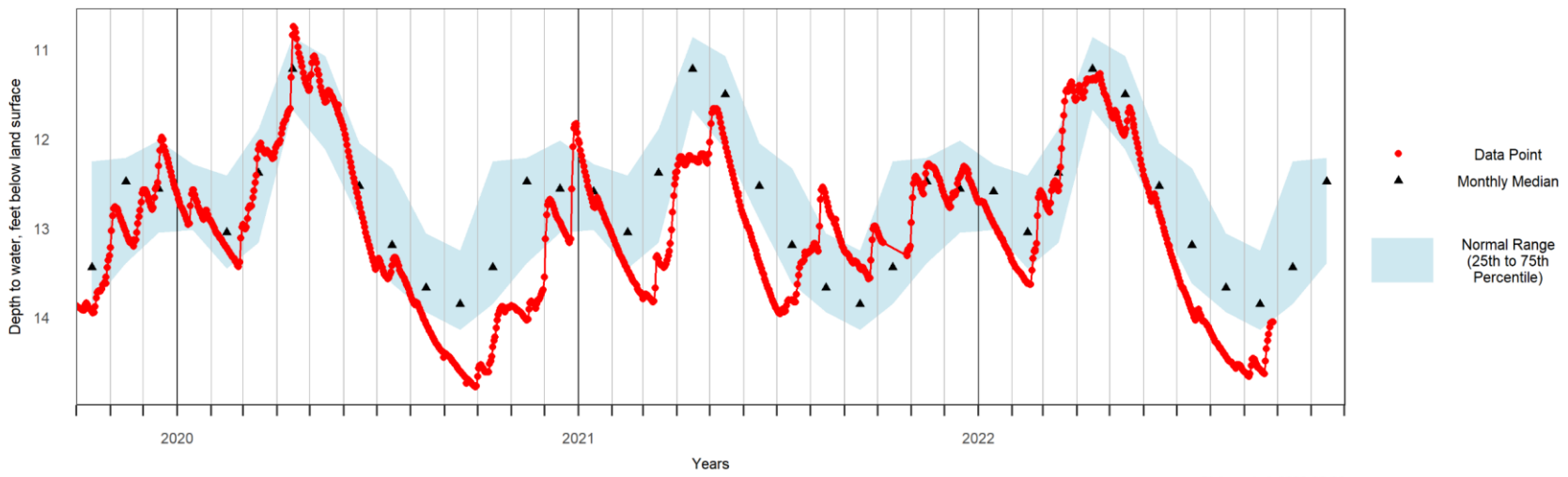
CBW-34: Campton, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

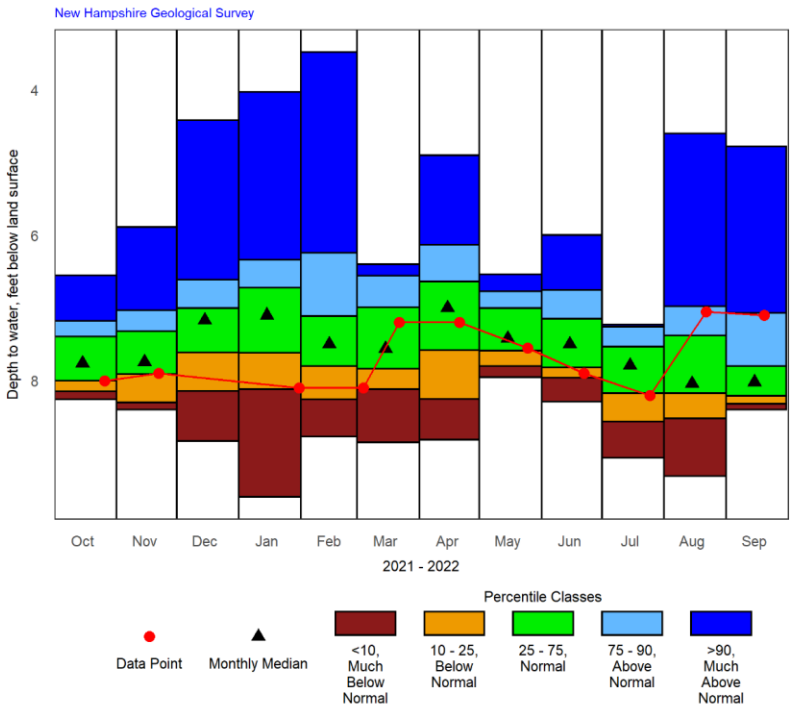
New Hampshire Geological Survey



Plot created: 2022-09-30

CTW-73: Colebrook, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for CTW-73

Depth to water, feet below land surface

Most recent depth to water in CTW-73: 7.1 feet on 2022-09-20

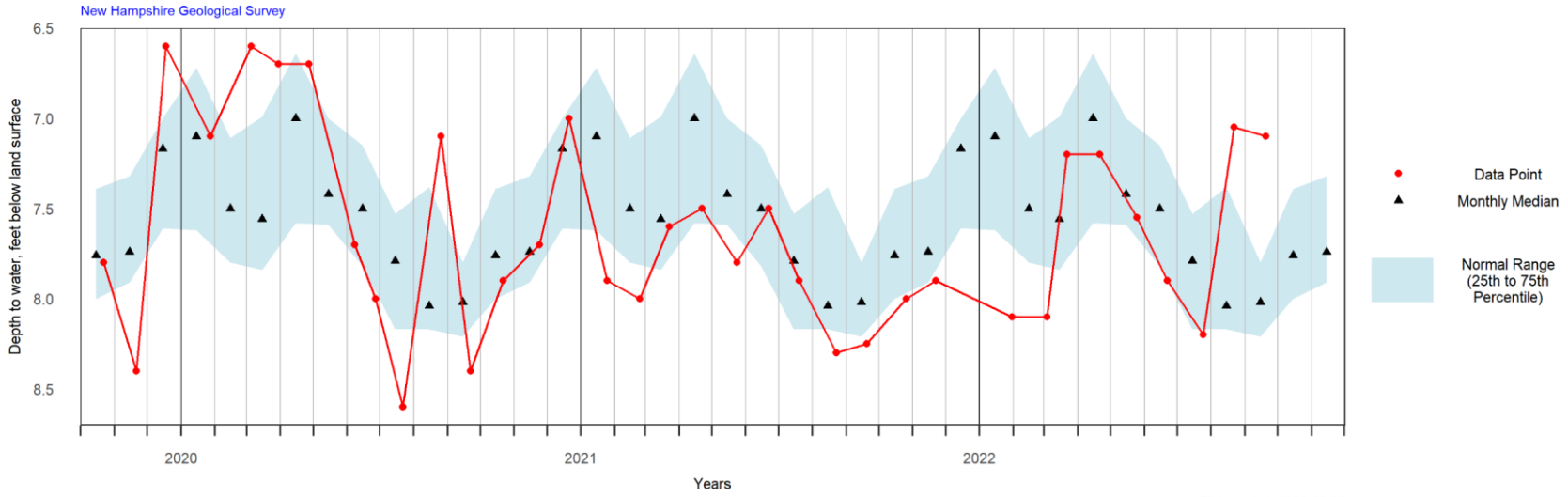
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	9.60	8.12	7.62	7.10	6.72	6.34	4.03	26
Feb	8.77	8.26	7.80	7.50	7.11	6.24	3.48	23
Mar	8.85	8.12	7.84	7.56	6.99	6.56	6.40	25
Apr	8.81	8.25	7.58	7.00	6.64	6.13	4.90	25
May	7.95	7.80	7.59	7.42	7.00	6.77	6.54	22
Jun	8.29	7.96	7.82	7.50	7.15	6.75	6.00	25
Jul	9.06	8.56	8.17	7.79	7.53	7.26	7.23	20
Aug	9.31	8.52	8.17	8.04	7.38	6.98	4.60	26
Sep	8.40	8.32	8.21	8.02	7.80	7.07	4.78	23
Oct	8.26	8.15	8.00	7.76	7.39	7.18	6.55	22
Nov	8.40	8.30	7.91	7.74	7.32	7.03	5.89	24
Dec	8.83	8.14	7.61	7.17	7.00	6.61	4.42	23

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

CTW-73: Colebrook, NH Overburden Well

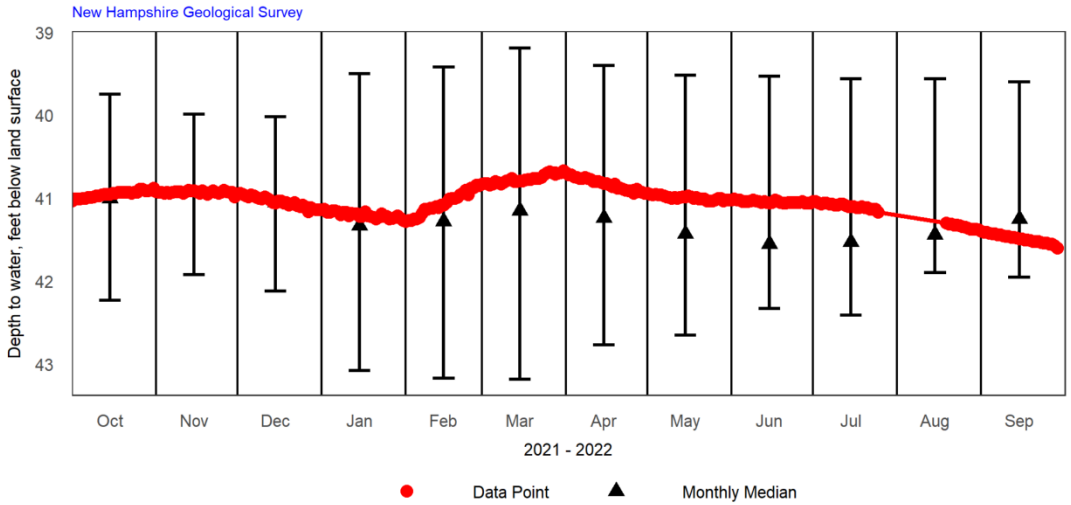
Groundwater Levels and Statistics for Past 3 Years



Plot created: 2022-09-30

CVW-02R: Concord, NH Overburden Well, Deep Couplet Member

Groundwater Levels for Prior 12 Months with Median and Range

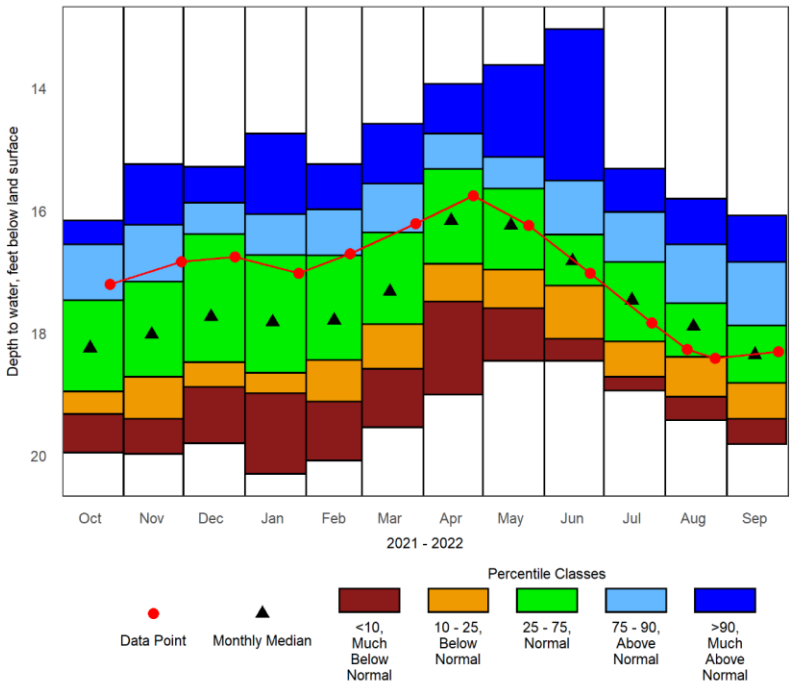


Plot created: 2022-09-30

CVW-04: Concord, NH Overburden Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for CVW-04

Depth to water, feet below land surface

Most recent depth to water in CVW-04: 18.3 feet on 2022-09-27

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	20.30	18.98	18.65	17.82	16.72	16.06	14.74	56
Feb	20.08	19.12	18.44	17.79	16.73	15.98	15.24	54
Mar	19.54	18.58	17.85	17.32	16.35	15.56	14.58	56
Apr	19.00	17.48	16.87	16.16	15.32	14.74	13.93	56
May	18.45	17.59	16.96	16.24	15.64	15.12	13.62	54
Jun	18.45	18.09	17.22	16.82	16.39	15.51	13.03	55
Jul	18.94	18.71	18.13	17.46	16.84	16.02	15.31	54
Aug	19.42	19.04	18.39	17.89	17.51	16.55	15.80	56
Sep	19.81	19.40	18.81	18.35	17.87	16.84	16.08	54
Oct	19.95	19.32	18.95	18.24	17.46	16.55	16.16	55
Nov	19.97	19.40	18.71	18.02	17.16	16.23	15.24	56
Dec	19.80	18.88	18.47	17.73	16.38	15.87	15.28	55

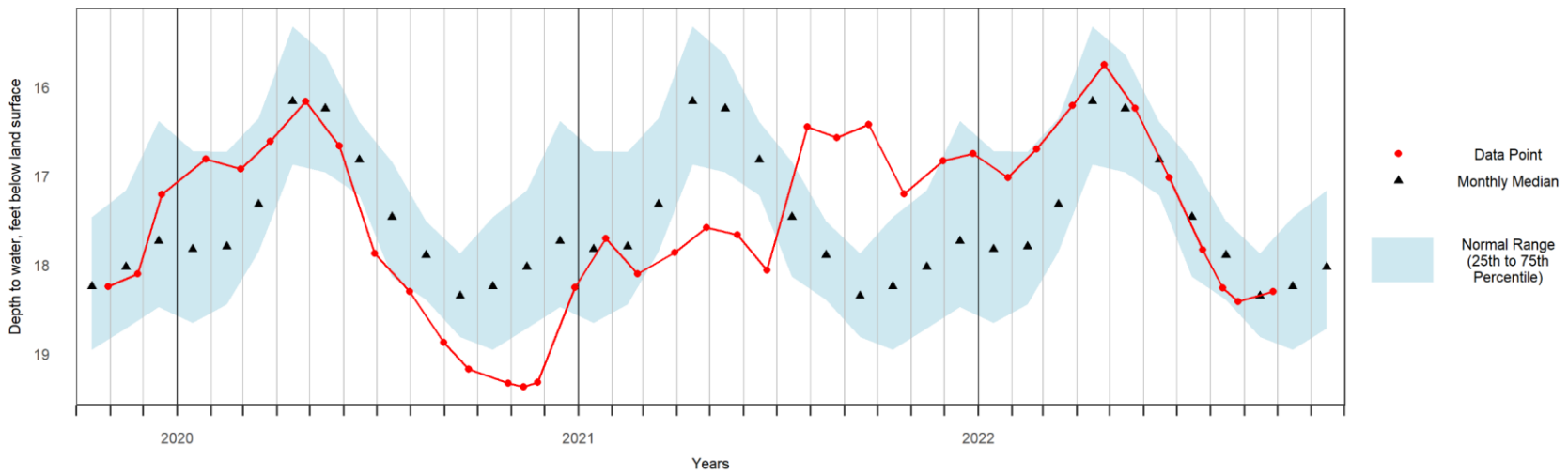
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

CVW-04: Concord, NH Overburden Well, Shallow Couplet Member

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

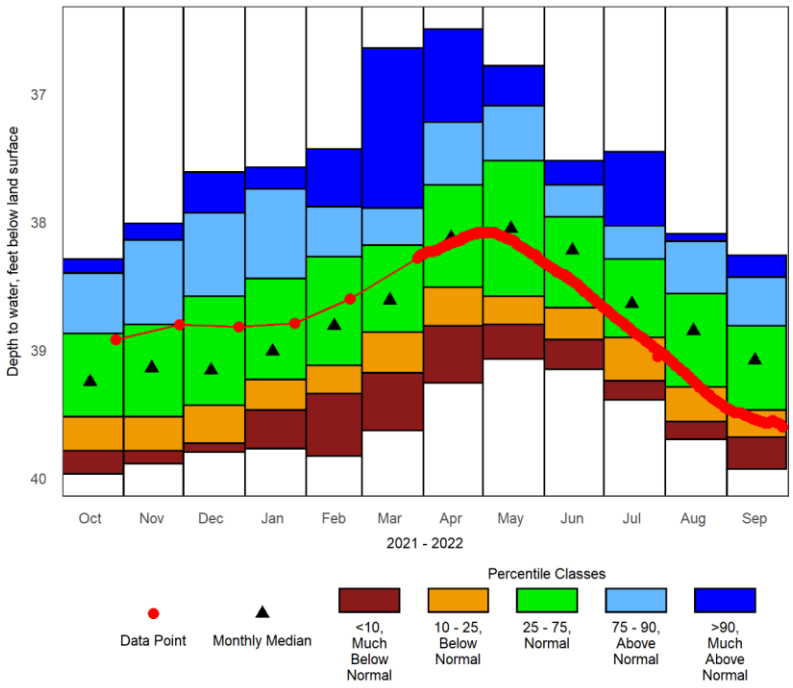


Plot created: 2022-09-30

DDW-46: Deerfield, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for DDW-46

