

User ID: XJLSTEGER

AIR QUALITY SUMMARY REPORT

Report Request ID: 1657089

Report Code: AMP410S

May. 30, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
37									16740		

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration

AQI POLLUTANTS

SELECTED OPTIONS

Option Type	Option Value
DATA GROUPING	GROUP BY MSA
MERGE PDF FILES	YES
AGENCY ROLE	PQAO

DATE CRITERIA

Start Date	End Date
2009 01 01	2017 12 31

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

May. 30, 2018

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

YEAR: 2009

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	36	H	45	U	31	U	51	W	51	F	93	M	93	W	43	S	45	T	41	H	28	U	42	T
02	37	F	53	M	37	M	34	H	39	S	119	T	54	H	53	U	64	W	49	F	35	M	27	W
03	55	S	36	T	40	T	54	F	36	U	58	W	45	F	97	M	61	H	48	S	52	T	26	H
04	54	U	42	W	53	W	61	S	43	M	41	H	64	S	108	T	133	F	41	U	47	W	37	F
05	40	M	40	H	52	H	74	U	30	T	38	F	74	U	117	W	105	S	31	M	56	H	36	S
06	23	T	60	F	55	F	45	M	39	W	38	S	63	M	62	H	77	U	31	T	52	F	61	U
07	30	W	73	S	63	S	44	T	50	H	46	U	77	T	77	F	52	M	38	W	64	S	67	M
08	31	H	62	U	59	U	71	W	47	F	64	M	74	W	77	S	44	T	41	H	69	U	62	T
09	47	F	74	M	64	M	90	H	58	S	93	T	68	H	87	U	43	W	56	F	79	M	37	W
10	48	S	78	T	50	T	48	F	50	U	90	W	71	F	101	M	55	H	34	S	61	T	32	H
11	48	U	53	W	60	W	54	S	36	M	51	H	63	S	88	T	58	F	31	U	35	W	48	F
12	44	M	42	H	35	H	64	U	51	T	47	F	74	U	49	W	67	S	35	M	26	H	68	S
13	65	T	44	F	46	F	50	M	60	W	58	S	54	M	48	H	48	U	41	T	30	F	35	U
14	34	W	57	S	30	S	47	T	49	H	64	U	100	T	67	F	74	M	42	W	34	S	33	M
15	39	H	57	U	18	U	44	W	43	F	76	M	122	W	64	S	74	T	23	H	70	U	40	T
16	33	F	41	M	22	M	74	H	32	S	53	T	67	H	56	U	64	W	35	F	62	M	47	W
17	49	S	49	T	48	T	80	F	30	U	40	W	61	F	53	M	55	H	32	S	62	T	64	H
18	71	U	57	W	53	W	100	S	48	M	59	H	71	S	56	T	61	F	37	U	44	W	54	F
19	60	M	40	H	49	H	47	U	64	T	90	F	46	U	45	W	63	S	53	M	35	H	36	S
20	55	T	40	F	46	F	54	M	67	W	58	S	71	M	41	H	55	U	53	T	48	F	38	U
21	67	W	51	S	52	S	61	T	44	H	54	U	58	T	74	F	55	M	52	W	64	S	56	M
22	56	H	52	U	71	U	50	W	40	F	77	M	50	W	45	S	42	T	51	H	63	U	67	T
23	68	F	39	M	71	M	84	H	30	S	64	T	45	H	43	U	28	W	32	F	21	M	82	W
24	56	S	64	T	63	T	97	F	25	U	93	W	74	F	56	M	44	H	35	S	22	T	69	H
25	51	U	64	W	41	W	87	S	30	M	133	H	100	S	61	T	43	F	31	U	38	W	28	F
26	56	M	66	H	62	H	67	U	31	T	133	F	74	U	97	W	23	S	38	M	33	H	24	S
27	76	T	60	F	48	F	58	M	32	W	87	S	108	M	80	H	36	U	30	T	31	F	34	U
28	56	W	25	S	30	S	50	T	40	H	97	U	93	T	53	F	45	M	36	W	42	S	29	M
29	35	H			42	U	50	W	54	F	97	M	39	W	62	S	37	T	48	H	43	U	51	T
30	38	F			45	M	58	H	74	S	90	T	62	H	52	U	38	W	51	F	30	M	48	W
31	84	S			53	T			51	U			55	F	52	M			43	S			58	H

Week Day Codes:

F - Friday
S - Saturday
U - Sunday
M - Monday
T - Tuesday
W - Wednesday
H - Thursday

No. of Days with AQI Values

Good < or = 50 : 171
Moderate 51-100 : 184
Unhealthy for Sensitive Groups 101-150 : 10
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 133

Days CO = 0
Days O3 = 145
Days SO2 = 2
Days NO2 = 2
Days PM2.5 = 216
Days PM10 = 0

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
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May. 30, 2018

