

Mountain Island Lake-Gaston NC-Elev 500 FT  
 35.38N 80.99W Elev. 500 ft  
 240 AM EDT Sat May 17 2025

Date	Sat 05/17/25								Sun 05/18/25								Mon 05/19/25							
UTC 3hrly	09	12	15	18	21	00	03	06	09	12	15	18	21	00	03	06	09	12	15	18	21	00		
EDT 3hrly	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20		
Max/Min	89								62								86							
Temp	72	71	78	86	87	77	68	66	62	65	82	86	85	76	68	64	61	64	78	84	86	77		
Dewpt	68	66	66	66	62	59	56	54	54	57	58	58	58	61	60	60	59	59	60	60	62	65		
Min/Max RH	44								78								38							
RH	88	84	68	51	44	55	65	66	75	76	45	38	41	61	76	87	92	84	54	44	45	67		
Wind dir	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	N	N	NE	SE	SW	SW	SW		
Wind dir deg	28	26	23	25	26	26	25	25	27	26	26	25	25	26	29	35	02	05	14	22	23	23		
Wind spd	4	4	6	8	8	4	3	3	2	2	4	5	4	2	1	1	1	1	1	3	3	1		
Clouds	B2	B2	B2	SC	FW	CL	FW	SC	SC	SC	B1	B1	SC	SC	SC	SC	SC	SC	SC	SC	B1			
Clouds(%)	78	86	77	38	8	2	7	27	30	46	51	52	49	39	34	40	33	40	36	39	50	54		
Vsby	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
ADI	8	15	38	133	138	5	6	5	4	9	63	85	76	4	3	3	3	4	29	64	62	3		
LVORI	5	4	3	1	1	3	3	3	4	4	1	1	1	3	4	6	6	5	2	1	1	3		
Stability	5	2	2	2	2	6	7	7	7	1	1	2	1	7	7	7	7	1	1	1	1	6		
PoP 12hr	30								0								5							
QPF 12hr	0.02								0								0							
Rain Shwrs	C								C								C							
Tstms	S								C								C							
Chc Thndr (%)	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0		
DSI	2								2								2							
Mix hgt	900	4200	5200	500	600	4500	4200	500	900	4000	4800													
T wind dir	W	SW	W	W	W	W	W	W	NW	N	SW	W												
T wind spd	11	19	19	12	9	16	13	6	5	9	9													
Ceiling	14500	14300	None	None	None	None	None	None	None	None	None													
Sta pres	28.99	28.99	28.97	29.04	29.07	29.09	29.08	29.11	29.13	29.15	29.06													

Date	Tue 05/20/25				Wed 05/21/25				Thu 05/22/25				Fri 05/23/25				Sat 05/24/25			
UTC 6hrly	06	12	18	00	06	12	18	00	06	12	18	00	06	12	18	00	06	12		
EDT 6hrly	02	08	14	20	02	08	14	20	02	08	14	20	02	08	14	20	02	08		
Min/Max	64				83				65				82				57			
Temp	66	67	83	77	66	68	81	71	60	60	73	65	53	55	73	67	54	56		
Dewpt	65	65	65	67	65	66	66	61	56	55	51	50	47	48	47	49	48	50		
Max/Min RH	96				56				98				51				91			
RH	96	91	56	73	96	96	60	70	89	84	47	57	82	79	40	53	79	80		
Wind dir	NE	NE	E	E	S	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	N	NW			
Wind spd	1	2	3	2	2	3	6	4	3	4	6	3	2	3	5	2	1	2		
Avg clouds	B1	B1	B1	B1	B1	B2	B1	B2	SC	SC	SC	SC	FW	FW	FW	FW	FW	FW		
PoP 12hr	10				30				50				70				40			
Rain Shwrs	C				C				L				L				C			
Tstms	S				C				S				S				S			

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