Depth to water, feet below land surface

Most recent depth to water in DDW-46: 39.6 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	39.77	39.47	39.23	39.01	38.44	37.74	37.57	29
Feb	39.83	39.34	39.12	38.81	38.27	37.88	37.43	28
Mar	39.63	39.18	38.86	38.61	38.18	37.89	36.64	27
Apr	39.26	38.81	38.51	38.12	37.71	37.22	36.49	31
May	39.07	38.80	38.58	38.05	37.52	37.09	36.78	28
Jun	39.15	38.92	38.67	38.22	37.96	37.71	37.52	27
Jul	39.39	39.24	38.90	38.64	38.29	38.03	37.45	29
Aug	39.70	39.56	39.29	38.85	38.56	38.15	38.09	28
Sep	39.93	39.68	39.47	39.08	38.81	38.43	38.26	28
Oct	39.97	39.79	39.52	39.25	38.87	38.40	38.29	26
Nov	39.89	39.79	39.52	39.14	38.80	38.14	38.01	29
Dec	39.80	39.73	39.43	39.16	38.58	37.93	37.61	29

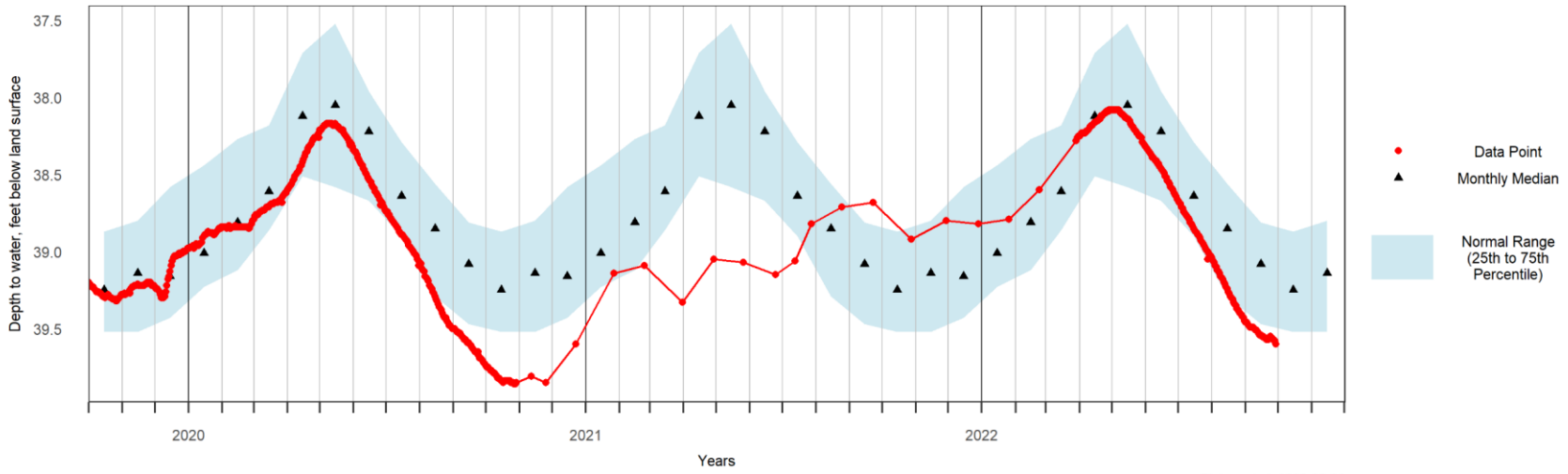
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

DDW-46: Deerfield, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

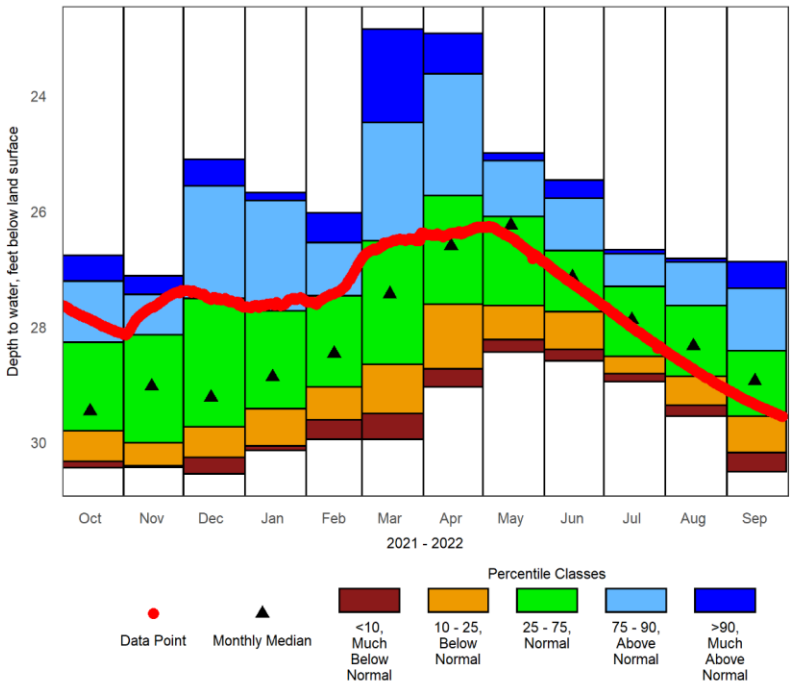


Plot created: 2022-09-30

EPW-90: Epping, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for EPW-90

Depth to water, feet below land surface

Most recent depth to water in EPW-90: 29.55 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	30.14	30.06	29.42	28.87	27.72	25.81	25.67	16
Feb	29.95	29.61	29.04	28.46	27.46	26.54	26.03	16
Mar	29.95	29.50	28.65	27.43	26.51	24.46	22.84	15
Apr	29.04	28.73	27.61	26.60	25.73	23.62	22.92	15
May	28.44	28.22	27.63	26.24	26.09	25.12	24.99	15
Jun	28.59	28.39	27.74	27.14	26.68	25.77	25.46	16
Jul	28.95	28.81	28.51	27.88	27.30	26.73	26.66	15
Aug	29.55	29.36	28.86	28.33	27.63	26.88	26.82	14
Sep	30.51	30.18	29.55	28.94	28.41	27.33	26.87	16
Oct	30.44	30.33	29.80	29.46	28.27	27.21	26.76	13
Nov	30.43	30.41	30.01	29.03	28.14	27.44	27.12	15
Dec	30.55	30.26	29.73	29.22	27.51	25.56	25.10	15

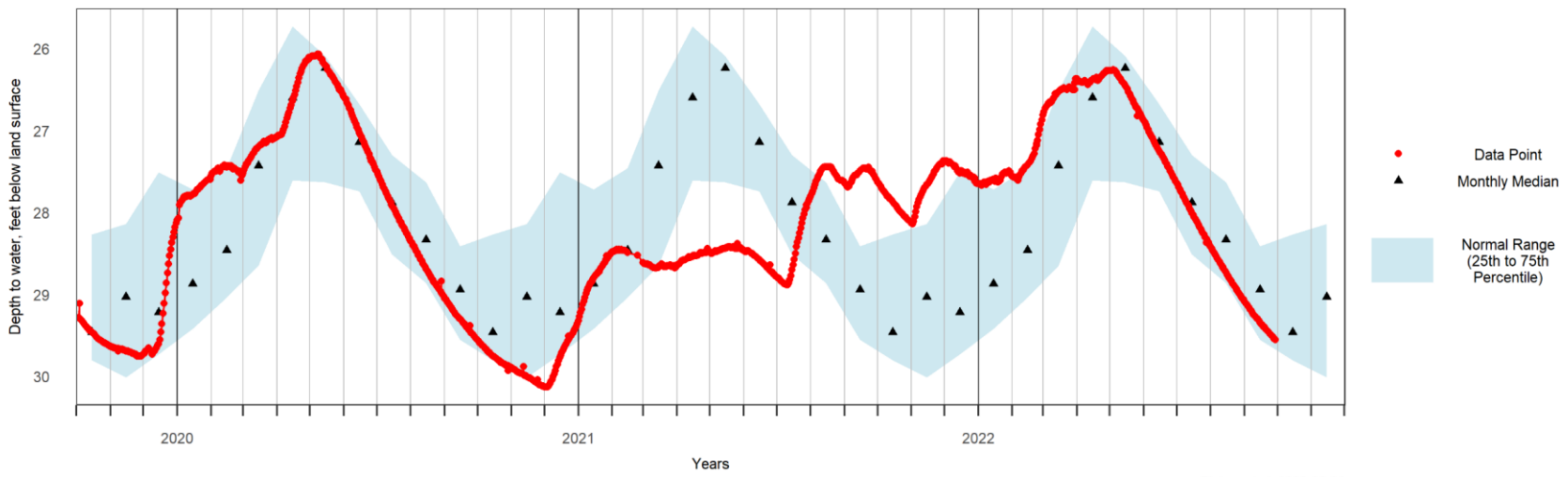
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

EPW-90: Epping, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

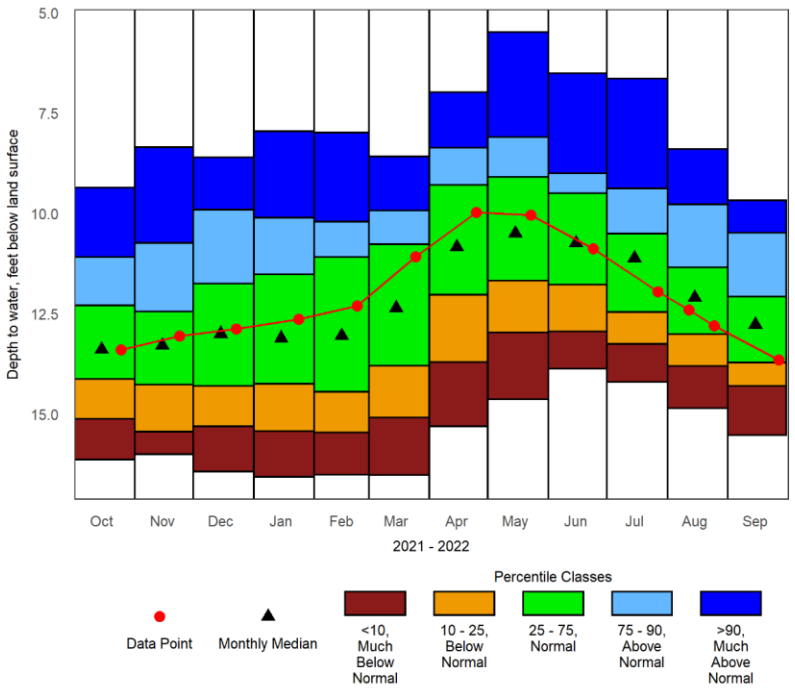


Plot created: 2022-09-30

FKW-01: Franklin, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for FKW-01

Depth to water, feet below land surface

Most recent depth to water in FKW-01: 13.65 feet on 2022-09-27

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	16.57	15.43	14.25	13.11	11.52	10.11	7.96	53
Feb	16.51	15.46	14.45	13.05	11.09	10.21	7.99	50
Mar	16.52	15.09	13.80	12.36	10.77	9.93	8.59	54
Apr	15.31	13.71	12.03	10.84	9.29	8.36	6.98	56
May	14.63	12.97	11.67	10.50	9.09	8.10	5.48	54
Jun	13.87	12.95	11.78	10.74	9.50	9.00	6.51	54
Jul	14.20	13.25	12.46	11.12	10.51	9.38	6.64	54
Aug	14.85	13.81	13.01	12.10	11.34	9.78	8.40	55
Sep	15.53	14.30	13.72	12.77	12.07	10.48	9.68	54
Oct	16.13	15.12	14.13	13.39	12.29	11.09	9.36	54
Nov	16.00	15.44	14.27	13.29	12.45	10.74	8.35	54
Dec	16.43	15.31	14.30	13.00	11.75	9.91	8.61	51

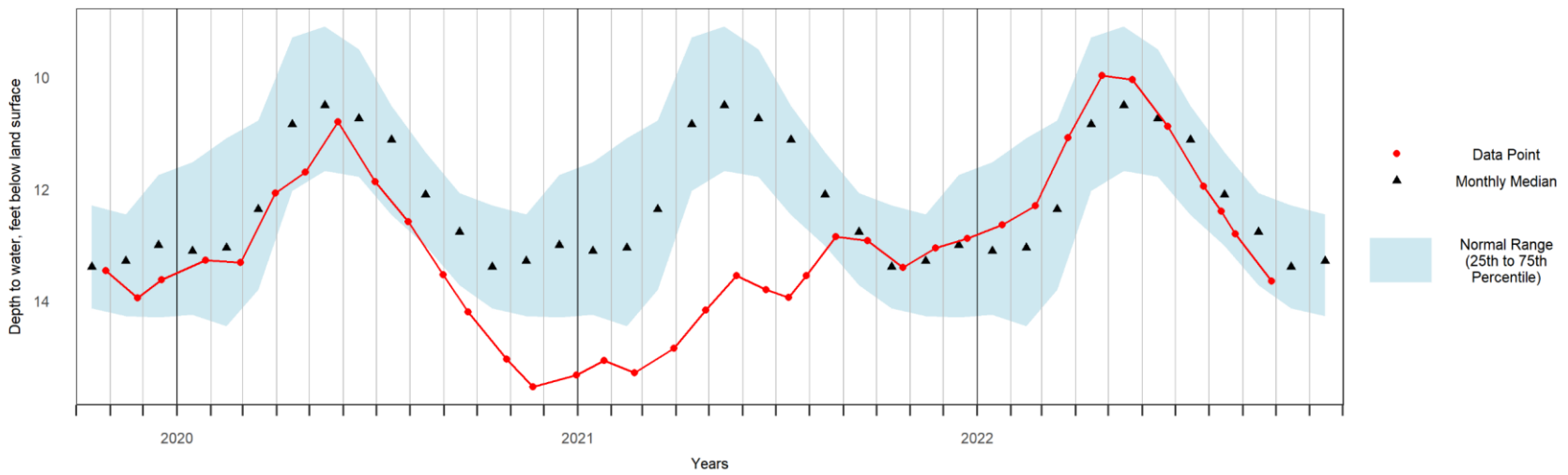
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

FKW-01: Franklin, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

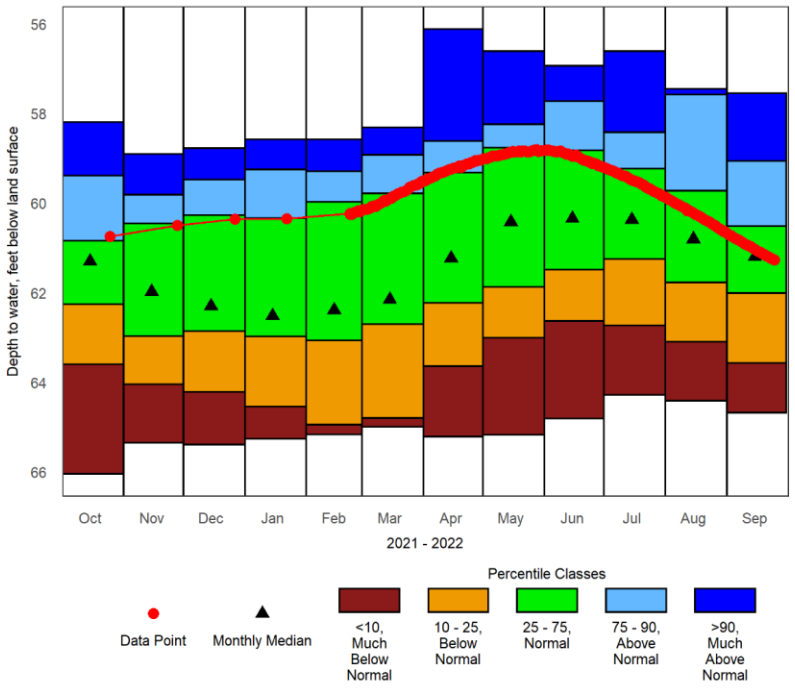


Plot created: 2022-09-30

GSW-75: Greenfield, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for GSW-75

Depth to water, feet below land surface

Most recent depth to water in GSW-75: 61.27 feet on 2022-09-25

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	65.26	64.54	62.98	62.52	60.34	59.25	58.58	26
Feb	65.17	64.95	63.07	62.39	59.97	59.29	58.58	21
Mar	65.00	64.80	62.70	62.15	59.78	58.92	58.31	26
Apr	65.21	63.64	62.23	61.23	59.32	58.62	56.11	24
May	65.18	63.01	61.87	60.42	58.76	58.24	56.61	22
Jun	64.81	62.63	61.48	60.34	58.82	57.73	56.93	24
Jul	64.28	62.73	61.25	60.37	59.23	58.42	56.61	28
Aug	64.41	63.10	61.77	60.80	59.72	57.58	57.45	26
Sep	64.68	63.57	62.01	61.19	60.52	59.06	57.55	25
Oct	66.05	63.60	62.26	61.30	60.84	59.39	58.19	24
Nov	65.35	64.05	62.97	61.98	60.46	59.81	58.90	25
Dec	65.39	64.22	62.86	62.30	60.27	59.48	58.77	26