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

YEAR: 2010

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	41	F	79	M	43	M	87	H	59	S	48	T	84	H	54	U	101	W	46	F	43	M	29	W
02	33	S	54	T	35	T	122	F	67	U	58	W	87	F	56	M	101	H	44	S	29	T	43	H
03	32	U	51	W	60	W	93	S	53	M	77	H	97	S	59	T	101	F	39	U	30	W	56	F
04	36	M	63	H	42	H	87	U	71	T	62	F	115	U	61	W	74	S	34	M	25	H	59	S
05	35	T	40	F	42	F	87	M	100	W	51	S	93	M	52	H	47	U	34	T	51	F	44	U
06	34	W	29	S	45	S	71	T	129	H	45	U	100	T	71	F	64	M	43	W	45	S	32	M
07	45	H	56	U	47	U	71	W	126	F	54	M	164	W	80	S	101	T	71	H	46	U	41	T
08	66	F	57	M	71	M	53	H	61	S	101	T	169	H	75	U	62	W	64	F	47	M	43	W
09	41	S	62	T	101	T	48	F	44	U	59	W	177	F	105	M	100	H	105	S	47	T	55	H
10	53	U	53	W	65	W	64	S	50	M	45	H	61	S	126	T	100	F	90	U	55	W	77	F
11	64	M	43	H	44	H	87	U	48	T	126	F	93	U	97	W	62	S	90	M	54	H	64	S
12	45	T	40	F	35	F	108	M	55	W	122	S	52	M	108	H	52	U	112	T	42	F	28	U
13	66	W	48	S	45	S	108	T	67	H	63	U	52	T	105	F	54	M	87	W	58	S	30	M
14	77	H	54	U	37	U	54	W	87	F	54	M	61	W	53	S	115	T	42	H	63	U	31	T
15	85	F	37	M	37	M	84	H	71	S	87	T	119	H	34	U	90	W	43	F	71	M	41	W
16	92	S	40	T	34	T	100	F	58	U	126	W	84	F	39	M	64	H	40	S	55	T	59	H
17	31	U	35	W	46	W	67	S	49	M	71	H	45	S	44	T	108	F	50	U	38	W	60	F
18	36	M	37	H	51	H	61	U	39	T	112	F	40	U	54	W	93	S	47	M	66	H	60	S
19	41	T	47	F	77	F	45	M	47	W	97	S	46	M	43	H	122	U	74	T	56	F	57	U
20	52	W	57	S	93	S	57	T	58	H	77	U	56	T	44	F	119	M	66	W	61	S	53	M
21	50	H	73	U	53	U	56	W	55	F	140	M	61	W	59	S	108	T	48	H	71	U	59	T
22	24	F	62	M	33	M	93	H	53	S	105	T	126	H	61	U	112	W	44	F	55	M	64	W
23	32	S	63	T	44	T	97	F	64	U	151	W	93	F	67	M	133	H	60	S	38	T	52	H
24	32	U	42	W	61	W	58	S	44	M	87	H	67	S	56	T	90	F	48	U	35	W	47	F
25	36	M	43	H	70	H	49	U	31	T	84	F	84	U	74	W	74	S	28	M	60	H	71	S
26	29	T	41	F	42	F	44	M	54	W	101	S	77	M	80	H	45	U	34	T	30	F	38	U
27	49	W	40	S	44	S	42	T	90	H	97	U	51	T	67	F	29	M	38	W	33	S	37	M
28	45	H	34	U	43	U	44	W	77	F	69	M	87	W	62	S	42	T	36	H	53	U	49	T
29	33	F			44	M	77	H	61	S	71	T	77	H	56	U	31	W	44	F	49	M	54	W
30	38	S			46	T	93	F	44	U	57	W	93	F	84	M	39	H	41	S	30	T	81	H
31	55	U			50	W			28	M			69	S	93	T			53	U			93	F

Week Day Codes:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 141	Total Days	Days O3 = 187
S - Saturday	Moderate 51-100 : 186	with AQI Values : 365	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 34	Highest AQI/YR : 177	Days NO2 = 3
M - Monday	Unhealthy 151-200 : 4		Days PM2.5 = 175
T - Tuesday	Very Unhealthy 201-300 : 0		Days PM10 = 0
W - Wednesday	Hazardous > 301 : 0		
H - Thursday			

