

User ID: XJLSTEGER

AIR QUALITY SUMMARY REPORT

Report Request ID: 1657094

Report Code: AMP410S

May. 30, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
37									39580		

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	2017 12 31

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

May. 30, 2018

MSA: Raleigh-Durham-Chapel Hill, NC

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	31	H	50	U	25	U	45	W	53	F	74	M	61	W	54	S	44	T	36	H	19	U	34	T
02	46	F	54	M	37	M	34	H	43	S	101	T	49	H	52	U	37	W	43	F	41	M	29	W
03	53	S	32	T	37	T	54	F	40	U	60	W	43	F	58	M	43	H	47	S	49	T	26	H
04	73	U	38	W	51	W	54	S	44	M	42	H	56	S	54	T	112	F	37	U	52	W	39	F
05	47	M	37	H	50	H	54	U	28	T	28	F	77	U	80	W	108	S	34	M	53	H	25	S
06	22	T	62	F	43	F	44	M	34	W	35	S	56	M	44	H	58	U	27	T	38	F	54	U
07	28	W	75	S	81	S	44	T	40	H	40	U	93	T	68	F	30	M	38	W	60	S	64	M
08	28	H	58	U	67	U	49	W	51	F	49	M	100	W	77	S	30	T	36	H	66	U	55	T
09	39	F	53	M	51	M	77	H	54	S	52	T	53	H	76	U	61	W	48	F	71	M	36	W
10	38	S	57	T	41	T	48	F	44	U	58	W	50	F	67	M	37	H	33	S	60	T	30	H
11	38	U	53	W	56	W	51	S	33	M	62	H	55	S	84	T	46	F	30	U	30	W	32	F
12	49	M	41	H	34	H	51	U	54	T	48	F	64	U	45	W	51	S	35	M	25	H	56	S
13	59	T	39	F	28	F	43	M	54	W	54	S	54	M	36	H	36	U	38	T	22	F	29	U
14	43	W	52	S	21	S	36	T	39	H	69	U	80	T	52	F	64	M	37	W	25	S	35	M
15	43	H	54	U	19	U	32	W	34	F	72	M	97	W	45	S	62	T	17	H	45	U	51	T
16	31	F	46	M	24	M	58	H	30	S	44	T	68	H	53	U	69	W	17	F	56	M	32	W
17	33	S	40	T	33	T	77	F	31	U	41	W	47	F	55	M	42	H	19	S	72	T	48	H
18	52	U	55	W	41	W	97	S	46	M	60	H	50	S	62	T	31	F	24	U	40	W	48	F
19	60	M	35	H	45	H	52	U	49	T	70	F	48	U	48	W	52	S	44	M	22	H	34	S
20	57	T	33	F	44	F	47	M	45	W	67	S	51	M	56	H	40	U	55	T	41	F	54	U
21	69	W	45	S	43	S	48	T	48	H	56	U	64	T	48	F	42	M	53	W	55	S	48	M
22	72	H	47	U	47	U	47	W	34	F	53	M	50	W	39	S	23	T	50	H	55	U	56	T
23	67	F	39	M	55	M	87	H	31	S	51	T	49	H	34	U	26	W	29	F	26	M	68	W
24	54	S	34	T	42	T	97	F	33	U	67	W	77	F	49	M	35	H	26	S	15	T	56	H
25	36	U	46	W	34	W	67	S	32	M	93	H	58	S	67	T	48	F	29	U	33	W	29	F
26	38	M	56	H	43	H	54	U	22	T	93	F	64	U	64	W	20	S	34	M	51	H	25	S
27	58	T	51	F	40	F	74	M	28	W	90	S	57	M	84	H	32	U	22	T	27	F	39	U
28	36	W	29	S	31	S	46	T	47	H	74	U	67	T	34	F	60	M	30	W	45	S	28	M
29	34	H			44	U	48	W	45	F	87	M	51	W	62	S	36	T	49	H	52	U	32	T
30	44	F			44	M	51	H	50	S	93	T	59	H	57	U	32	W	45	F	38	M	33	W
31	41	S			48	T			54	U			43	F	54	M			28	S			63	H

Week Day Codes:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 215	Total Days	Days O3 = 140
S - Saturday	Moderate 51-100 : 147	with AQI Values : 365	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 3	Highest AQI/YR : 112	Days NO2 = 0
M - Monday	Unhealthy 151-200 : 0		Days PM2.5 = 225
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: Raleigh-Durham-Chapel Hill, NC