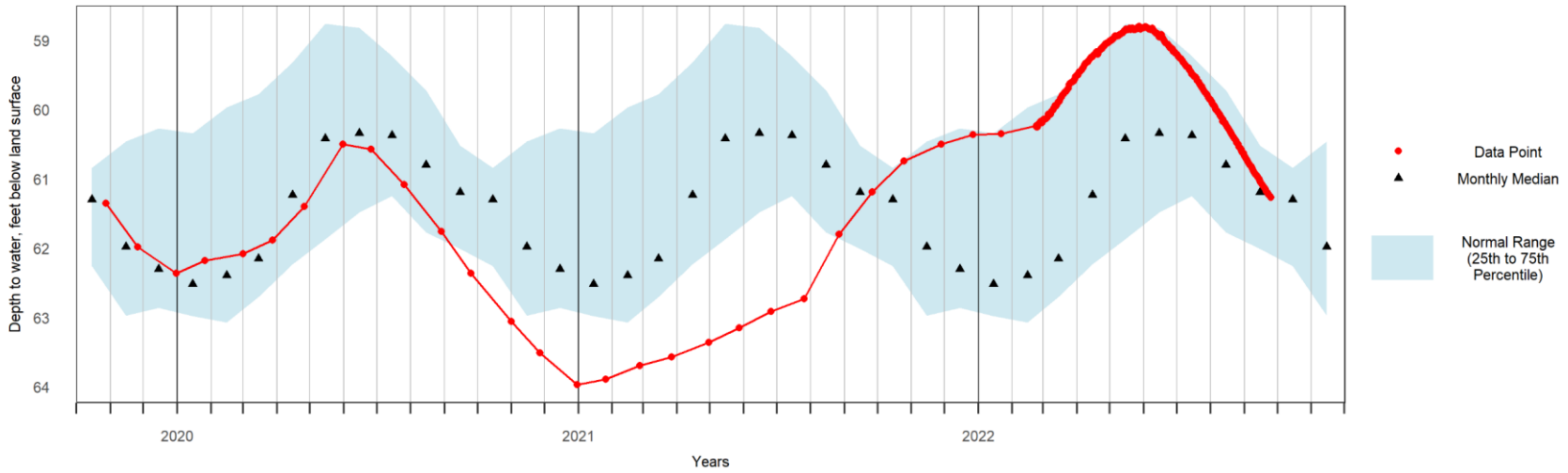
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

GSW-75: Greenfield, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

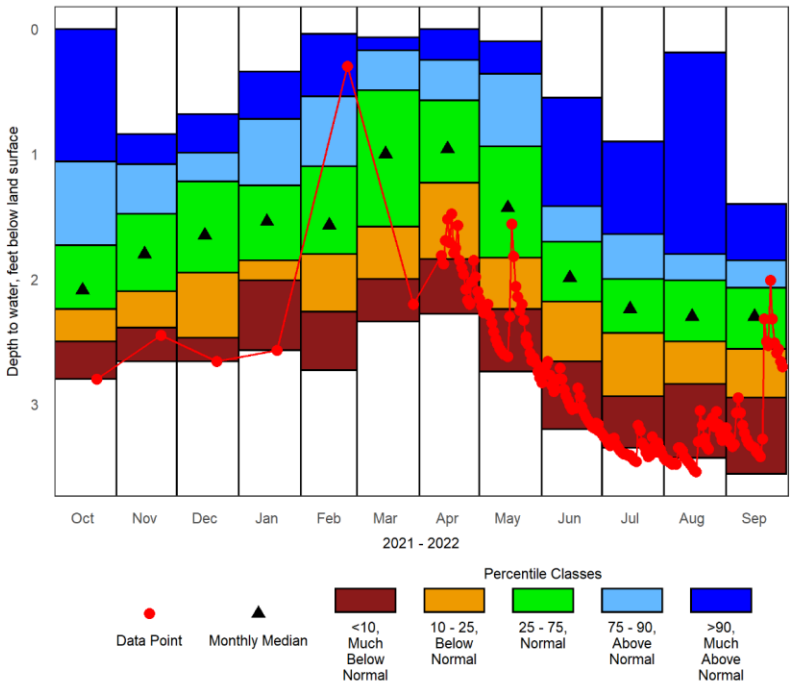


Plot created: 2022-09-30

LCW-1: Lancaster, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for LCW-1

Depth to water, feet below land surface

Most recent depth to water in LCW-1: 2.7 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	2.57	2.01	1.85	1.54	1.25	0.72	0.34	44
Feb	2.73	2.26	1.80	1.57	1.10	0.54	0.04	42
Mar	2.34	2.00	1.58	1.00	0.49	0.17	0.07	39
Apr	2.28	1.84	1.23	0.96	0.57	0.25	0.00	53
May	2.74	2.24	1.83	1.43	0.94	0.36	0.10	53
Jun	3.20	2.66	2.18	1.99	1.70	1.42	0.55	53
Jul	3.35	2.94	2.43	2.24	2.00	1.64	0.90	51
Aug	3.43	2.84	2.50	2.30	2.01	1.80	0.19	52
Sep	3.56	2.95	2.56	2.30	2.07	1.85	1.40	52
Oct	2.80	2.50	2.24	2.09	1.73	1.06	0.00	49
Nov	2.66	2.39	2.10	1.80	1.48	1.08	0.84	53
Dec	2.66	2.47	1.95	1.65	1.22	0.99	0.68	46

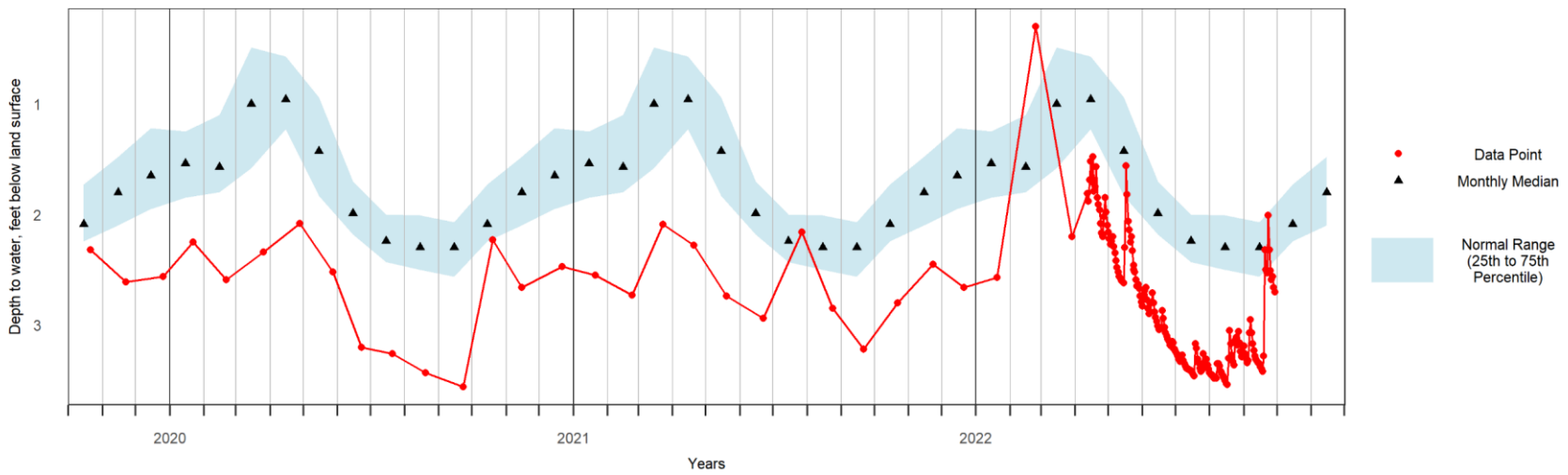
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

LCW-1: Lancaster, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

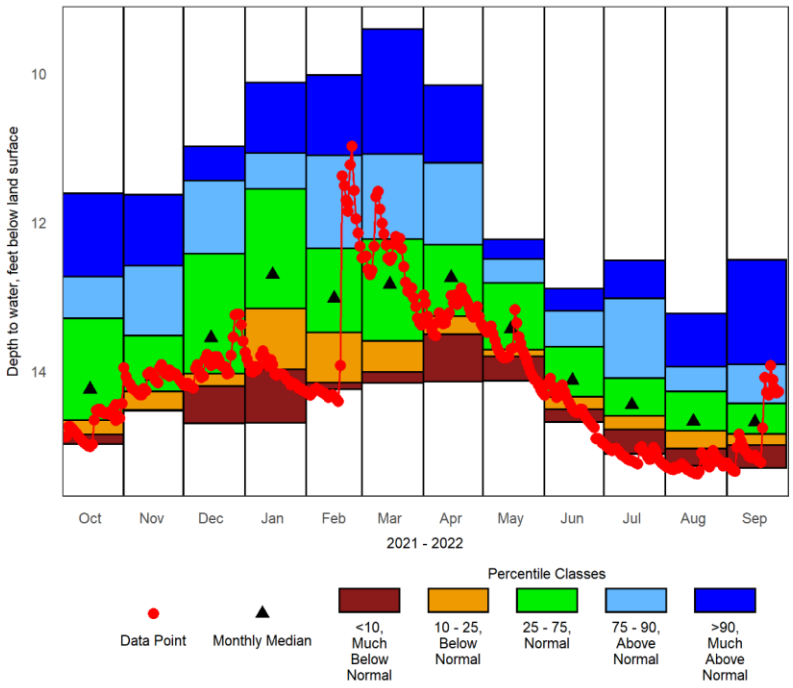


Plot created: 2022-09-30

LLW-19: Lisbon, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for LLW-19

Depth to water, feet below land surface

Most recent depth to water in LLW-19: 14.27 feet on 2022-09-27

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	14.69	13.97	13.16	12.70	11.55	11.07	10.12	28
Feb	14.24	14.15	13.48	13.02	12.35	11.10	10.02	26
Mar	14.16	14.01	13.59	12.83	12.22	11.08	9.40	27
Apr	14.14	13.50	13.26	12.74	12.30	11.20	10.16	28
May	14.13	13.80	13.71	13.43	12.81	12.49	12.23	28
Jun	14.68	14.51	14.34	14.12	13.67	13.19	12.89	28
Jul	15.11	14.78	14.60	14.45	14.09	13.02	12.51	29
Aug	15.27	15.04	14.80	14.67	14.27	13.94	13.22	29
Sep	15.30	14.99	14.84	14.68	14.43	13.91	12.50	29
Oct	14.98	14.85	14.66	14.24	13.29	12.73	11.61	28
Nov	14.53	14.52	14.27	14.07	13.52	12.58	11.63	27
Dec	14.70	14.20	14.03	13.55	12.42	11.44	10.98	28

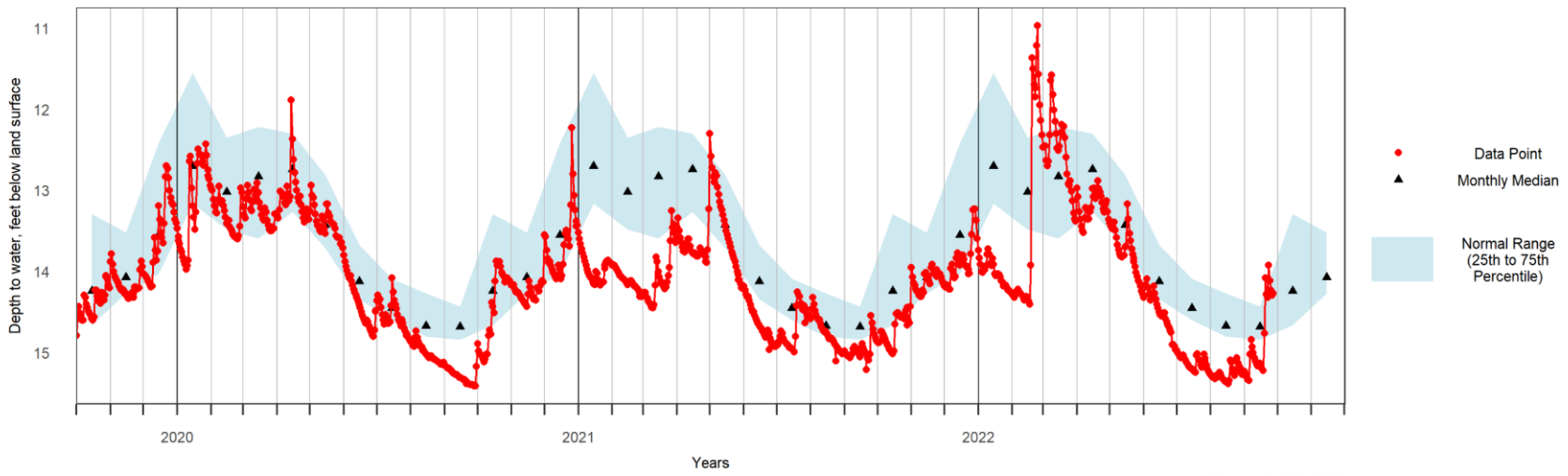
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

LLW-19: Lisbon, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

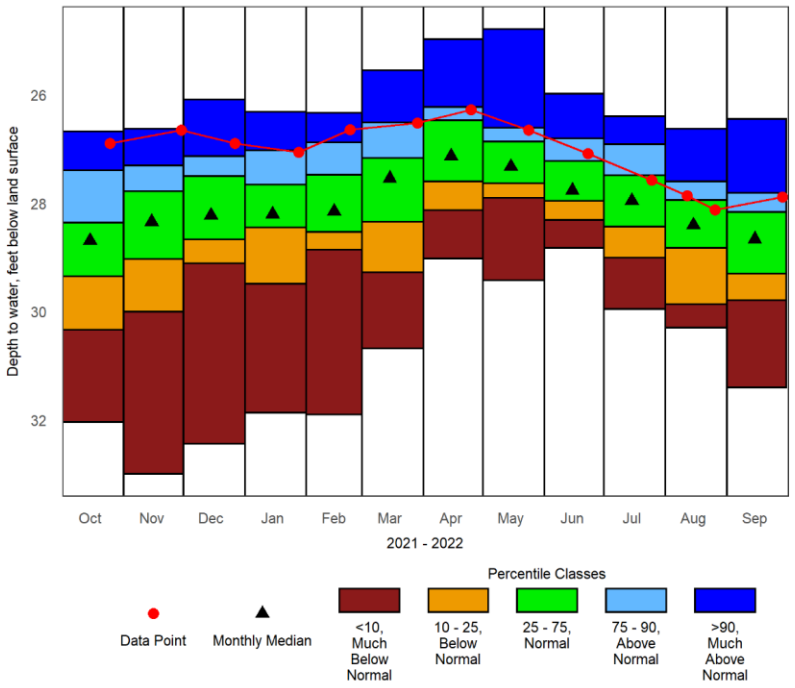


Plot created: 2022-09-30

NAW-218: Nashua, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for NAW-218
Depth to water, feet below land surface
Most recent depth to water in NAW-218: 27.88 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	31.87	29.49	28.45	28.20	27.65	27.02	26.31	53
Feb	31.90	28.86	28.53	28.15	27.47	26.88	26.33	56
Mar	30.68	29.27	28.34	27.54	27.16	26.51	25.54	55
Apr	29.02	28.13	27.60	27.13	26.47	26.22	24.97	52
May	29.42	27.90	27.63	27.32	26.86	26.61	24.78	53
Jun	28.82	28.31	27.96	27.76	27.22	26.80	25.98	54
Jul	29.95	29.00	28.43	27.95	27.48	26.91	26.39	54
Aug	30.30	29.86	28.82	28.40	27.94	27.60	26.62	54
Sep	31.40	29.79	29.30	28.66	28.16	27.81	26.44	55
Oct	32.04	30.34	29.35	28.69	28.36	27.39	26.67	54
Nov	33.00	30.00	29.03	28.34	27.78	27.30	26.62	54
Dec	32.44	29.11	28.67	28.22	27.50	27.13	26.08	54