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

May. 30, 2018

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

YEAR: 2011

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	80	S	77	T	41	T	47	F	64	U	136	W	161	F	105	M	147	H	36	S	51	T	44	H
02	29	U	30	W	45	W	49	S	58	M	154	H	126	S	126	T	169	F	36	U	51	W	88	F
03	33	M	36	H	40	H	64	U	44	T	126	F	80	U	122	W	97	S	37	M	48	H	67	S
04	42	T	48	F	42	F	58	M	49	W	159	S	74	M	105	H	61	U	45	T	39	F	70	U
05	70	W	25	S	38	S	44	T	54	H	93	U	140	T	70	F	40	M	45	W	38	S	59	M
06	55	H	42	U	31	U	51	W	55	F	101	M	77	W	71	S	42	T	58	H	42	U	33	T
07	38	F	64	M	41	M	90	H	71	S	126	T	90	H	58	U	37	W	52	F	41	M	26	W
08	39	S	36	T	55	T	63	F	74	U	164	W	77	F	101	M	45	H	47	S	46	T	37	H
09	54	U	37	W	45	W	62	S	101	M	119	H	58	S	71	T	71	F	39	U	52	W	52	F
10	36	M	40	H	29	H	43	U	101	T	156	F	58	U	101	W	64	S	44	M	51	H	52	S
11	44	T	59	F	41	F	54	M	80	W	80	S	84	M	64	H	71	U	37	T	34	F	38	U
12	38	W	43	S	49	S	48	T	60	H	61	U	129	T	77	F	84	M	27	W	52	S	51	M
13	52	H	41	U	71	U	67	W	72	F	105	M	105	W	52	S	108	T	42	H	53	U	59	T
14	60	F	50	M	45	M	84	H	53	S	64	T	80	H	74	U	140	W	40	F	39	M	56	W
15	67	S	54	T	56	T	71	F	45	U	87	W	35	F	61	M	80	H	42	S	44	T	45	H
16	59	U	61	W	45	W	50	S	52	M	115	H	37	S	84	T	24	F	43	U	39	W	36	F
17	74	M	61	H	46	H	50	U	20	T	112	F	40	U	126	W	25	S	67	M	27	H	49	S
18	72	T	73	F	77	F	71	M	34	W	71	S	93	M	101	H	33	U	55	T	40	F	51	U
19	41	W	44	S	50	S	90	T	54	H	44	U	105	T	115	F	31	M	30	W	61	S	47	M
20	38	H	41	U	46	U	54	W	64	F	105	M	126	W	108	S	43	T	32	H	64	U	58	T
21	35	F	48	M	50	M	59	H	97	S	154	T	115	H	71	U	30	W	48	F	47	M	30	W
22	44	S	45	T	54	T	35	F	71	U	49	W	126	F	61	M	30	H	58	S	33	T	28	H
23	70	U	44	W	60	W	37	S	74	M	33	H	73	S	67	T	38	F	60	U	30	W	31	F
24	78	M	63	H	39	H	53	U	61	T	54	F	68	U	87	W	38	S	54	M	46	H	51	S
25	86	T	41	F	41	F	42	M	71	W	87	S	50	M	87	H	24	U	45	T	59	F	59	U
26	41	W	48	S	49	S	35	T	67	H	71	U	68	T	54	F	24	M	64	W	56	S	31	M
27	55	H	57	U	32	U	44	W	45	F	143	M	101	W	55	S	56	T	61	H	35	U	29	T
28	46	F	52	M	54	M	50	H	74	S	97	T	105	H	80	U	49	W	21	F	33	M	32	W
29	52	S			58	T	61	F	58	U	90	W	154	F	77	M	46	H	31	S	22	T	58	H
30	59	U			48	W	80	S	74	M	119	H	77	S	84	T	46	F	54	U	32	W	53	F
31	72	M			34	H			112	T			53	U	97	W			43	M			58	S

Week Day Codes:

F - Friday
 S - Saturday
 U - Sunday
 M - Monday
 T - Tuesday
 W - Wednesday
 H - Thursday

No. of Days with AQI Values

Good < or = 50 : 155
 Moderate 51-100 : 165
 Unhealthy for Sensitive Groups 101-150 : 37
 Unhealthy 151-200 : 8
 Very Unhealthy 201-300 : 0
 Hazardous > 301 : 0

Total Days
 with AQI Values : 365
 Highest AQI/YR : 169

Days CO = 0
 Days O3 = 202
 Days SO2 = 0
 Days NO2 = 4
 Days PM2.5 = 159
 Days PM10 = 0

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
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May. 30, 2018

