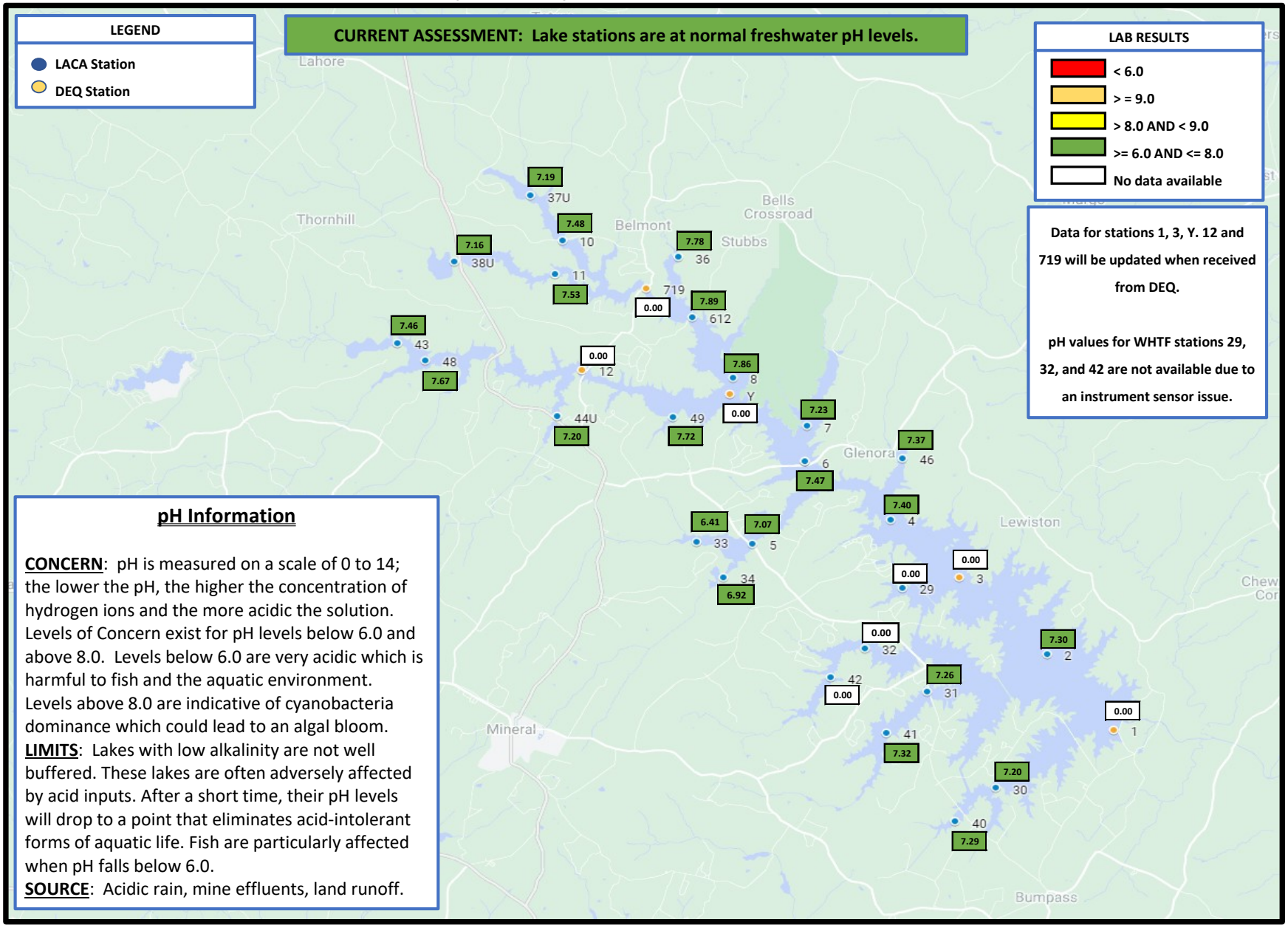
April 2024 - pH Data (Surface Conditions)



pH Information

CONCERN: pH is measured on a scale of 0 to 14; the lower the pH, the higher the concentration of hydrogen ions and the more acidic the solution. Levels of Concern exist for pH levels below 6.0 and above 8.0. Levels below 6.0 are very acidic which is harmful to fish and the aquatic environment. Levels above 8.0 are indicative of cyanobacteria dominance which could lead to an algal bloom.

LIMITS: Lakes with low alkalinity are not well buffered. These lakes are often adversely affected by acid inputs. After a short time, their pH levels will drop to a point that eliminates acid-intolerant forms of aquatic life. Fish are particularly affected when pH falls below 6.0.

SOURCE: Acidic rain, mine effluents, land runoff.

	D	L	D	L	L	L	D	L	L	L	L	D	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	D	D
Month / Station	1	2	3	4	5	6D	6	7	8	10	11	12	29	30	31	32	33	34	36	37U	38U	40	41	42	43	44U	46	48	49	612	719	Y
April	0.00	7.30	0.00	7.40	7.07	7.47	0.00	7.23	7.86	7.48	7.53	0.00	0.00	7.20	7.26	0.00	6.41	6.92	7.78	7.19	7.16	7.29	7.32	0.00	7.46	7.20	7.37	7.67	7.72	7.89	0.00	0.00
June																																
August																																
October																																