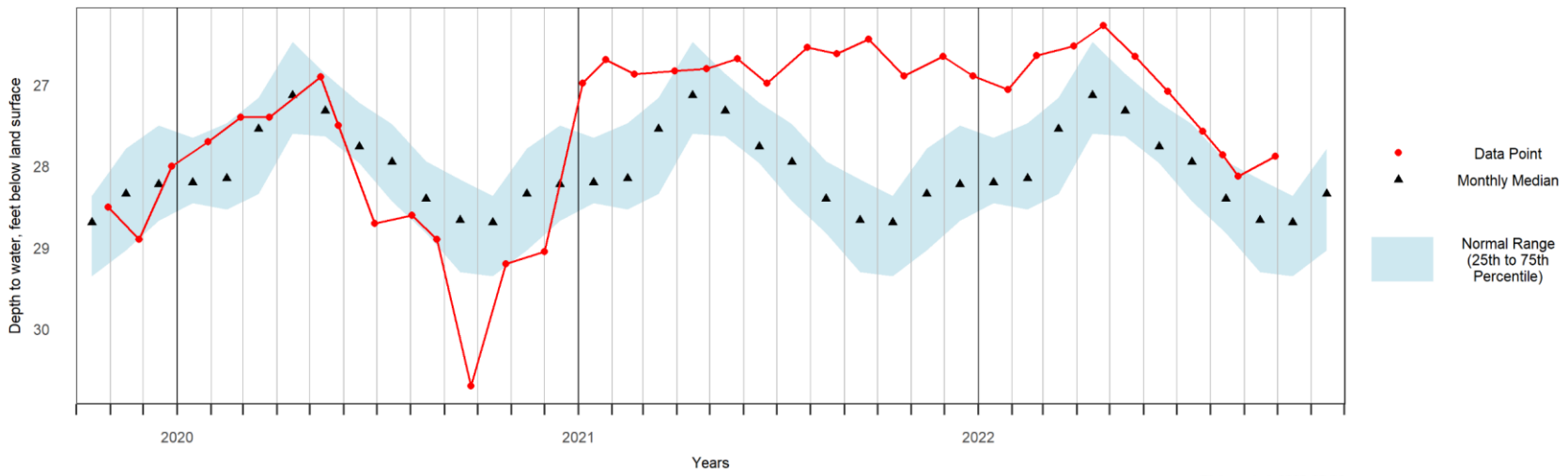
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

NAW-218: Nashua, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

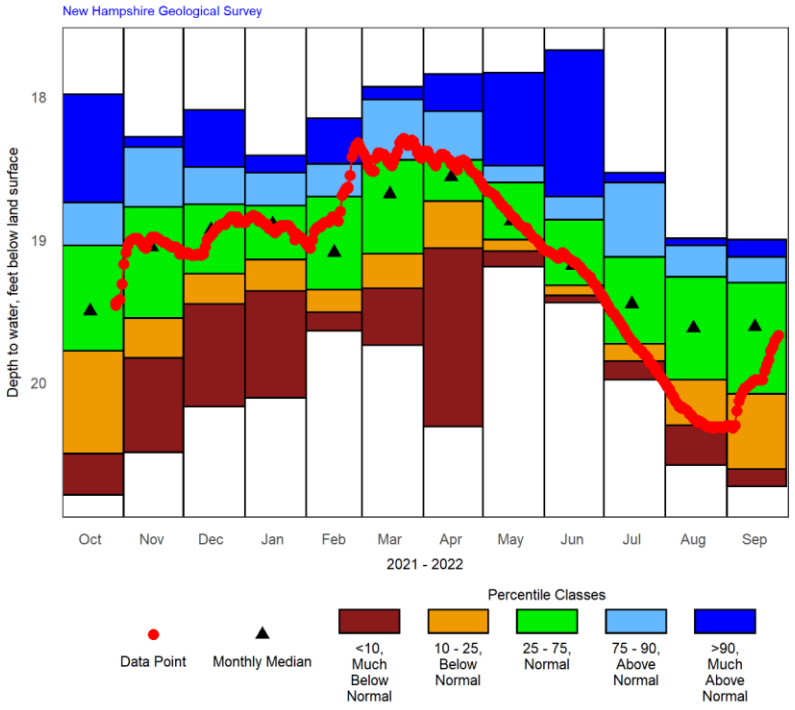
New Hampshire Geological Survey



Plot created: 2022-09-30

NFW-53: New Durham, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes



Period of Record Monthly Statistics for NFW-53

Depth to water, feet below land surface

Most recent depth to water in NFW-53: 19.67 feet on 2022-09-27

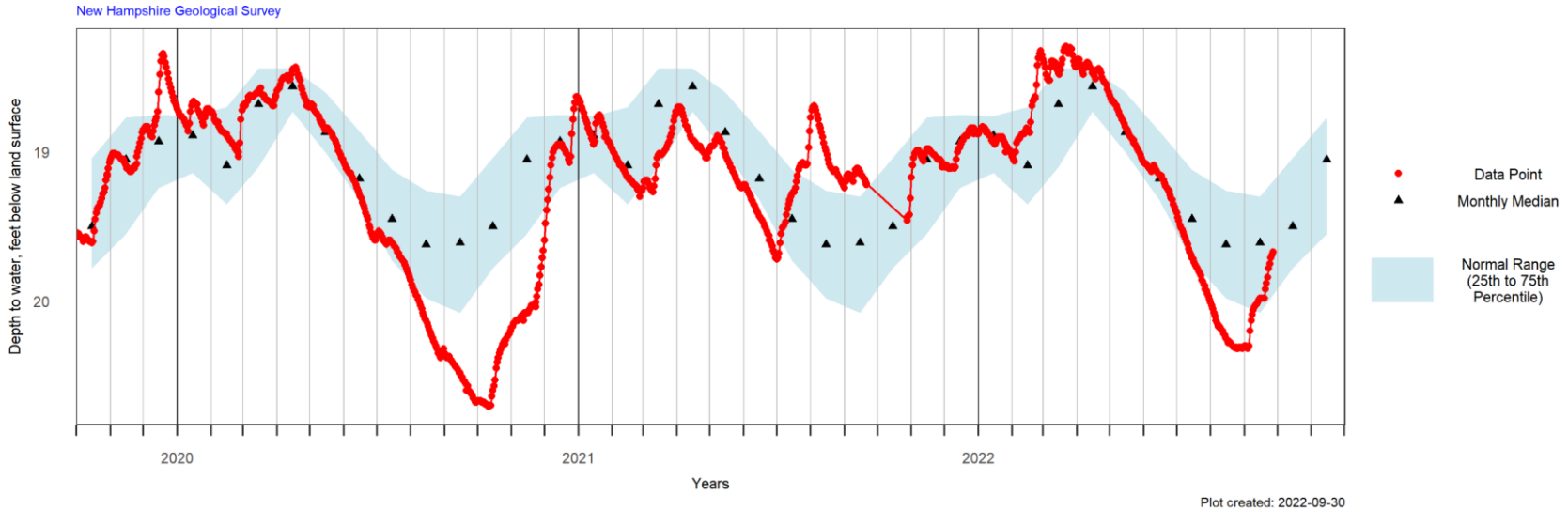
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	20.11	19.36	19.14	18.89	18.76	18.53	18.41	27
Feb	19.64	19.51	19.35	19.09	18.70	18.47	18.15	28
Mar	19.74	19.34	19.10	18.68	18.44	18.02	17.93	29
Apr	20.31	19.06	18.73	18.56	18.44	18.10	17.84	29
May	19.19	19.08	19.00	18.87	18.60	18.48	17.83	28
Jun	19.44	19.39	19.32	19.18	18.86	18.70	17.67	27
Jul	19.98	19.85	19.73	19.45	19.12	18.60	18.53	27
Aug	20.58	20.30	19.98	19.62	19.26	19.04	18.99	28
Sep	20.73	20.61	20.08	19.61	19.30	19.12	19.00	28
Oct	20.79	20.50	19.78	19.50	19.04	18.74	17.98	28
Nov	20.49	19.83	19.55	19.05	18.77	18.35	18.28	27
Dec	20.17	19.45	19.24	18.93	18.75	18.49	18.09	28

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

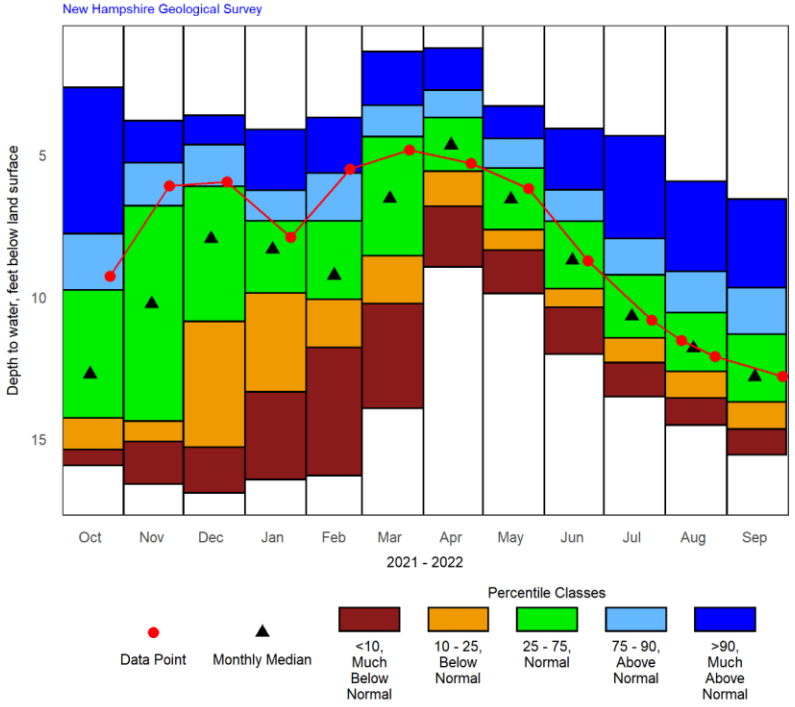
NFW-53: New Durham, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years



NLW-01: New London, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for NLW-01

Depth to water, feet below land surface

Most recent depth to water in NLW-01: 12.79 feet on 2022-09-29

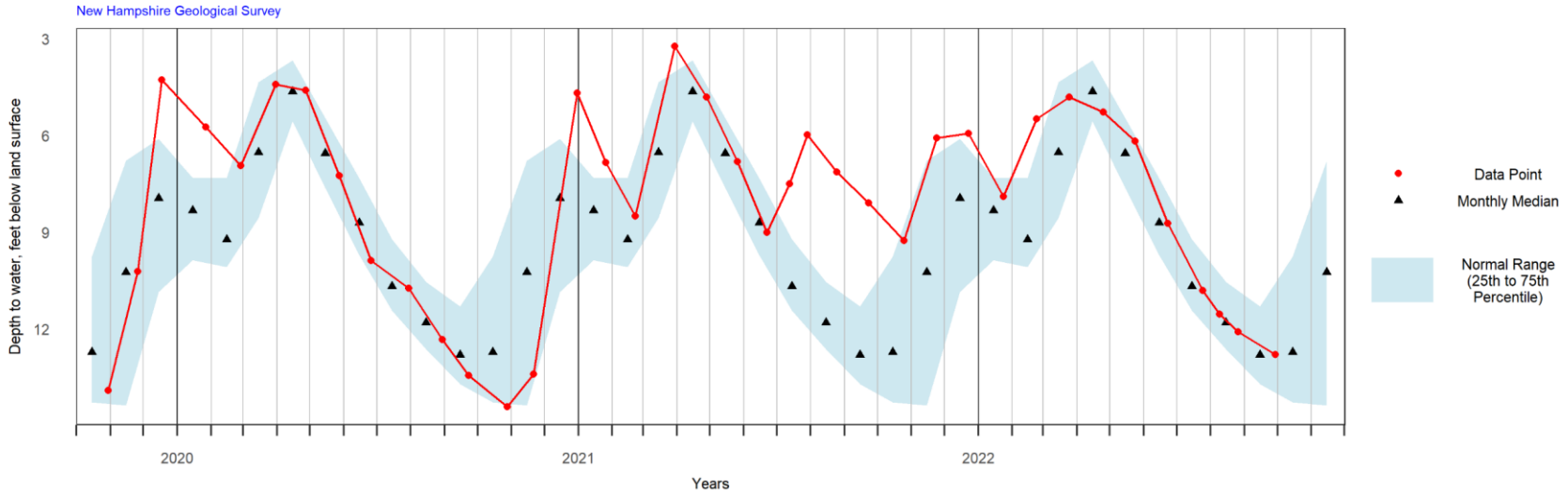
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	16.42	13.34	9.86	8.32	7.31	6.24	4.09	72
Feb	16.29	11.78	10.07	9.23	7.31	5.62	3.67	69
Mar	13.92	10.23	8.55	6.52	4.35	3.23	1.35	71
Apr	8.93	6.80	5.56	4.64	3.67	2.70	1.22	74
May	9.87	8.34	7.62	6.55	5.46	4.41	3.27	73
Jun	12.01	10.35	9.70	8.70	7.33	6.22	4.07	73
Jul	13.51	12.30	11.43	10.67	9.21	7.94	4.32	74
Aug	14.50	13.56	12.62	11.80	10.54	9.09	5.92	73
Sep	15.55	14.64	13.70	12.80	11.30	9.67	6.55	73
Oct	15.92	15.37	14.26	12.71	9.75	7.76	2.62	73
Nov	16.58	15.08	14.36	10.24	6.78	5.27	3.78	73
Dec	16.90	15.28	10.85	7.94	6.10	4.63	3.60	69

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

NLW-01: New London, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

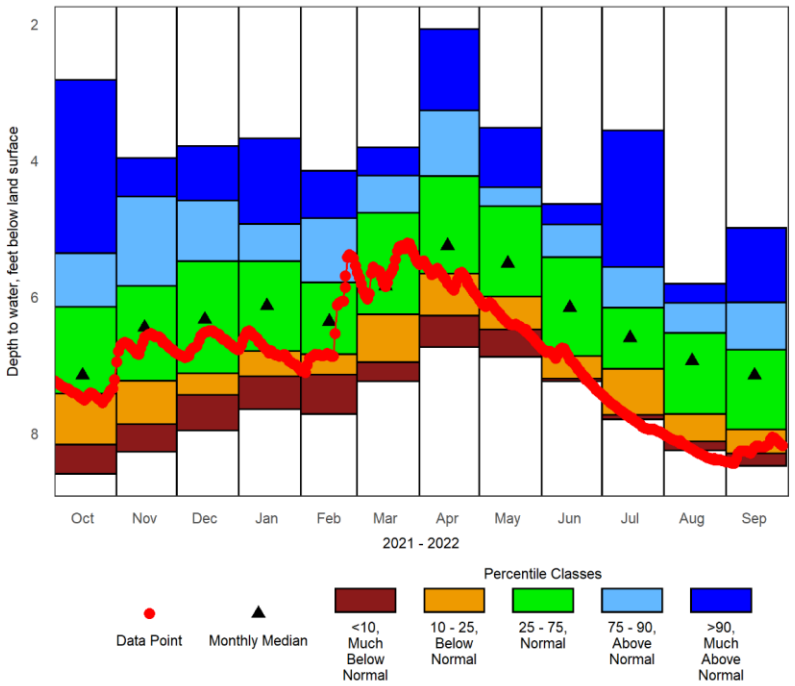


Plot created: 2022-09-30

NPW-03: Newport, NH Overburden Well, Deep Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for NPW-03

Depth to water, feet below land surface

Most recent depth to water in NPW-03: 8.18 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	7.65	7.17	6.80	6.13	5.48	4.93	3.68	27
Feb	7.72	7.14	6.84	6.36	5.79	4.85	4.15	26
Mar	7.24	6.96	6.26	5.84	4.77	4.22	3.81	25
Apr	6.74	6.28	5.66	5.25	4.23	3.27	2.07	29
May	6.88	6.48	6.00	5.51	4.67	4.39	3.52	27
Jun	7.24	7.20	6.87	6.16	5.42	4.94	4.64	27
Jul	7.80	7.73	7.06	6.60	6.16	5.56	3.56	27
Aug	8.25	8.12	7.72	6.94	6.53	6.09	5.81	28
Sep	8.48	8.30	7.95	7.15	6.78	6.08	4.99	28
Oct	8.60	8.17	7.42	7.15	6.15	5.36	2.82	27
Nov	8.27	7.87	7.23	6.45	5.84	4.53	3.96	27
Dec	7.96	7.44	7.12	6.33	5.48	4.59	3.79	26

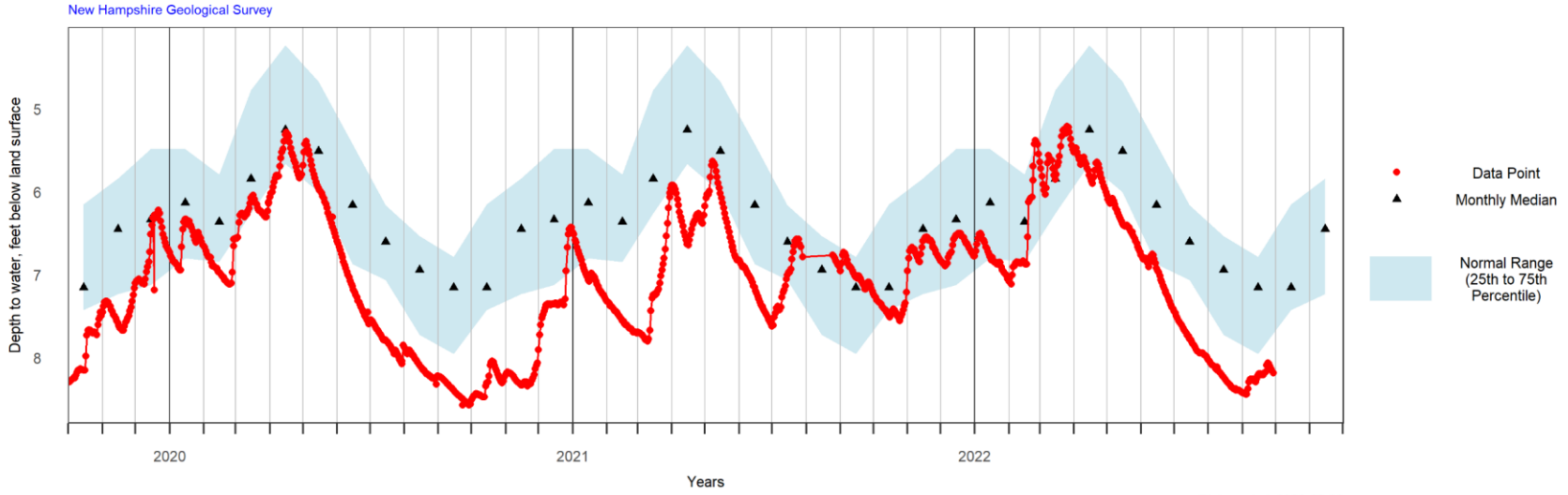
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