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

YEAR: 2012

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	100	U	75	W	44	H	44	U	44	T	45	F	122	U	119	W	43	S	44	M	33	H	66	S
02	31	M	45	H	44	F	52	M	64	W	50	S	105	M	150	H	36	U	37	T	45	F	63	U
03	27	T	33	F	32	S	54	T	67	H	58	U	154	T	93	F	35	M	37	W	55	S	42	M
04	37	W	53	S	39	U	47	W	56	F	67	M	77	W	47	S	42	T	44	H	52	U	46	T
05	48	H	48	U	37	M	43	H	49	S	54	T	143	H	30	U	41	W	64	F	37	M	37	W
06	52	F	47	M	56	T	44	F	46	U	43	W	166	F	43	M	44	H	56	S	43	T	28	H
07	56	S	44	T	54	W	58	S	47	M	71	H	129	S	41	T	54	F	24	U	48	W	48	F
08	58	U	60	W	43	H	64	U	38	T	80	F	133	U	43	W	43	S	24	M	52	H	53	S
09	54	M	55	H	37	F	74	M	39	W	84	S	122	M	42	H	39	U	27	T	62	F	59	U
10	47	T	81	F	45	S	58	T	54	H	44	U	54	T	44	F	46	M	35	W	73	S	30	M
11	30	W	56	S	45	U	47	W	77	F	26	M	49	W	48	S	46	T	40	H	59	U	24	T
12	28	H	35	U	42	M	44	H	54	S	34	T	52	H	48	U	71	W	49	F	41	M	36	W
13	25	F	32	M	60	T	61	F	40	U	90	W	31	F	93	M	46	H	38	S	25	T	38	H
14	32	S	58	T	58	W	90	S	36	M	74	H	46	S	90	T	54	F	38	U	33	W	56	F
15	51	U	54	W	48	H	56	U	51	T	48	F	32	U	47	W	90	S	34	M	40	H	70	S
16	61	M	57	H	42	F	51	M	71	W	87	S	41	M	101	H	56	U	39	T	50	F	57	U
17	43	T	42	F	45	S	71	T	71	H	97	U	112	T	97	F	37	M	42	W	57	S	35	M
18	28	W	53	S	42	U	45	W	101	F	74	M	97	W	74	S	26	T	44	H	40	U	33	T
19	50	H	45	U	60	M	42	H	90	S	122	T	87	H	44	U	37	W	55	F	35	M	43	W
20	60	F	41	M	59	T	45	F	108	U	105	W	51	F	48	M	45	H	48	S	53	T	54	H
21	48	S	44	T	43	W	57	S	80	M	133	H	48	S	93	T	50	F	37	U	57	W	31	F
22	45	U	43	W	42	H	38	U	100	T	80	F	48	U	52	W	54	S	50	M	59	H	33	S
23	29	M	48	H	42	F	42	M	67	W	108	S	52	M	64	H	49	U	64	T	72	F	48	U
24	36	T	45	F	38	S	48	T	84	H	61	U	54	T	97	F	44	M	64	W	33	S	37	M
25	42	W	37	S	58	U	48	W	108	F	101	M	97	W	101	S	58	T	45	H	43	U	40	T
26	54	H	37	U	47	M	55	H	71	S	77	T	90	H	100	U	67	W	54	F	53	M	25	W
27	34	F	45	M	46	T	87	F	43	U	84	W	74	F	71	M	71	H	42	S	56	T	27	H
28	35	S	50	T	55	W	49	S	32	M	143	H	84	S	40	T	53	F	32	U	48	W	50	F
29	34	U	52	W	64	H	64	U	32	T	206	F	87	U	49	W	53	S	28	M	66	H	39	S
30	36	M			71	F	59	M	64	W	154	S	101	M	58	H	65	U	27	T	53	F	51	U
31	56	T			41	S			108	H			48	T	44	F			30	W			56	M

Week Day Codes:

F - Friday
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No. of Days with AQI Values

Good < or = 50 : 194
Moderate 51-100 : 146
Unhealthy for Sensitive Groups 101-150 : 22
Unhealthy 151-200 : 3
Very Unhealthy 201-300 : 1
Hazardous > 301 : 0

Total Days
with AQI Values : 366
Highest AQI/YR : 206

Days CO = 0
Days O3 = 201
Days SO2 = 0
Days NO2 = 0
Days PM2.5 = 165
Days PM10 = 0

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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May. 30, 2018

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YEAR: 2013

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	53	T	35	F	33	F	47	M	36	W	34	S	37	M	40	H	50	U	58	T	30	F	66	U
02	26	W	36	S	35	S	61	T	27	H	26	U	24	T	51	F	51	M	48	W	34	S	64	M
03	53	H	37	U	37	U	61	W	39	F	42	M	28	W	56	S	48	T	54	H	32	U	72	T
04	51	F	42	M	42	M	42	H	43	S	47	T	29	H	46	U	101	W	71	F	32	M	59	W
05	44	S	55	T	64	T	50	F	36	U	49	W	23	F	54	M	87	H	90	S	35	T	49	H
06	45	U	51	W	33	W	101	S	43	M	28	H	21	S	37	T	64	F	41	U	38	W	41	F
07	53	M	58	H	40	H	61	U	46	T	34	F	25	U	38	W	61	S	25	M	36	H	22	S
08	65	T	32	F	43	F	52	M	43	W	45	S	34	M	50	H	74	U	29	T	35	F	24	U
09	63	W	50	S	47	S	58	T	51	H	66	U	50	T	46	F	68	M	39	W	56	S	21	M
10	46	H	50	U	56	U	61	W	53	F	36	M	45	W	35	S	74	T	33	H	40	U	27	T
11	37	F	32	M	43	M	48	H	44	S	51	T	31	H	42	U	71	W	37	F	39	M	40	W
12	45	S	37	T	40	T	48	F	49	U	93	W	43	F	64	M	61	H	39	S	43	T	50	H
13	53	U	30	W	44	W	51	S	50	M	56	H	33	S	40	T	64	F	43	U	39	W	60	F
14	49	M	42	H	43	H	49	U	64	T	45	F	27	U	55	W	43	S	25	M	56	H	59	S
15	20	T	41	F	51	F	42	M	108	W	51	S	31	M	37	H	49	U	48	T	55	F	33	U
16	20	W	32	S	71	S	46	T	74	H	48	U	90	T	33	F	74	M	42	W	58	S	34	M
17	29	H	39	U	59	U	49	W	97	F	46	M	50	W	35	S	46	T	51	H	37	U	33	T
18	34	F	41	M	21	M	42	H	54	S	35	T	87	H	32	U	48	W	33	F	38	M	34	W
19	47	S	33	T	45	T	32	F	34	U	51	W	52	F	28	M	50	H	54	S	30	T	43	H
20	39	U	41	W	43	W	47	S	45	M	49	H	44	S	36	T	59	F	39	U	32	W	57	F
21	39	M	35	H	41	H	44	U	51	T	87	F	43	U	27	W	44	S	43	M	39	H	59	S
22	36	T	34	F	39	F	58	M	44	W	45	S	36	M	40	H	41	U	53	T	48	F	28	U
23	35	W	28	S	67	S	49	T	41	H	45	U	44	T	58	F	42	M	38	W	29	S	28	M
24	46	H	43	U	36	U	54	W	44	F	41	M	74	W	40	S	46	T	36	H	32	U	31	T
25	57	F	38	M	37	M	54	H	48	S	49	T	58	H	43	U	57	W	30	F	31	M	32	W
26	64	S	30	T	37	T	80	F	50	U	48	W	51	F	64	M	54	H	37	S	22	T	48	H
27	62	U	36	W	44	W	52	S	58	M	56	H	47	S	77	T	49	F	58	U	23	W	56	F
28	75	M	39	H	48	H	50	U	51	T	54	F	52	U	74	W	43	S	69	M	49	H	67	S
29	68	T			54	F	39	M	67	W	47	S	49	M	67	H	37	U	55	T	56	F	30	U
30	34	W			67	S	43	T	51	H	50	U	80	T	47	F	43	M	56	W	65	S	40	M
31	34	H			47	U			39	F			51	W	50	S			59	H			56	T

