

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 AIR QUALITY SUMMARY REPORT

May. 27, 2010

MSA: Charlotte-Gastonia-Rock Hill,NC-SC

YEAR: 2009

D
A
Y

O
F

M
O
N
T
H

	JAN 2009	FEB 2009	MAR 2009	APR 2009	MAY 2009	JUN 2009	JUL 2009	AUG 2009	SEP 2009	OCT 2009	NOV 2009	DEC 2009
01	31 H	37 U	29 U	40 W	40 F	67 M	67 W	33 S	41 T	36 H	24 U	33 T
02	29 F	42 M	34 M	28 H	33 S	90 T	46 H	43 U	47 W	40 F	29 M	25 W
03	46 S	34 T	38 T	45 F	31 U	51 W	42 F	80 M	49 H	41 S	41 T	21 H
04	41 U	33 W	38 W	47 S	35 M	34 H	57 S	93 T	111 F	37 U	37 W	29 F
05	30 M	42 H	42 H	49 U	27 T	35 F	66 U	104 W	90 S	29 M	47 H	28 S
06	19 T	53 F	45 F	42 M	30 W	32 S	56 M	54 H	51 U	25 T	41 F	54 U
07	25 W	65 S	55 S	40 T	39 H	37 U	61 T	65 F	41 M	32 W	57 S	59 M
08	26 H	55 U	52 U	61 W	37 F	50 M	58 W	64 S	40 T	36 H	61 U	54 T
09	36 F	66 M	53 M	67 H	50 S	77 T	61 H	71 U	34 W	46 F	62 M	34 W
10	37 S	70 T	44 T	35 F	46 U	74 W	55 F	87 M	34 H	31 S	54 T	30 H
11	37 U	43 W	53 W	45 S	31 M	43 H	56 S	79 T	48 F	24 U	32 W	37 F
12	34 M	36 H	31 H	49 U	47 T	42 F	60 U	38 W	51 S	27 M	24 H	61 S
13	52 T	44 F	36 F	39 M	48 W	48 S	43 M	41 H	44 U	32 T	25 F	28 U
14	31 W	49 S	23 S	37 T	38 H	57 U	84 T	44 F	58 M	32 W	34 S	26 M
15	31 H	49 U	16 U	40 W	34 F	68 M	87 W	46 S	56 T	18 H	62 U	31 T
16	26 F	32 M	17 M	50 H	25 S	43 T	54 H	43 U	90 W	27 F	50 M	37 W
17	38 S	38 T	38 T	64 F	26 U	31 W	48 F	41 M	46 H	25 S	55 T	56 H
18	63 U	44 W	43 W	71 S	43 M	52 H	54 S	46 T	54 F	29 U	34 W	44 F
19	53 M	31 H	47 H	36 U	46 T	74 F	42 U	35 W	56 S	43 M	27 H	28 S
20	46 T	40 F	44 F	46 M	45 W	50 S	54 M	32 H	45 U	43 T	38 F	29 U
21	59 W	37 S	42 S	49 T	37 H	45 U	51 T	48 F	46 M	43 W	55 S	47 M
22	47 H	42 U	53 U	45 W	29 F	61 M	44 W	42 S	32 T	40 H	55 U	59 T
23	60 F	32 M	50 M	58 H	23 S	52 T	36 H	33 U	25 W	27 F	17 M	73 W
24	47 S	56 T	55 T	71 F	20 U	77 W	58 F	47 M	41 H	29 S	17 T	61 H
25	39 U	57 W	35 W	58 S	24 M	111 H	77 S	54 T	36 F	25 U	30 W	24 F
26	48 M	59 H	55 H	47 U	25 T	111 F	55 U	80 W	18 S	30 M	24 H	22 S
27	68 T	42 F	38 F	46 M	25 W	71 S	54 M	51 H	31 U	23 T	26 F	31 U
28	47 W	20 S	25 S	43 T	36 H	80 U	48 T	42 F	41 M	28 W	33 S	25 M
29	31 H		36 U	44 W	43 F	80 M	31 W	44 S	34 T	37 H	34 U	39 T
30	35 F		42 M	46 H	58 S	71 T	55 H	43 U	35 W	40 F	25 M	38 W
31	36 S		43 T		47 U		46 F	42 M		33 S		49 H

No. of Days with AQI Values:	Good < or = 50	Moderate 51-100	Unhealthy for Sensitive Groups 101-150	Unhealthy 151-200	Very Unhealthy 201-300	-----Hazardous----- >301
	260	101	4	0	0	0

Highest AQI/YR = 111 Total Days with AQI Values = 365

Days CO = 0 Days O3 = 159 Days SO2 = 0 Days NO2 = 18 Days PM2.5 = 187 Days PM10 = 1