NPW-03: Newport, NH Overburden Well, Deep Couplet Member

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

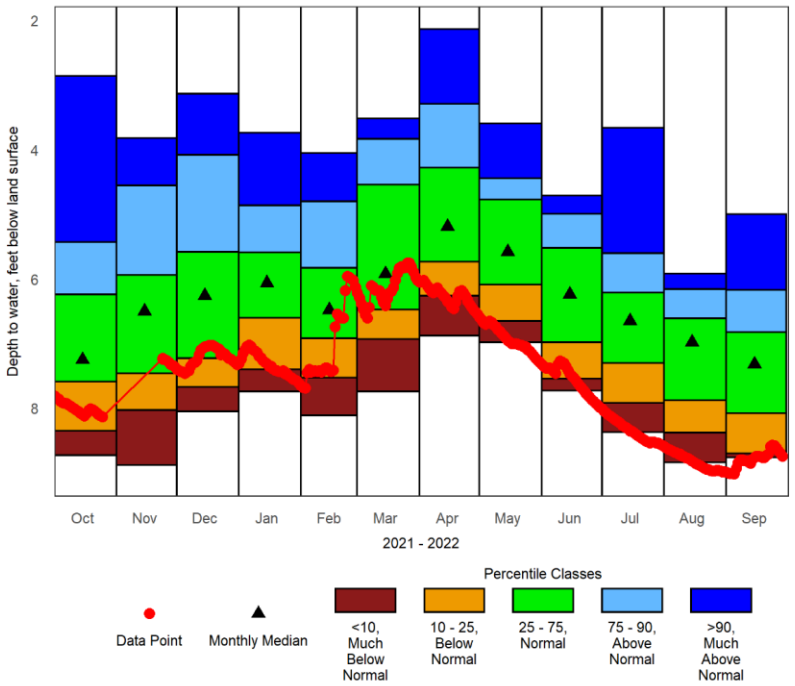


Plot created: 2022-09-30

NPW-06: Newport, NH Overburden Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for NPW-06

Depth to water, feet below land surface

Most recent depth to water in NPW-06: 8.74 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	7.74	7.40	6.60	6.06	5.59	4.86	3.74	27
Feb	8.11	7.53	6.92	6.48	5.83	4.80	4.05	26
Mar	7.74	6.93	6.47	5.92	4.54	3.83	3.52	26
Apr	6.88	6.26	5.73	5.19	4.28	3.29	2.13	29
May	6.98	6.65	6.09	5.58	4.77	4.44	3.59	27
Jun	7.73	7.54	6.98	6.24	5.52	4.99	4.71	27
Jul	8.37	7.92	7.30	6.65	6.21	5.60	3.66	27
Aug	8.84	8.38	7.88	6.98	6.61	6.16	5.92	28
Sep	8.76	8.70	8.08	7.32	6.82	6.17	5.00	28
Oct	8.73	8.35	7.59	7.25	6.24	5.43	2.86	27
Nov	8.88	8.03	7.46	6.50	5.94	4.55	3.82	27
Dec	8.05	7.67	7.23	6.26	5.58	4.08	3.13	26

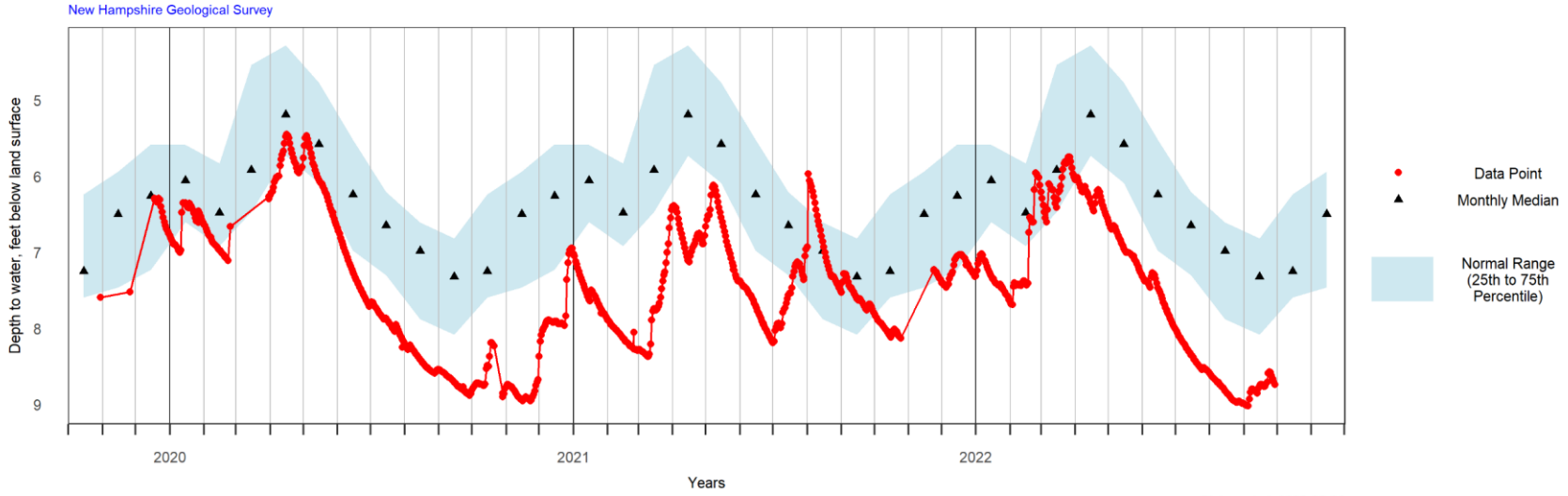
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

NPW-06: Newport, NH Overburden Well, Shallow Couplet Member

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

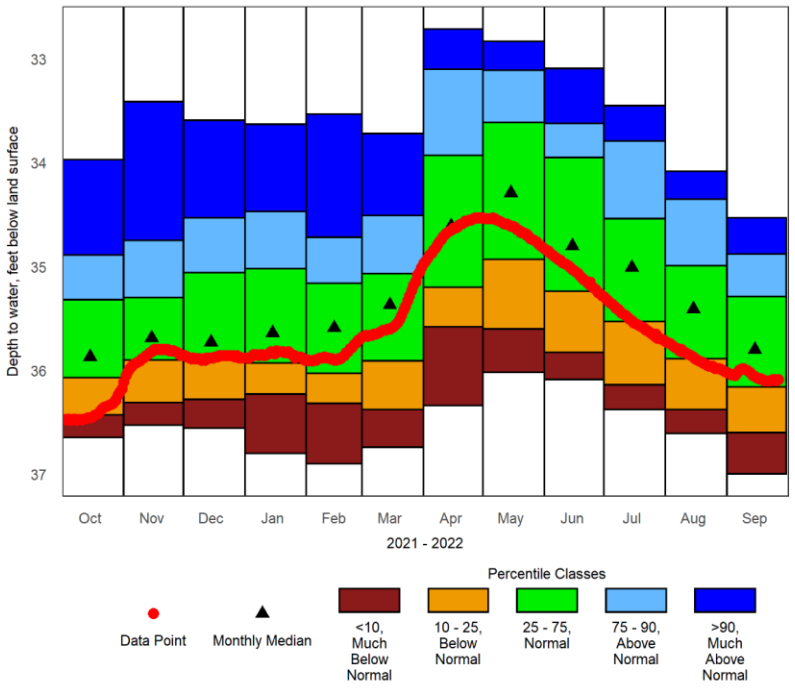


Plot created: 2022-09-30

OXW-38: Ossipee, NH Overburden Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for OXW-38

Depth to water, feet below land surface

Most recent depth to water in OXW-38: 36.09 feet on 2022-09-27

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	36.80	36.23	35.93	35.64	35.02	34.47	33.63	26
Feb	36.90	36.32	36.03	35.59	35.16	34.72	33.53	27
Mar	36.74	36.38	35.91	35.37	35.07	34.51	33.72	25
Apr	36.34	35.58	35.20	34.61	33.93	33.10	32.71	28
May	36.02	35.60	34.93	34.29	33.61	33.11	32.83	27
Jun	36.09	35.83	35.24	34.80	33.95	33.62	33.09	27
Jul	36.38	36.14	35.53	35.01	34.54	33.79	33.45	27
Aug	36.61	36.38	35.89	35.41	34.99	34.35	34.08	28
Sep	37.00	36.60	36.16	35.80	35.29	34.88	34.53	29
Oct	36.65	36.43	36.07	35.87	35.32	34.89	33.97	27
Nov	36.53	36.31	35.90	35.69	35.30	34.75	33.41	27
Dec	36.56	36.28	35.89	35.73	35.06	34.53	33.59	27

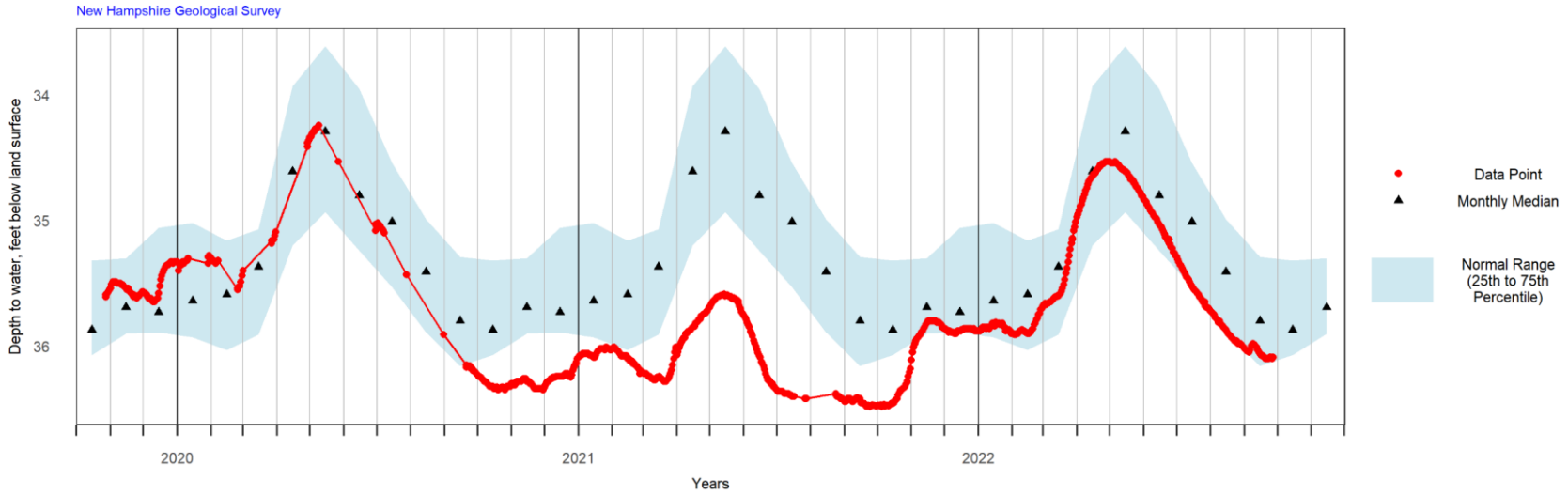
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

OXW-38: Ossipee, NH Overburden Well

Groundwater Levels and Statistics for Past 3 Years

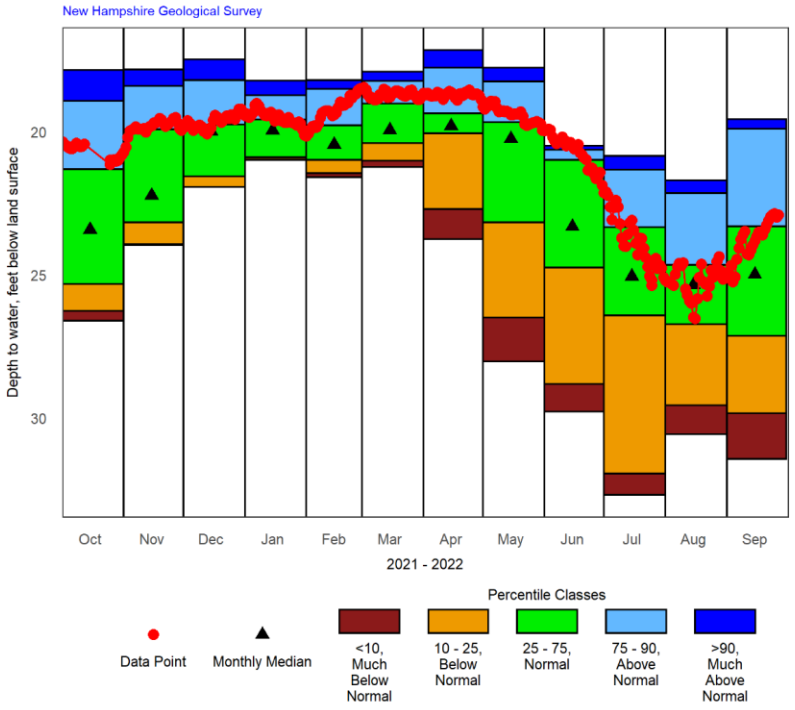
New Hampshire Geological Survey



Plot created: 2022-09-30

CVWB-01: Concord, NH Bedrock Well, Deep Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for CVWB-01

Depth to water, feet below land surface

Most recent depth to water in CVWB-01: 22.9 feet on 2022-09-27

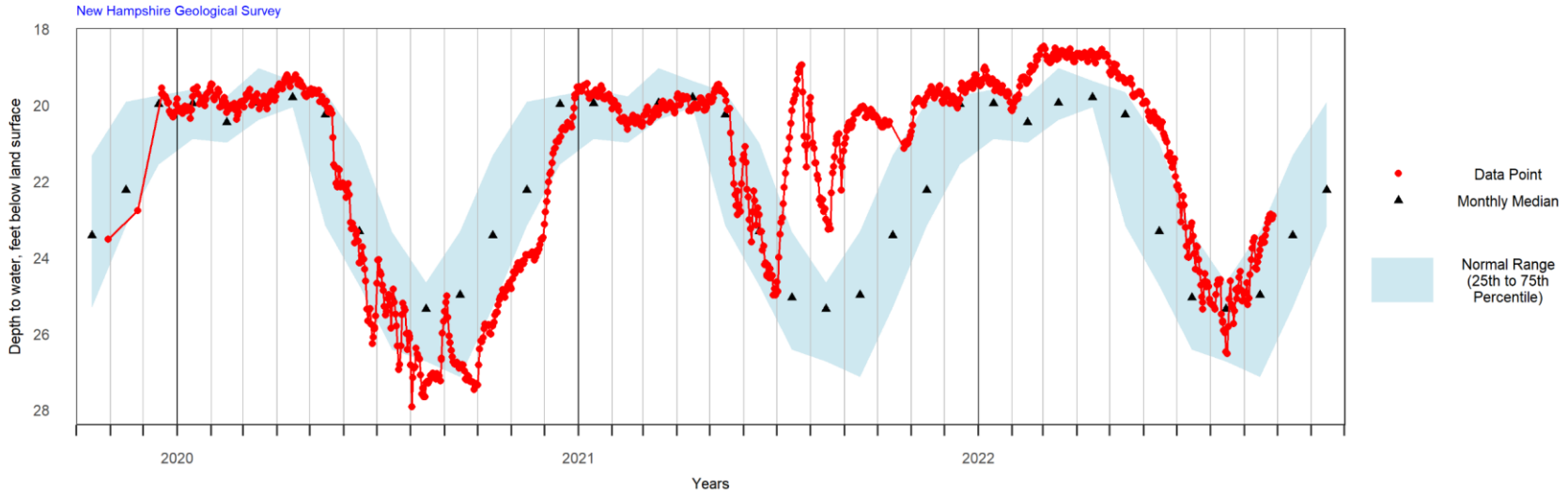
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	20.99	20.97	20.89	19.95	19.58	18.72	18.21	13
Feb	21.59	21.45	20.98	20.45	19.77	18.51	18.19	12
Mar	21.23	21.01	20.39	19.94	19.02	18.22	17.90	13
Apr	23.75	22.70	20.05	19.80	19.36	17.76	17.14	13
May	28.03	26.50	23.16	20.25	19.66	18.24	17.77	13
Jun	29.77	28.82	24.74	23.31	20.99	20.62	20.48	14
Jul	32.69	31.94	26.41	25.05	23.33	21.32	20.84	13
Aug	30.57	29.56	26.72	25.35	24.65	22.14	21.70	14
Sep	31.43	29.83	27.13	24.98	23.30	19.90	19.56	14
Oct	26.60	26.26	25.31	23.42	21.31	18.93	17.84	13
Nov	23.96	23.93	23.16	22.23	19.91	18.40	17.82	13
Dec	21.93	21.92	21.55	19.98	19.74	18.19	17.47	13