Week Day Codes:

F - Friday
S - Saturday
U - Sunday
M - Monday
T - Tuesday
W - Wednesday
H - Thursday

No. of Days with AQI Values

Good < or = 50 : 245
Moderate 51-100 : 117
Unhealthy for Sensitive Groups 101-150 : 3
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 108

Days CO = 0
Days O3 = 198
Days SO2 = 0
Days NO2 = 2
Days PM2.5 = 164
Days PM10 = 1

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

May. 30, 2018

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

YEAR: 2014

D A Y	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	78	W	66	S	62	S	64	T	47	H	47	U	51	T	53	F	46	M	61	W	27	S	43	M
02	51	H	48	U	72	U	87	W	50	F	54	M	73	W	31	S	54	T	69	H	37	U	41	T
03	35	F	25	M	45	M	58	H	61	S	90	T	46	H	47	U	71	W	37	F	42	M	48	W
04	39	S	27	T	36	T	52	F	71	U	67	W	59	F	54	M	40	H	35	S	50	T	54	H
05	53	U	27	W	37	W	71	S	80	M	61	H	50	S	77	T	36	F	35	U	54	W	49	F
06	32	M	54	H	51	H	44	U	93	T	80	F	48	U	115	W	39	S	44	M	33	H	51	S
07	32	T	65	F	34	F	34	M	105	W	58	S	61	M	80	H	40	U	44	T	28	F	36	U
08	53	W	67	S	44	S	45	T	84	H	46	U	71	T	72	F	27	M	43	W	43	S	28	M
09	47	H	53	U	49	U	64	W	55	F	74	M	50	W	48	S	31	T	44	H	61	U	26	T
10	30	F	36	M	48	M	67	H	44	S	48	T	46	H	27	U	32	W	54	F	61	M	25	W
11	27	S	59	T	59	T	90	F	53	U	39	W	58	F	32	M	43	H	46	S	58	T	46	H
12	33	U	52	W	58	W	108	S	67	M	42	H	101	S	41	T	47	F	21	U	53	W	39	F
13	31	M	40	H	43	H	49	U	53	T	51	F	58	U	61	W	36	S	33	M	37	H	53	S
14	29	T	43	F	45	F	41	M	49	W	87	S	64	M	64	H	39	U	31	T	39	F	57	U
15	29	W	41	S	61	S	36	T	29	H	84	U	49	T	71	F	42	M	36	W	50	S	61	M
16	27	H	49	U	60	U	46	W	49	F	64	M	58	W	66	S	41	T	27	H	72	U	68	T
17	35	F	55	M	31	M	51	H	51	S	90	T	74	H	64	U	52	W	36	F	28	M	31	W
18	31	S	56	T	31	T	41	F	44	U	84	W	58	F	57	M	52	H	44	S	32	T	36	H
19	35	U	61	W	25	W	44	S	61	M	100	H	50	S	46	T	56	F	32	U	36	W	45	F
20	35	M	55	H	44	H	61	U	54	T	67	F	50	U	74	W	53	S	38	M	46	H	54	S
21	52	T	33	F	46	F	74	M	77	W	58	S	27	M	84	H	48	U	44	T	39	F	52	U
22	35	W	41	S	72	S	67	T	87	H	50	U	31	T	58	F	41	M	30	W	60	S	45	M
23	38	H	45	U	63	U	71	W	87	F	52	M	45	W	44	S	29	T	38	H	56	U	27	T
24	32	F	41	M	47	M	64	H	74	S	39	T	43	H	31	U	26	W	41	F	33	M	22	W
25	32	S	37	T	37	T	48	F	50	U	50	W	50	F	46	M	21	H	47	S	37	T	33	H
26	45	U	34	W	42	W	61	S	54	M	90	H	61	S	51	T	24	F	45	U	30	W	56	F
27	40	M	41	H	49	H	74	U	54	T	61	F	56	U	54	W	46	S	45	M	27	H	53	S
28	31	T	77	F	46	F	58	M	77	W	43	S	45	M	105	H	48	U	60	T	42	F	33	U
29	55	W			32	S	63	T	80	H	41	U	49	T	71	F	45	M	43	W	50	S	22	M
30	65	H			43	U	41	W	47	F	45	M	67	W	46	S	45	T	41	H	38	U	30	T
31	66	F			50	M			41	S			58	H	40	U			47	F			68	W

