

User ID: XJLSTEGER

AIR QUALITY SUMMARY REPORT

Report Request ID: 1763565

Report Code: AMP410S

Jul. 18, 2019

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
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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	2018 12 31

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

Jul. 18, 2019

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
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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:

F - Friday
S - Saturday
U - Sunday
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H - Thursday

No. of Days with AQI Values

Good < or = 50 : 141
Moderate 51-100 : 186
Unhealthy for Sensitive Groups 101-150 : 34
Unhealthy 151-200 : 4
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 177

Days CO = 0
Days O3 = 187
Days SO2 = 0
Days NO2 = 3
Days PM2.5 = 175
Days PM10 = 0

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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

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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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H - Thursday

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

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YEAR: 2013

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	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

Jul. 18, 2019

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

YEAR: 2014

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	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:

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

No. of Days with AQI Values

Good < or = 50 : 213
Moderate 51-100 : 147
Unhealthy for Sensitive Groups 101-150 : 5
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 115

Days CO = 0
Days O3 = 208
Days SO2 = 0
Days NO2 = 4
Days PM2.5 = 153
Days PM10 = 0

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

Jul. 18, 2019

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

Jul. 18, 2019

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

YEAR: 2016

	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	37 F	39 M	57 T	37 F	39 U	51 W	64 F	77 M	44 H	58 S	55 T	31 H										
A	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										
Y	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										
O	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										
F	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										
M	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										
O	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										
N	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										
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										
H	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	Total Days	
Moderate 51-100 :	130	with AQI Values :	366
Unhealthy for Sensitive Groups 101-150 :	6	Highest AQI/YR :	156
Unhealthy 151-200 :	2		
Very Unhealthy 201-300 :	0		
Hazardous > 301 :	0		

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

Jul. 18, 2019

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

YEAR: 2017

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	45	U	56	W	54	W	48	S	35	M	80	H	31	S	64	T	29	F	36	U	56	W	60	F
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
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
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
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
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
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
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
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
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

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 : 218
Moderate 51-100 : 143
Unhealthy for Sensitive Groups 101-150 : 4
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 115

Days CO = 0
Days O3 = 200
Days SO2 = 0
Days NO2 = 0
Days PM2.5 = 165
Days PM10 = 0

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

Jul. 18, 2019

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

YEAR: 2018

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	33	M	52	H	38	H	51	U	74	T	64	F	39	U	29	W	42	S	46	M	38	H	52	S
02	45	T	34	F	45	F	54	M	74	W	46	S	42	M	28	H	34	U	58	T	23	F	27	U
03	59	W	34	S	44	S	54	T	61	H	54	U	61	T	25	F	35	M	61	W	42	S	31	M
04	39	H	32	U	47	U	45	W	67	F	101	M	62	W	44	S	41	T	54	H	48	U	19	T
05	35	F	31	M	46	M	50	H	49	S	97	T	37	H	40	U	49	W	55	F	33	M	23	W
06	40	S	45	T	63	T	58	F	48	U	101	W	45	F	50	M	44	H	59	S	23	T	42	H
07	47	U	32	W	36	W	41	S	71	M	74	H	36	S	54	T	50	F	56	U	35	W	54	F
08	60	M	33	H	42	H	46	U	71	T	84	F	61	U	48	W	45	S	40	M	42	H	60	S
09	61	T	57	F	45	F	44	M	97	W	61	S	74	M	61	H	29	U	30	T	35	F	30	U
10	53	W	56	S	77	S	47	T	67	H	71	U	67	T	56	F	44	M	22	W	34	S	34	M
11	48	H	22	U	79	U	51	W	101	F	74	M	122	W	46	S	38	T	26	H	45	U	49	T
12	33	F	32	M	38	M	61	H	105	S	31	T	80	H	44	U	3	W	38	F	55	M	52	W
13	34	S	33	T	45	T	67	F	105	U	47	W	54	F	58	M			35	S	32	T	58	H
14	31	U	38	W	45	W	49	S	105	M	84	H	57	S	53	T			32	U	35	W	52	F
15	43	M	25	H	54	H	36	U	28	T	97	F	52	U	84	W			41	M	23	H	19	S
16	68	T	34	F	84	F	35	M	44	W	84	S	51	M	64	H			44	T	28	F	28	U
17	44	W	33	S	55	S	54	T	32	H	84	U	48	T	34	F			35	W	56	S	35	M
18	40	H	36	U	44	U	77	W	33	F	90	M	77	W	31	S	33	T	42	H	74	U	36	T
19	52	F	49	M	45	M	51	H	41	S	100	T	48	H	35	U	47	W	45	F	62	M	58	W
20	45	S	44	T	32	T	71	F	41	U	64	W	51	F	39	M	64	H	42	S	40	T	43	H
21	54	U	28	W	34	W	90	S	46	M	53	H	64	S	31	T	54	F	32	U	38	W	32	F
22	64	M	40	H	46	H	54	U	35	T	54	F	48	U	43	W	52	S	37	M	55	H	25	S
23	36	T	47	F	51	F	44	M	42	W	44	S	42	M	54	H	55	U	43	T	40	F	56	U
24	30	W	52	S	47	S	39	T	40	H	43	U	45	T	48	F	35	M	52	W	24	S	46	M
25	32	H	35	U	44	U	44	W	28	F	67	M	42	W	74	S	42	T	41	H	31	U	81	T
26	58	F	30	M	46	M	40	H	30	S	41	T	64	H	64	U	38	W	28	F	27	M	61	W
27	59	S	42	T	48	T	48	F	26	U	49	W	84	F	108	M	30	H	25	S	27	T	52	H
28	50	U	52	W	48	W	74	S	20	M	49	H	58	S	77	T	25	F	38	U	36	W	27	F
29	26	M			58	H	47	U	25	T	58	F	46	U	74	W	34	S	38	M	51	H	34	S
30	31	T			42	F	64	M	32	W	52	S	44	M	71	H	37	U	42	T	52	F	38	U
31	31	W			49	S			39	H			38	T	48	F			46	W			33	M

<u>Week Day Codes:</u>	<u>No. of Days with AQI Values</u>		<u>Total Days with AQI Values : 360</u>		<u>Days CO = 1</u>
F - Friday	Good < or = 50 :	228			Days O3 = 211
S - Saturday	Moderate 51-100 :	124			Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 :	8			Days NO2 = 1
M - Monday	Unhealthy 151-200 :	0	Highest AQI/YR : 122		Days PM2.5 = 146
T - Tuesday	Very Unhealthy 201-300 :	0			Days PM10 = 1
W - Wednesday	Hazardous > 301 :	0			
H - Thursday					