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

CVWB-01: Concord, NH Bedrock Well, Deep Couplet Member

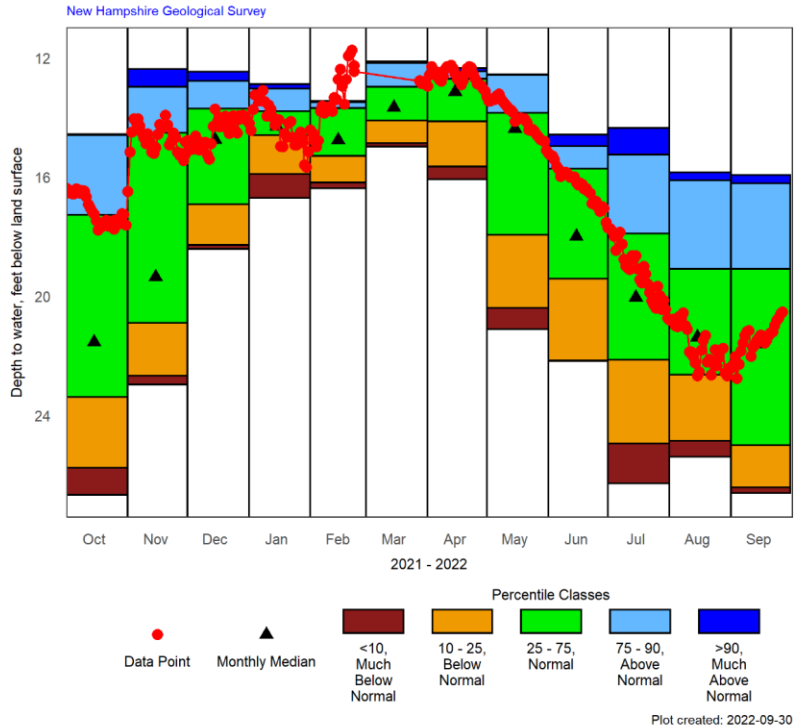
Groundwater Levels and Statistics for Past 3 Years



Plot created: 2022-09-30

CVWB-02: Concord, NH, Bedrock Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Period of Record Monthly Statistics for CVWB-02

Depth to water, feet below land surface

Most recent depth to water in CVWB-02: 20.52 feet on 2022-09-27

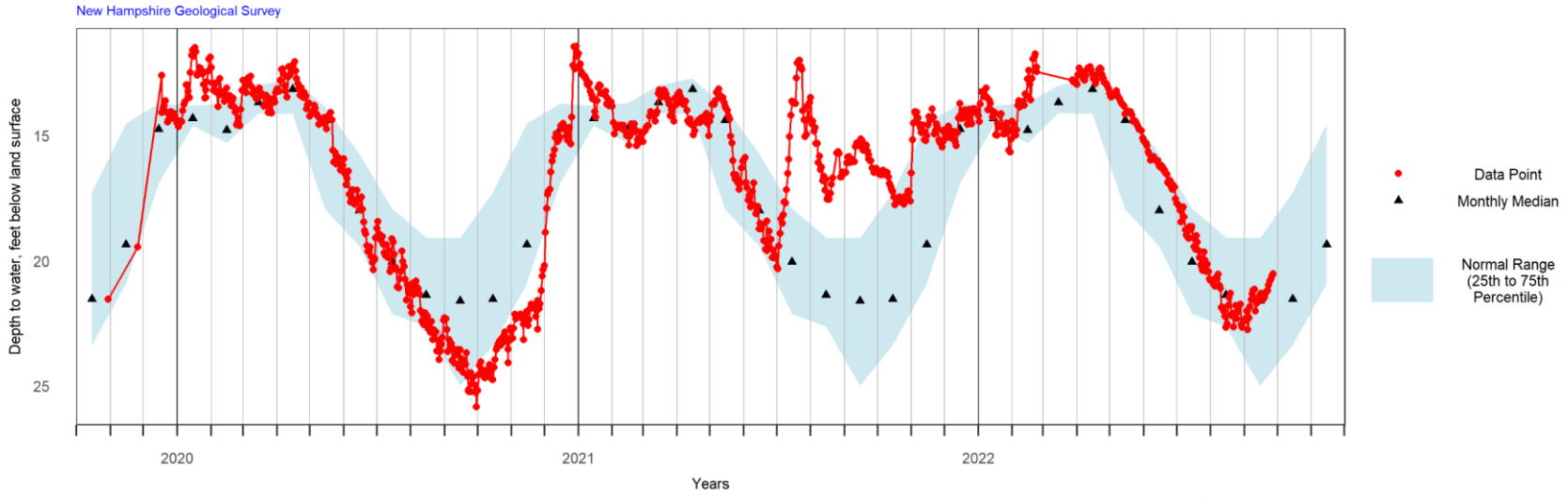
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	16.70	15.90	14.60	14.30	13.80	13.04	12.89	13
Feb	16.38	16.19	15.30	14.77	13.69	13.50	13.45	13
Mar	14.99	14.87	14.10	13.67	12.98	12.17	12.13	13
Apr	16.08	15.65	14.14	13.15	12.71	12.46	12.36	13
May	21.11	20.39	17.94	14.38	13.86	12.58	12.56	13
Jun	22.18	22.16	19.41	17.99	15.73	14.97	14.58	14
Jul	26.28	24.94	22.13	20.04	17.90	15.25	14.36	14
Aug	25.39	24.85	22.63	21.37	19.08	16.12	15.84	14
Sep	26.60	26.41	25.00	21.60	19.09	16.22	15.93	14
Oct	26.67	25.76	23.38	21.54	17.27	14.59	14.57	13
Nov	22.97	22.67	20.90	19.36	14.52	12.98	12.38	13
Dec	18.42	18.28	16.91	14.75	13.71	12.79	12.47	13

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

CVWB-02: Concord, NH, Bedrock Well, Shallow Couplet Member

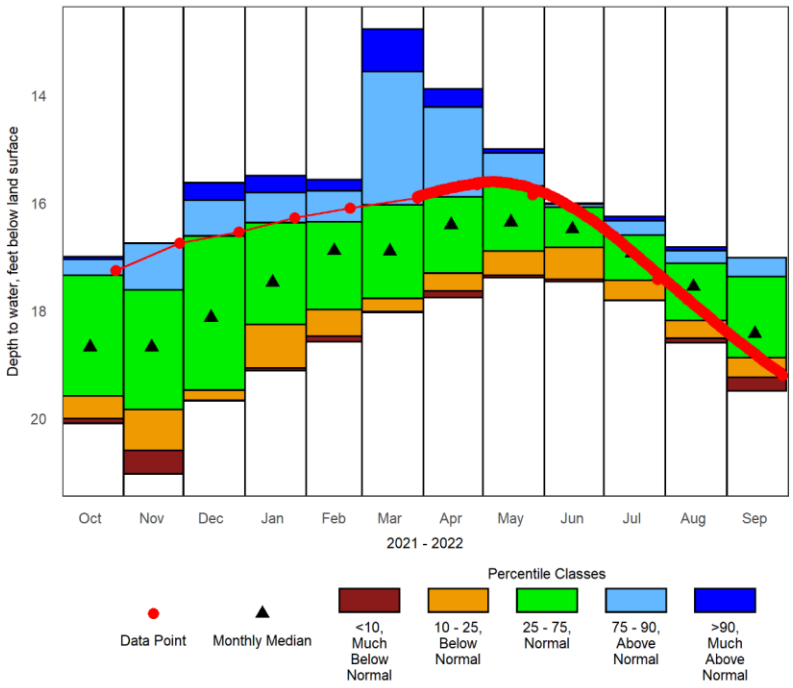
Groundwater Levels and Statistics for Past 3 Years



DDWB-01: Deerfield, NH Bedrock Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for DDWB-01

Depth to water, feet below land surface

Most recent depth to water in DDWB-01: 19.21 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	19.12	19.07	18.26	17.48	16.37	15.81	15.50	13
Feb	18.58	18.48	17.98	16.89	16.35	15.78	15.57	13
Mar	18.04	18.02	17.78	16.90	16.04	13.56	12.77	12
Apr	17.76	17.64	17.31	16.41	15.89	14.22	13.88	13
May	17.39	17.35	16.90	16.36	15.69	15.08	15.00	13
Jun	17.46	17.42	16.83	16.49	16.08	16.02	16.01	13
Jul	17.82	17.81	17.44	16.94	16.60	16.34	16.25	13
Aug	18.60	18.52	18.19	17.56	17.13	16.89	16.82	13
Sep	19.50	19.24	18.88	18.43	17.37	17.02	17.02	14
Oct	20.10	20.01	19.59	18.68	17.35	17.05	17.00	11
Nov	21.04	20.60	19.84	18.68	17.62	16.76	16.75	13
Dec	19.68	19.67	19.48	18.13	16.62	15.95	15.63	13

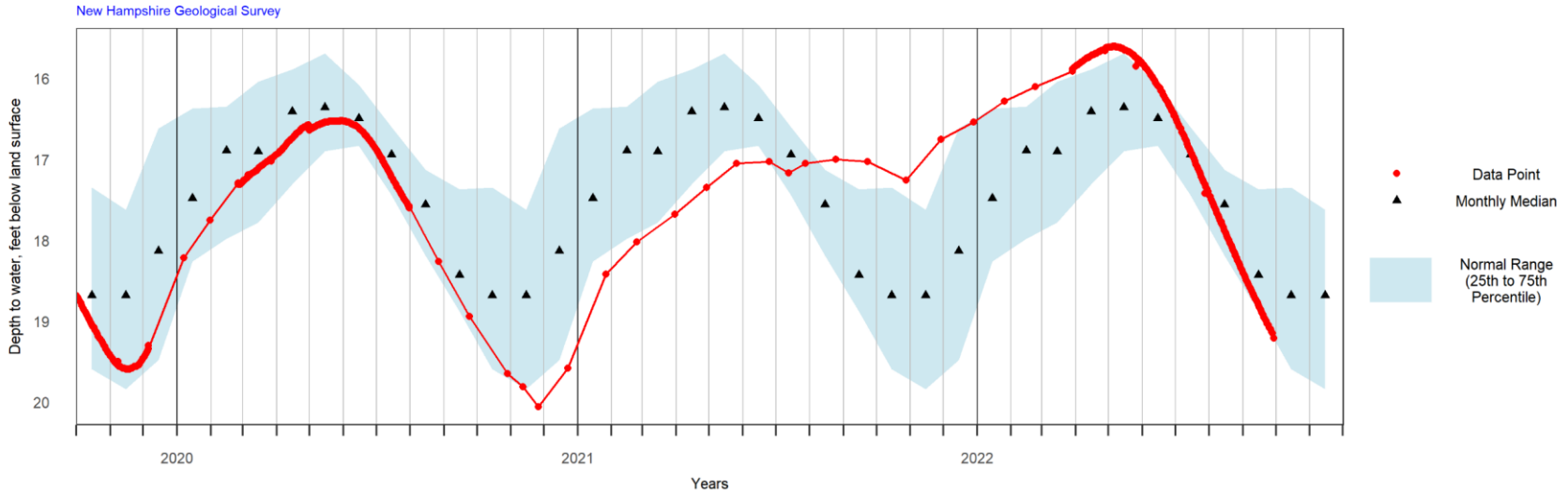
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

DDWB-01: Deerfield, NH Bedrock Well

Groundwater Levels and Statistics for Past 3 Years

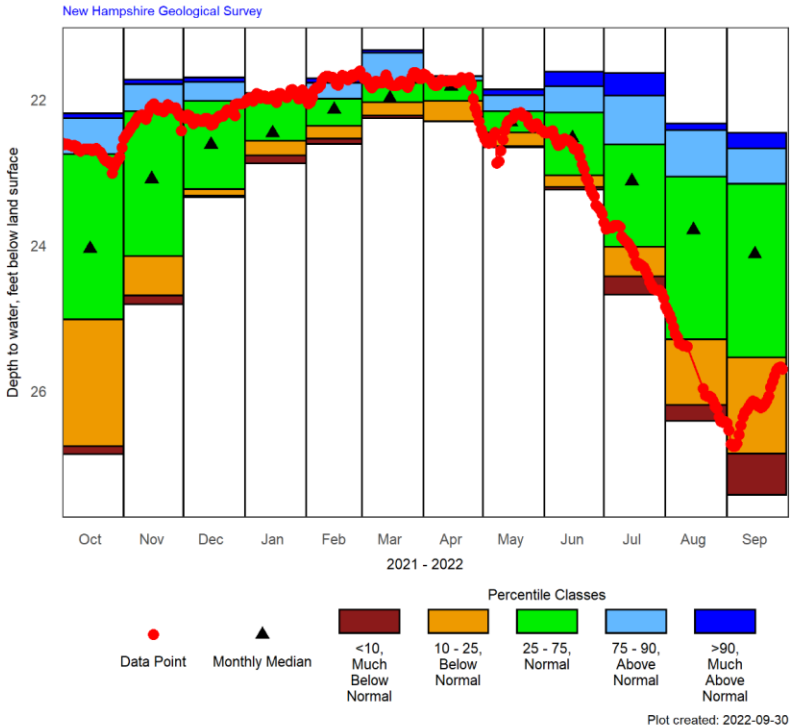
New Hampshire Geological Survey



Plot created: 2022-09-30

EAWB-01: East Kingston, NH Bedrock Well, Deep Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Period of Record Monthly Statistics for EAWB-01

Depth to water, feet below land surface

Most recent depth to water in EAWB-01: 25.7 feet on 2022-09-29

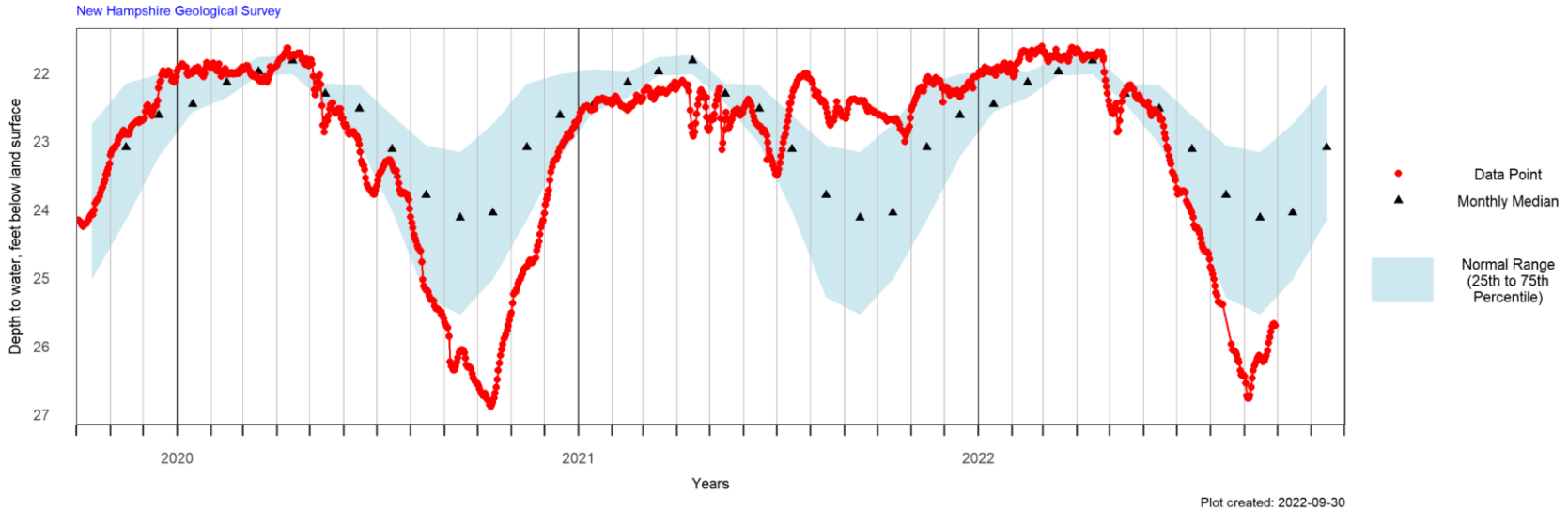
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	22.88	22.77	22.57	22.46	21.95	21.92	21.91	13
Feb	22.61	22.54	22.36	22.14	21.99	21.77	21.71	13
Mar	22.26	22.22	22.04	21.98	21.77	21.36	21.32	13
Apr	22.30	22.30	22.02	21.82	21.74	21.68	21.68	13
May	22.66	22.64	22.45	22.31	22.16	21.94	21.86	13
Jun	23.24	23.20	23.04	22.53	22.18	21.82	21.62	14
Jul	24.68	24.43	24.02	23.12	22.62	21.95	21.64	14
Aug	26.41	26.19	25.29	23.79	23.06	22.42	22.33	14
Sep	27.43	26.86	25.54	24.12	23.16	22.67	22.46	14
Oct	26.87	26.76	25.02	24.05	22.75	22.26	22.19	13
Nov	24.81	24.69	24.15	23.09	22.16	21.79	21.73	13
Dec	23.34	23.32	23.23	22.62	22.02	21.76	21.70	13