Week Day Codes:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 213	Total Days	Days O3 = 208
S - Saturday	Moderate 51-100 : 147	with AQI Values : 365	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 5	Highest AQI/YR : 115	Days NO2 = 4
M - Monday	Unhealthy 151-200 : 0		Days PM2.5 = 153
T - Tuesday	Very Unhealthy 201-300 : 0		Days PM10 = 0
W - Wednesday	Hazardous > 301 : 0		
H - Thursday			

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

May. 30, 2018

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

YEAR: 2015

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	81	H	48	U	62	U	58	W	44	F	42	M	84	W	77	S	87	T	25	H	56	U	27	T
02	38	F	30	M	41	M	54	H	64	S	44	T	63	H	61	U	108	W	13	F	26	M	26	W
03	54	S	45	T	53	T	46	F	61	U	26	W	36	F	90	M	97	H	15	S	25	T	31	H
04	27	U	51	W	38	W	44	S	77	M	26	H	56	S	101	T	77	F	18	U	31	W	50	F
05	30	M	36	H	34	H	46	U	74	T	63	F	63	U	129	W	62	S	23	M	33	H	57	S
06	35	T	41	F	47	F	48	M	84	W	101	S	64	M	71	H	45	U	44	T	25	F	60	U
07	33	W	62	S	67	S	45	T	74	H	52	U	71	T	50	F	31	M	45	W	27	S	60	M
08	32	H	45	U	49	U	51	W	87	F	50	M	62	W	54	S	44	T	47	H	29	U	62	T
09	35	F	44	M	44	M	61	H	45	S	48	T	69	H	54	U	31	W	46	F	23	M	54	W
10	53	S	34	T	53	T	40	F	37	U	77	W	77	F	42	M	43	H	27	S	30	T	63	H
11	64	U	50	W	38	W	51	S	54	M	42	H	54	S	42	T	45	F	34	U	46	W	55	F
12	57	M	43	H	47	H	52	U	55	T	45	F	54	U	47	W	38	S	39	M	33	H	51	S
13	35	T	36	F	39	F	43	M	105	W	48	S	87	M	67	H	39	U	44	T	37	F	54	U
14	28	W	39	S	33	S	32	T	64	H	59	U	46	T	74	F	49	M	40	W	37	S	29	M
15	68	H	36	U	42	U	35	W	52	F	58	M	61	W	84	S	84	T	44	H	52	U	31	T
16	40	F	32	M	44	M	40	H	48	S	62	T	67	H	80	U	61	W	42	F	55	M	40	W
17	52	S	60	T	46	T	37	F	51	U	87	W	112	F	77	M	74	H	44	S	61	T	37	H
18	35	U	58	W	41	W	38	S	49	M	108	H	53	S	36	T	64	F	39	U	32	W	29	F
19	37	M	42	H	53	H	31	U	45	T	61	F	48	U	39	W	49	S	40	M	28	H	38	S
20	38	T	56	F	43	F	41	M	100	W	53	S	101	M	41	H	54	U	44	T	36	F	62	U
21	53	W	67	S	57	S	46	T	77	H	61	U	51	T	58	F	38	M	56	W	43	S	54	M
22	51	H	77	U	56	U	51	W	64	F	105	M	84	W	51	S	28	T	57	H	38	U	46	T
23	35	F	53	M	53	M	54	H	93	S	71	T	74	H	45	U	44	W	63	F	53	M	23	W
24	27	S	56	T	53	T	71	F	71	U	108	W	62	F	61	M	44	H	62	S	60	T	35	H
25	35	U	63	W	52	W	43	S	58	M	119	H	93	S	71	T	32	F	60	U	65	W	21	F
26	31	M	58	H	53	H	29	U	42	T	74	F	71	U	64	W	31	S	23	M	55	H	49	S
27	34	T	77	F	29	F	61	M	42	W	49	S	74	M	71	H	24	U	20	T	55	F	21	U
28	39	W	60	S	44	S	51	T	49	H	77	U	44	T	74	F	24	M	26	W	67	S	20	M
29	60	H			46	U	53	W	48	F	97	M	43	W	55	S	21	T	30	H	60	U	25	T
30	38	F			42	M	67	H	38	S	87	T	97	H	52	U	31	W	40	F	28	M	25	W
31	55	S			49	T			46	U			93	F	47	M			55	S			22	H