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

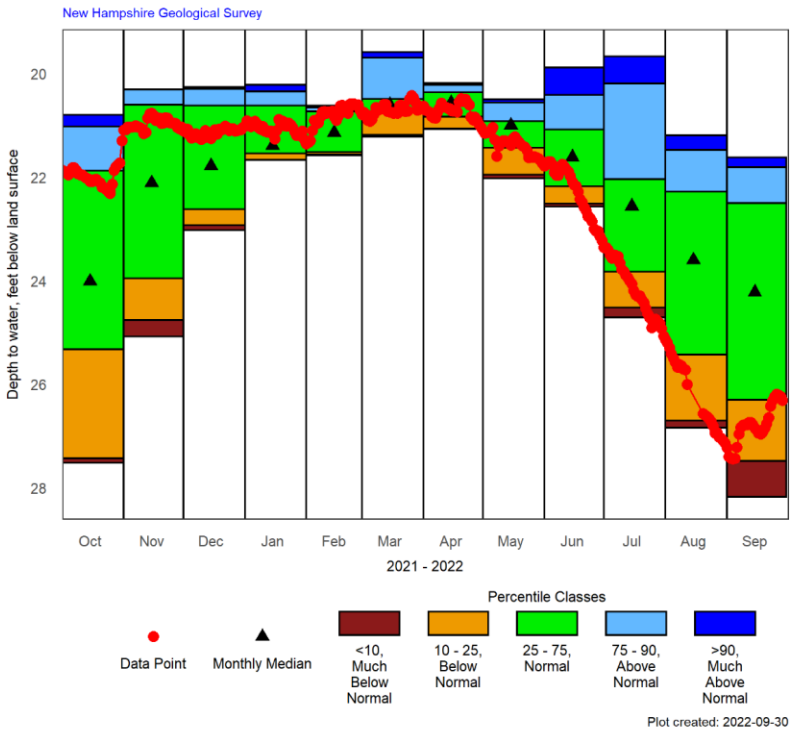
EAWB-01: East Kingston, NH Bedrock Well, Deep Couplet Member

Groundwater Levels and Statistics for Past 3 Years



EAWB-02: East Kingston, NH Bedrock Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Period of Record Monthly Statistics for EAWB-02

Depth to water, feet below land surface

Most recent depth to water in EAWB-02: 26.31 feet on 2022-09-29

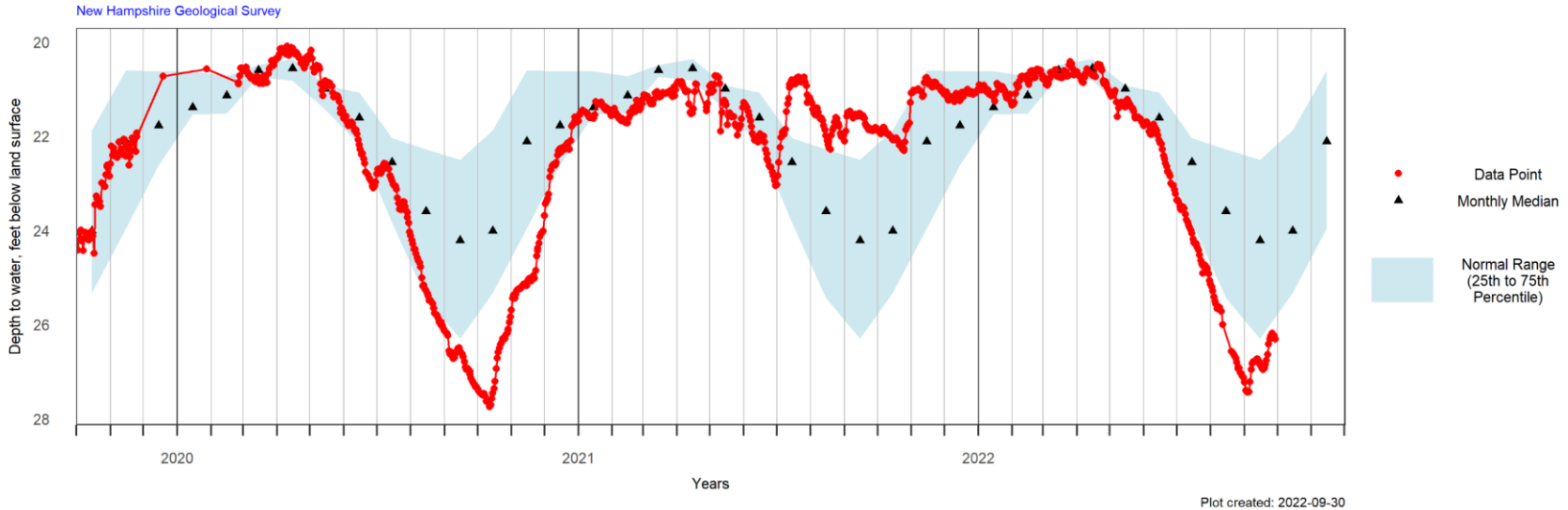
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	21.67	21.66	21.54	21.39	20.62	20.34	20.22	13
Feb	21.58	21.56	21.52	21.14	20.73	20.65	20.62	13
Mar	21.22	21.18	20.74	20.60	20.49	19.69	19.58	13
Apr	21.07	21.06	20.83	20.56	20.36	20.22	20.18	13
May	22.02	21.95	21.43	21.00	20.92	20.56	20.50	13
Jun	22.57	22.51	22.18	21.61	21.08	20.41	19.88	14
Jul	24.71	24.52	23.83	22.56	22.04	20.19	19.67	13
Aug	26.84	26.70	25.43	23.60	22.28	21.47	21.19	14
Sep	28.18	27.48	26.30	24.22	22.50	21.81	21.62	14
Oct	27.52	27.43	25.33	24.01	21.88	21.02	20.80	13
Nov	25.08	24.76	23.96	22.11	20.60	20.31	20.30	12
Dec	23.02	22.93	22.62	21.78	20.62	20.29	20.26	13

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

EAWB-02: East Kingston, NH Bedrock Well, Shallow Couplet Member

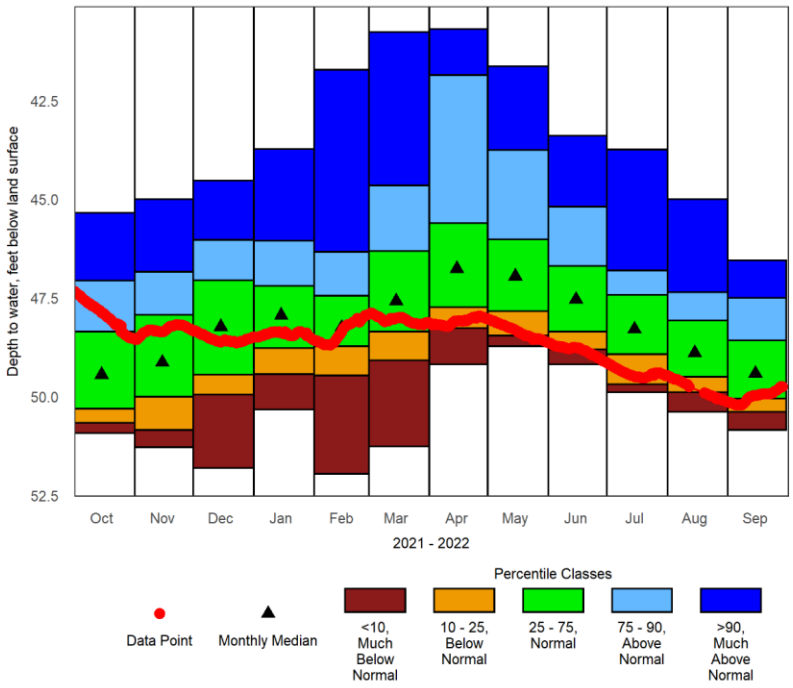
Groundwater Levels and Statistics for Past 3 Years



HTW-05: Hooksett, NH Bedrock Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for HTW-05

Depth to water, feet below land surface

Most recent depth to water in HTW-05: 49.75 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	50.33	49.43	48.77	47.94	47.20	46.05	43.73	54
Feb	51.96	49.46	48.72	48.25	47.45	46.34	41.72	53
Mar	51.26	49.08	48.36	47.58	46.31	44.65	40.77	57
Apr	49.18	48.26	47.74	46.76	45.61	41.86	40.69	58
May	48.73	48.46	47.84	46.95	46.02	43.76	41.64	56
Jun	49.19	48.80	48.35	47.54	46.69	45.19	43.40	56
Jul	49.89	49.69	48.93	48.29	47.42	46.81	43.74	55
Aug	50.39	49.89	49.50	48.89	48.07	47.36	45.00	57
Sep	50.85	50.38	50.05	49.41	48.58	47.50	46.55	56
Oct	50.92	50.66	50.31	49.44	48.35	47.07	45.35	54
Nov	51.28	50.85	50.00	49.13	47.93	46.84	45.00	56
Dec	51.81	49.95	49.44	48.23	47.05	46.03	44.53	57

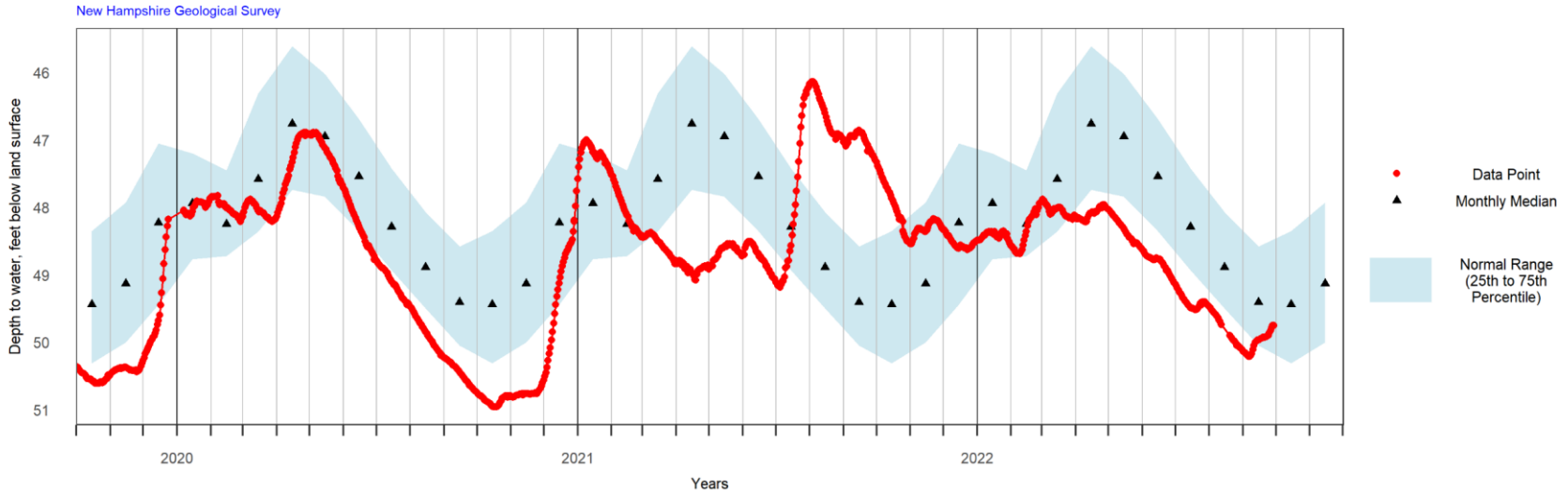
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

HTW-05: Hooksett, NH Bedrock Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

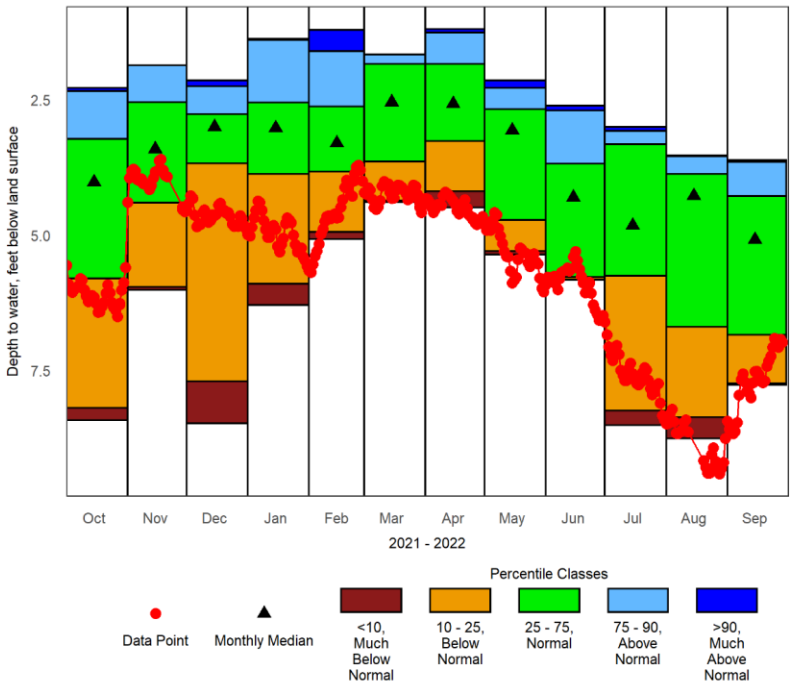


Plot created: 2022-09-30

NWWB-01: Northwood, NH Bedrock Well

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for NWWB-01

Depth to water, feet below land surface

Most recent depth to water in NWWB-01: 6.98 feet on 2022-09-29

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	6.29	5.90	3.87	3.02	2.55	1.40	1.37	12
Feb	5.07	4.94	3.83	3.30	2.62	1.60	1.21	12
Mar	4.39	4.36	3.64	2.54	1.84	1.67	1.66	11
Apr	4.49	4.19	3.26	2.57	1.84	1.26	1.19	12
May	5.36	5.29	4.72	3.06	2.67	2.28	2.14	12
Jun	5.82	5.82	5.77	4.30	3.68	2.70	2.61	10
Jul	8.51	8.24	5.75	4.82	3.32	3.07	3.00	12
Aug	8.75	8.36	6.69	4.27	3.87	3.54	3.52	11
Sep	7.76	7.74	6.84	5.08	4.28	3.65	3.61	12
Oct	8.42	8.19	5.80	4.02	3.22	2.34	2.28	10
Nov	6.01	5.95	4.40	3.41	2.54	1.86	1.86	10
Dec	8.47	7.70	3.67	3.00	2.76	2.25	2.14	11

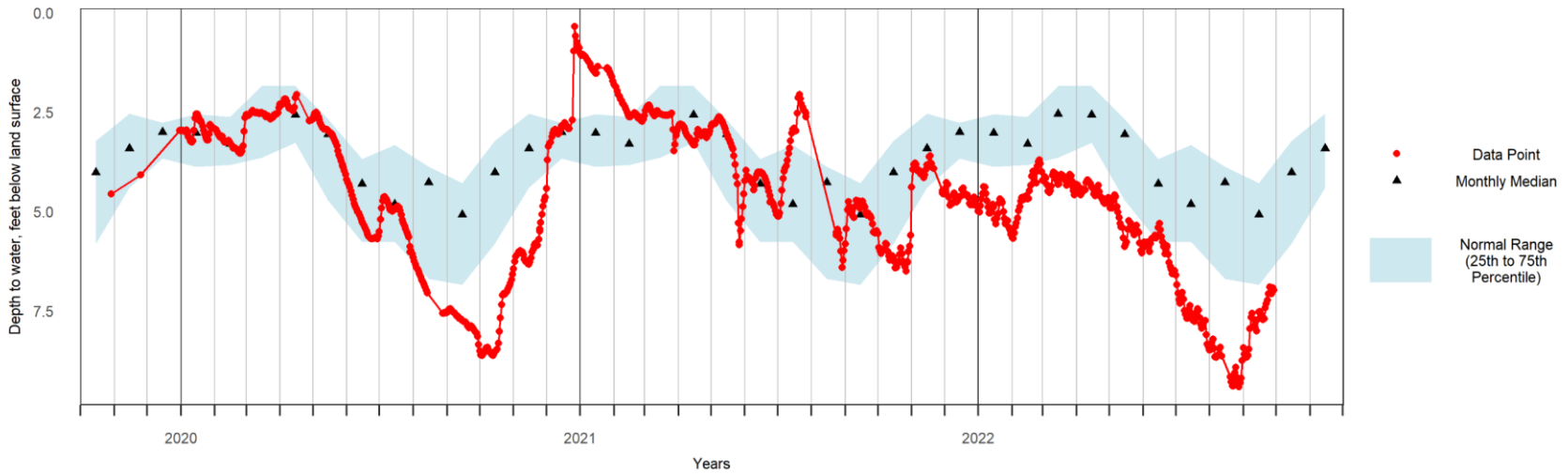
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