Week Day Codes:

F - Friday
S - Saturday
U - Sunday
M - Monday
T - Tuesday
W - Wednesday
H - Thursday

No. of Days with AQI Values

Good < or = 50 : 192
Moderate 51-100 : 162
Unhealthy for Sensitive Groups 101-150 : 11
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 129

Days CO = 0
Days O3 = 200
Days SO2 = 0
Days NO2 = 3
Days PM2.5 = 162
Days PM10 = 0

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

May. 30, 2018

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

YEAR: 2016

DAY	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week					
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC	Day
01	37	F	39	M	57	T	37	F	39	U	51	W	64	F	77	M	44	H	58	S	55	T	31	H
02	33	S	39	T	33	W	44	S	33	M	46	H	87	S	54	T	35	F	58	U	55	W	31	F
03	37	U	31	W	32	H	47	U	39	T	67	F	51	U	39	W	43	S	48	M	56	H	44	S
04	31	M	28	H	34	F	47	M	47	W	48	S	58	M	32	H	46	U	46	T	36	F	36	U
05	32	T	35	F	38	S	44	T	39	H	31	U	40	T	35	F	50	M	37	W	50	S	26	M
06	28	W	35	S	37	U	48	W	42	F	32	M	47	W	80	S	64	T	37	H	67	U	23	T
07	39	H	36	U	43	M	41	H	61	S	64	T	41	H	52	U	64	W	25	F	39	M	38	W
08	33	F	40	M	53	T	39	F	54	U	87	W	39	F	38	M	90	H	34	S	51	T	31	H
09	17	S	26	T	38	W	44	S	54	M	100	H	51	S	31	T	115	F	36	U	47	W	27	F
10	25	U	31	W	41	H	44	U	67	T	119	F	61	U	23	W	90	S	54	M	34	H	58	S
11	30	M	37	H	55	F	46	M	51	W	84	S	80	M	33	H	44	U	42	T	78	F	71	U
12	33	T	44	F	56	S	37	T	80	H	71	U	87	T	28	F	47	M	46	W	33	S	62	M
13	38	W	37	S	34	U	49	W	54	F	112	M	64	W	31	S	51	T	74	H	51	U	49	T
14	42	H	34	U	37	M	54	H	49	S	156	T	60	H	38	U	50	W	37	F	65	M	55	W
15	37	F	36	M	48	T	48	F	44	U	54	W	77	F	37	M	67	H	54	S	82	T	36	H
16	29	S	32	T	53	W	47	S	50	M	100	H	36	S	31	T	51	F	47	U	154	W	30	F
17	27	U	34	W	51	H	74	U	39	T	61	F	44	U	45	W	42	S	47	M	99	H	64	S
18	32	M	33	H	51	F	93	M	37	W	48	S	71	M	48	H	37	U	42	T	83	F	40	U
19	35	T	40	F	40	S	105	T	26	H	40	U	67	T	41	F	35	M	45	W	58	S	27	M
20	30	W	55	S	28	U	97	W	29	F	80	M	67	W	40	S	40	T	46	H	36	U	48	T
21	38	H	56	U	43	M	61	H	37	S	84	T	54	H	30	U	33	W	38	F	36	M	57	W
22	43	F	28	M	44	T	41	F	50	U	80	W	87	F	46	M	28	H	31	S	71	T	43	H
23	34	S	27	T	54	W	51	S	45	M	77	H	77	S	51	T	32	F	38	U	59	W	42	F
24	40	U	35	W	50	H	51	U	77	T	93	F	80	U	80	W	84	S	47	M	52	H	63	S
25	40	M	37	H	40	F	58	M	112	W	54	S	71	M	87	H	58	U	42	T	55	F	63	U
26	48	T	35	F	46	S	67	T	90	H	61	U	80	T	48	F	45	M	44	W	38	S	41	M
27	32	W	37	S	23	U	50	W	67	F	61	M	119	W	49	S	42	T	44	H	56	U	36	T
28	48	H	50	U	44	M	49	H	61	S	47	T	50	H	50	U	44	W	55	F	52	M	36	W
29	36	F	55	M	44	T	80	F	39	U	87	W	77	F	61	M	44	H	60	S	30	T	37	H
30	35	S			48	W	58	S	36	M	58	H	61	S	74	T	45	F	60	U	26	W	33	F
31	43	U			40	H			43	T			58	U	80	W			58	M			46	S

Week Day Codes:

F - Friday
S - Saturday
U - Sunday
M - Monday
T - Tuesday
W - Wednesday
H - Thursday

No. of Days with AQI Values

Good < or = 50 : 228
Moderate 51-100 : 130
Unhealthy for Sensitive Groups 101-150 : 6
Unhealthy 151-200 : 2
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 366
Highest AQI/YR : 156