NWWB-01: Northwood, NH Bedrock Well

Groundwater Levels and Statistics for Past 3 Years

New Hampshire Geological Survey

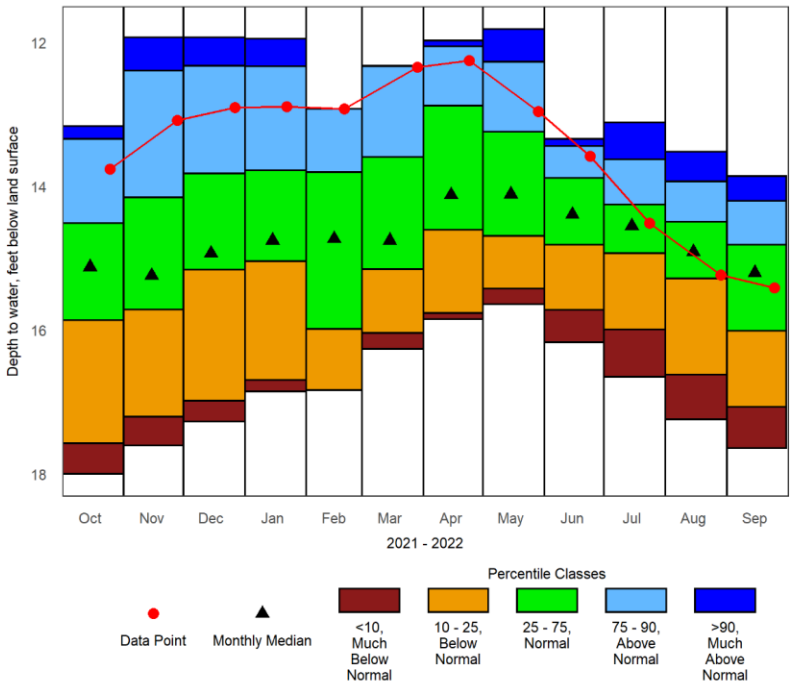


Plot created: 2022-09-30

RGWB-01: Rindge, NH Bedrock Well, Deep Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes

New Hampshire Geological Survey



Plot created: 2022-09-30

Period of Record Monthly Statistics for RGWB-01

Depth to water, feet below land surface

Most recent depth to water in RGWB-01: 15.41 feet on 2022-09-25

Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	16.85	16.69	15.04	14.75	13.78	12.33	11.95	13
Feb	16.83	16.83	15.98	14.73	13.80	12.92	12.92	8
Mar	16.26	16.04	15.15	14.75	13.59	12.33	12.32	13
Apr	15.85	15.76	14.60	14.12	12.88	12.05	11.97	12
May	15.64	15.42	14.69	14.11	13.24	12.27	11.81	13
Jun	16.17	15.72	14.81	14.39	13.88	13.44	13.34	13
Jul	16.65	15.99	14.93	14.55	14.25	13.62	13.11	14
Aug	17.24	16.62	15.28	14.91	14.49	13.93	13.52	14
Sep	17.64	17.07	16.01	15.20	14.81	14.20	13.86	13
Oct	18.00	17.57	15.86	15.12	14.51	13.34	13.16	12
Nov	17.60	17.20	15.71	15.24	14.15	12.39	11.93	13
Dec	17.27	16.98	15.16	14.93	13.82	12.32	11.93	13

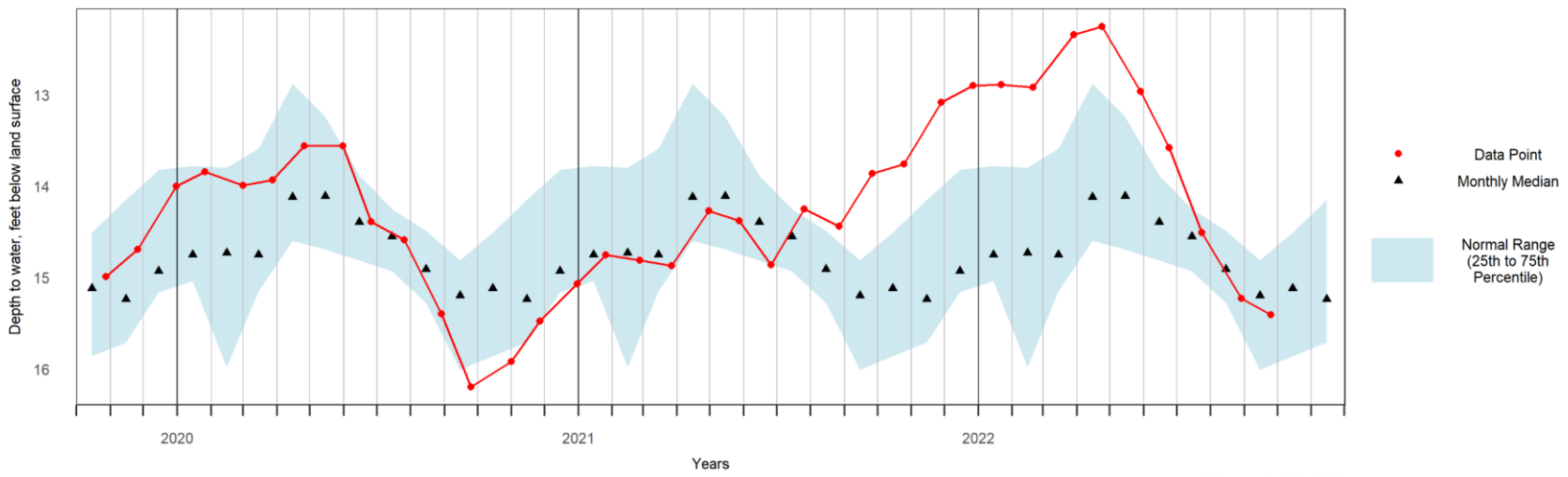
Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

RGWB-01: Rindge, NH Bedrock Well, Deep Couplet Member

Groundwater Levels and Statistics for Past 3 Years

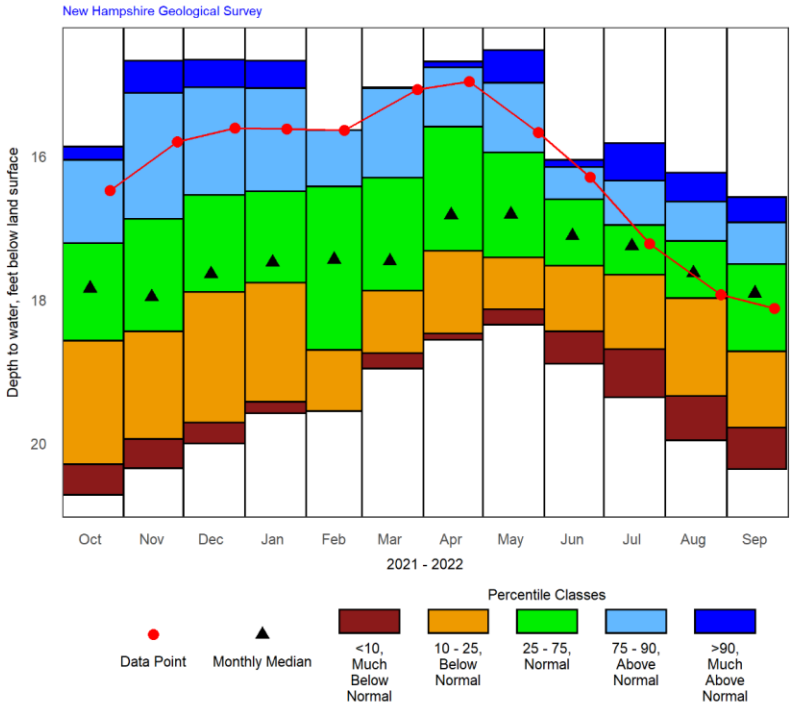
New Hampshire Geological Survey



Plot created: 2022-09-30

RGWB-02: Rindge, NH Bedrock Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for RGWB-02

Depth to water, feet below land surface

Most recent depth to water in RGWB-02: 18.12 feet on 2022-09-25

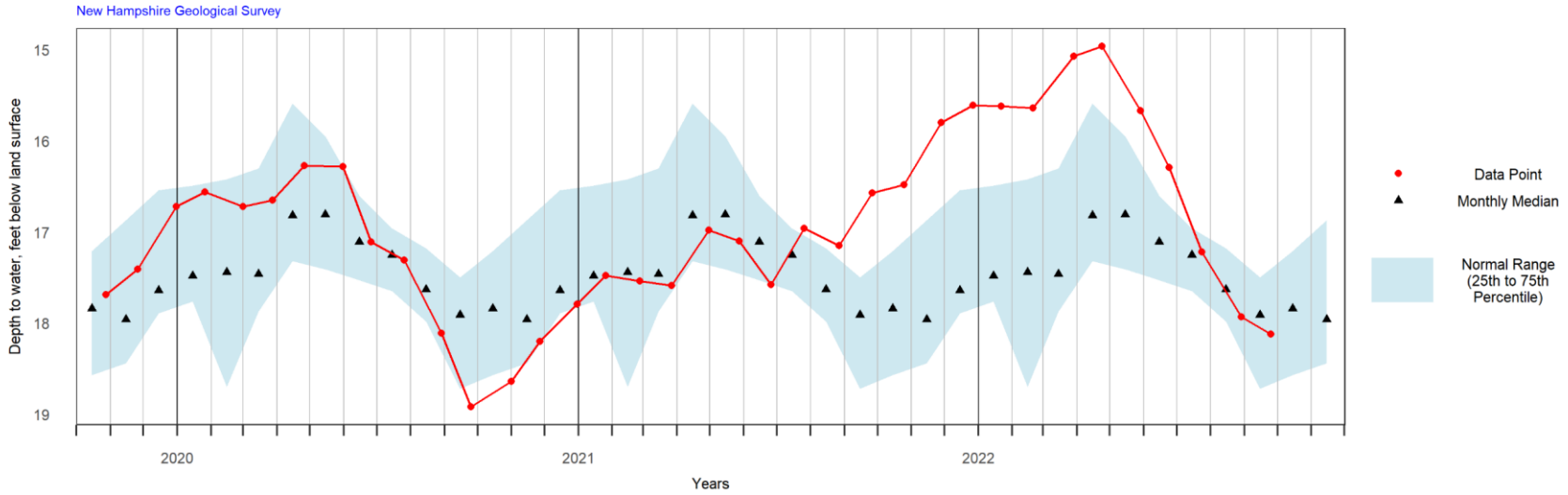
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	19.58	19.42	17.76	17.48	16.49	15.05	14.67	13
Feb	19.55	19.55	18.70	17.44	16.42	15.64	15.64	8
Mar	18.96	18.74	17.87	17.46	16.30	15.05	15.04	13
Apr	18.56	18.47	17.32	16.82	15.59	14.76	14.68	12
May	18.35	18.13	17.41	16.81	15.95	14.98	14.52	13
Jun	18.89	18.44	17.53	17.11	16.60	16.15	16.05	13
Jul	19.36	18.69	17.65	17.25	16.96	16.34	15.82	14
Aug	19.96	19.34	17.98	17.63	17.18	16.63	16.23	14
Sep	20.36	19.78	18.72	17.91	17.50	16.92	16.57	13
Oct	20.72	20.29	18.57	17.84	17.21	16.05	15.87	12
Nov	20.35	19.94	18.44	17.96	16.87	15.12	14.67	13
Dec	20.00	19.71	17.89	17.64	16.54	15.04	14.66	13

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

RGWB-02: Rindge, NH Bedrock Well, Shallow Couplet Member

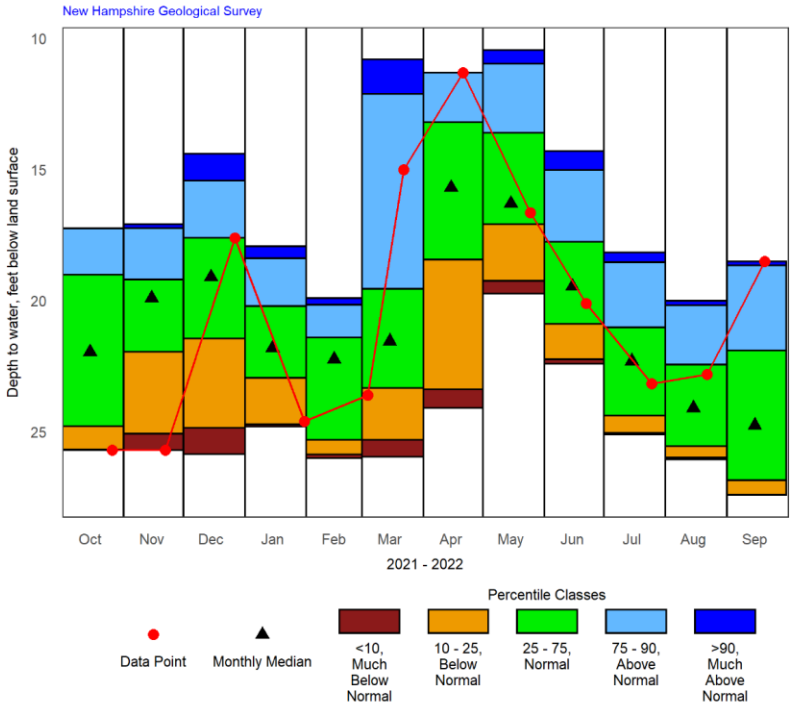
Groundwater Levels and Statistics for Past 3 Years



Plot created: 2022-09-30

SOWB-02: Stewartstown, NH Bedrock Well, Shallow Couplet Member

Annual Hydrograph with Historical Median and Percentile Classes



Plot created: 2022-09-30

Period of Record Monthly Statistics for SOWB-02

Depth to water, feet below land surface

Most recent depth to water in SOWB-02: 18.5 feet on 2022-09-20

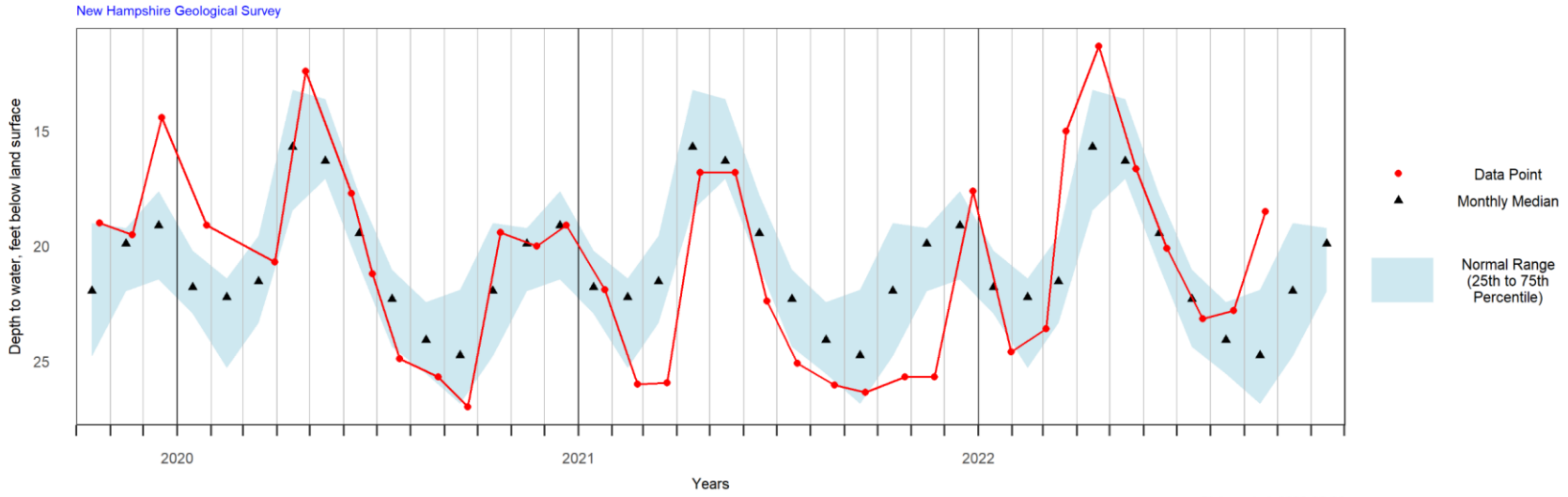
Month	Lowest Median	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Highest Median	POR
Jan	24.80	24.72	22.95	21.80	20.20	18.39	17.92	13
Feb	26.00	25.87	25.30	22.23	21.40	20.16	19.90	11
Mar	25.95	25.31	23.34	21.54	19.55	12.12	10.80	12
Apr	24.10	23.38	18.44	15.69	13.20	11.30	11.30	13
May	19.74	19.25	17.08	16.30	13.60	10.97	10.44	11
Jun	22.40	22.24	20.89	19.45	17.76	15.03	14.30	13
Jul	25.10	25.04	24.38	22.30	21.02	18.54	18.17	13
Aug	26.05	25.98	25.55	24.09	22.44	20.17	20.00	14
Sep	27.41	27.41	26.85	24.75	21.90	18.65	18.50	14
Oct	25.70	25.68	24.78	21.95	19.00	17.25	17.24	11
Nov	25.70	25.07	21.95	19.90	19.20	17.24	17.08	12
Dec	25.85	24.86	21.44	19.10	17.60	15.43	14.40	13

Table created: 2022-09-30

Figures and table created with R version 4.1.3 using a heavily modified version of the Hydrologic AnalySis Package (HASP) by USGS

SOWB-02: Stewartstown, NH Bedrock Well, Shallow Couplet Member

Groundwater Levels and Statistics for Past 3 Years



Plot created: 2022-09-30