Days CO = 0
Days O3 = 248
Days SO2 = 0
Days NO2 = 7
Days PM2.5 = 111
Days PM10 = 0

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

May. 30, 2018

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

YEAR: 2017

	Week		Week		Week		Week		Week		Week		Week		Week		Week		Week				
	JAN	Day	FEB	Day	MAR	Day	APR	Day	MAY	Day	JUN	Day	JUL	Day	AUG	Day	SEP	Day	OCT	Day	NOV	Day	DEC
D	01	45 U	56 W	54 W	48 S	35 M	80 H	31 S	64 T	29 F	36 U	56 W	60 F										
A	02	22 M	56 H	42 H	45 U	50 T	80 F	51 U	93 W	39 S	44 M	39 H	57 S										
Y	03	22 T	37 F	43 F	43 M	84 W	90 S	46 M	87 H	43 U	46 T	56 F	68 U										
	04	25 W	38 S	43 S	50 T	46 H	51 U	68 T	46 F	55 M	49 W	48 S	63 M										
	05	30 H	51 U	60 U	54 W	35 F	26 M	55 W	51 S	54 T	51 H	51 U	53 T										
	06	38 F	53 M	58 M	38 H	44 S	47 T	37 H	64 U	30 W	53 F	55 M	28 W										
O	07	33 S	57 T	49 T	44 F	44 U	44 W	45 F	45 M	44 H	30 S	62 T	41 H										
F	08	38 U	35 W	47 W	61 S	77 M	45 H	44 S	36 T	41 F	36 U	20 W	46 F										
	09	54 M	37 H	51 H	71 U	54 T	67 F	45 U	45 W	43 S	25 M	17 H	28 S										
	10	46 T	35 F	46 F	58 M	97 W	80 S	51 M	58 H	29 U	45 T	38 F	40 U										
M	11	40 W	50 S	40 S	58 T	70 H	50 U	64 T	38 F	23 M	42 W	52 S	43 M										
O	12	34 H	54 U	41 U	58 W	43 F	49 M	67 W	39 S	24 T	54 H	48 U	32 T										
N	13	46 F	42 M	45 M	84 H	31 S	46 T	74 H	41 U	37 W	25 F	30 M	33 W										
T	14	41 S	63 T	37 T	52 F	61 U	93 W	71 F	54 M	52 H	40 S	45 T	41 H										
H	15	57 U	48 W	42 W	50 S	77 M	100 H	46 S	42 T	45 F	50 U	54 W	53 F										
	16	62 M	40 H	46 H	52 U	115 T	50 F	48 U	61 W	45 S	32 M	47 H	59 S										
	17	51 T	42 F	74 F	51 M	64 W	43 S	45 M	64 H	42 U	37 T	41 F	68 U										
	18	36 W	55 S	58 S	45 T	51 H	36 U	64 T	47 F	50 M	41 W	49 S	58 M										
	19	33 H	49 U	37 U	42 W	49 F	35 M	87 W	50 S	54 T	46 H	27 U	47 T										
	20	49 F	55 M	46 M	56 H	52 S	45 T	105 H	58 U	56 W	58 F	36 M	38 W										
	21	53 S	62 T	61 T	54 F	60 U	32 W	115 F	60 M	54 H	66 S	52 T	45 H										
	22	23 U	59 W	45 W	50 S	41 M	27 H	67 S	54 T	55 F	52 U	47 W	53 F										
	23	33 M	52 H	48 H	22 U	37 T	55 F	53 U	48 W	58 S	30 M	58 H	38 S										
	24	31 T	42 F	49 F	21 M	36 W	31 S	54 M	48 H	45 U	38 T	73 F	22 U										
	25	33 W	44 S	44 S	28 T	41 H	39 U	80 T	61 F	48 M	39 W	80 S	31 M										
	26	39 H	41 U	39 U	48 W	71 F	64 M	57 W	55 S	42 T	39 H	43 U	32 T										
	27	31 F	50 M	41 M	61 H	61 S	47 T	52 H	48 U	61 W	46 F	51 M	43 W										
	28	38 S	56 T	49 T	59 F	47 U	67 W	54 F	45 M	115 H	41 S	66 T	39 H										
	29	37 U		64 W	64 S	58 M	58 H	47 S	31 T	48 F	25 U	62 W	59 F										
	30	38 M		50 H	32 U	45 T	27 F	46 U	64 W	47 S	36 M	71 H	61 S										
	31	42 T		45 F		61 W		67 M	25 H		47 T		33 U										

<u>Week Day Codes:</u>	<u>No. of Days with AQI Values</u>		<u>Days CO = 0</u>
F - Friday	Good < or = 50 : 218	Total Days	Days O3 = 200
S - Saturday	Moderate 51-100 : 143	with AQI Values : 365	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 4	Highest AQI/YR : 115	Days NO2 = 0
M - Monday	Unhealthy 151-200 : 0		Days PM2.5 = 165
T - Tuesday	Very Unhealthy 201-300 : 0		Days PM10 = 0
W - Wednesday	Hazardous > 301 : 0		
H - Thursday			