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	45	F	72	M	35	M	90	H	54	S	34	T	90	H	35	U	93	W	42	F	34	M	25	W
02	32	S	50	T	40	T	112	F	62	U	55	W	74	F	44	M	56	H	39	S	31	T	39	H
03	31	U	51	W	36	W	76	S	54	M	56	H	61	S	51	T	97	F	31	U	24	W	38	F
04	32	M	60	H	38	H	67	U	43	T	76	F	80	U	56	W	49	S	34	M	21	H	45	S
05	38	T	40	F	37	F	61	M	100	W	51	S	80	M	41	H	44	U	35	T	52	F	33	U
06	28	W	32	S	39	S	67	T	101	H	48	U	143	T	77	F	58	M	37	W	23	S	31	M
07	40	H	37	U	53	U	61	W	108	F	49	M	140	W	71	S	54	T	67	H	35	U	29	T
08	51	F	52	M	58	M	44	H	61	S	58	T	143	H	71	U	44	W	50	F	42	M	35	W
09	43	S	52	T	67	T	47	F	43	U	60	W	112	F	72	M	101	H	84	S	57	T	38	H
10	33	U	41	W	88	W	64	S	51	M	71	H	52	S	67	T	77	F	87	U	45	W	57	F
11	56	M	35	H	75	H	71	U	44	T	90	F	54	U	64	W	38	S	64	M	30	H	62	S
12	57	T	38	F	32	F	90	M	51	W	71	S	54	M	80	H	43	U	77	T	34	F	38	U
13	69	W	41	S	42	S	74	T	53	H	55	U	45	T	50	F	67	M	60	W	34	S	31	M
14	92	H	52	U	38	U	47	W	61	F	54	M	50	W	34	S	100	T	39	H	48	U	31	T
15	85	F	51	M	31	M	67	H	52	S	84	T	90	H	38	U	80	W	41	F	59	M	38	W
16	83	S	41	T	32	T	100	F	47	U	62	W	60	F	46	M	71	H	36	S	29	T	64	H
17	52	U	32	W	43	W	56	S	44	M	71	H	45	S	44	T	74	F	43	U	36	W	60	F
18	33	M	33	H	44	H	50	U	31	T	84	F	45	U	35	W	77	S	45	M	39	H	55	S
19	49	T	44	F	61	F	43	M	35	W	60	S	51	M	31	H	80	U	64	T	53	F	64	U
20	68	W	40	S	74	S	58	T	49	H	60	U	57	T	53	F	90	M	59	W	67	S	45	M
21	50	H	59	U	56	U	54	W	71	F	93	M	57	W	74	S	64	T	55	H	77	U	58	T
22	25	F	67	M	38	M	100	H	48	S	93	T	97	H	45	U	55	W	36	F	69	M	64	W
23	48	S	58	T	37	T	75	F	41	U	80	W	65	F	48	M	108	H	44	S	40	T	29	H
24	30	U	55	W	54	W	73	S	27	M	87	H	66	S	44	T	80	F	44	U	31	W	40	F
25	34	M	46	H	68	H	52	U	30	T	101	F	58	U	42	W	49	S	27	M	44	H	66	S
26	27	T	35	F	46	F	45	M	43	W	64	S	67	M	93	H	44	U	25	T	27	F	42	U
27	38	W	33	S	38	S	44	T	100	H	60	U	38	T	67	F	20	M	34	W	31	S	33	M
28	44	H	32	U	39	U	44	W	67	F	54	M	47	W	57	S	44	T	29	H	36	U	29	T
29	34	F			40	M	54	H	42	S	71	T	67	H	56	U	25	W	29	F	38	M	48	W
30	28	S			44	T	77	F	51	U	57	W	77	F	97	M	24	H	35	S	31	T	68	H
31	60	U			46	W			38	M			53	S	108	T			54	U			78	F

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 : 180
 Moderate 51-100 : 174
 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 : 143

Days CO = 0
 Days O3 = 183
 Days SO2 = 0
 Days NO2 = 0
 Days PM2.5 = 182
 Days PM10 = 0

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 AIR QUALITY SYSTEM
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May. 30, 2018

MSA: Raleigh-Durham-Chapel Hill, NC

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	67	S	60	T	38	T	50	F	46	U	156	W	129	F	101	M	112	H	29	S	34	T	29	H
02	25	U	21	W	45	W	48	S	51	M	147	H	105	S	108	T	77	F	33	U	55	W	55	F
03	35	M	31	H	37	H	54	U	50	T	115	F	81	U	112	W	64	S	32	M	47	H	52	S
04	55	T	40	F	38	F	54	M	44	W	112	S	66	M	108	H	48	U	34	T	40	F	48	U
05	52	W	28	S	35	S	41	T	44	H	84	U	80	T	47	F	30	M	40	W	29	S	45	M
06	53	H	43	U	29	U	50	W	51	F	115	M	70	W	45	S	21	T	37	H	30	U	23	T
07	51	F	62	M	40	M	74	H	54	S	108	T	67	H	67	U	43	W	41	F	29	M	25	W
08	34	S	37	T	38	T	65	F	47	U	129	W	58	F	74	M	93	H	44	S	52	T	28	H
09	35	U	35	W	31	W	44	S	64	M	112	H	48	S	77	T	53	F	37	U	43	W	42	F
10	37	M	39	H	29	H	36	U	80	T	115	F	67	U	93	W	54	S	44	M	37	H	34	S
11	47	T	59	F	35	F	45	M	77	W	67	S	67	M	74	H	54	U	45	T	37	F	31	U
12	43	W	44	S	47	S	46	T	58	H	50	U	105	T	72	F	87	M	28	W	47	S	30	M
13	40	H	53	U	56	U	46	W	40	F	67	M	122	W	56	S	90	T	27	H	46	U	39	T
14	54	F	44	M	45	M	77	H	41	S	58	T	50	H	44	U	80	W	37	F	36	M	51	W
15	65	S	30	T	40	T	67	F	58	U	67	W	43	F	51	M	58	H	40	S	26	T	35	H
16	57	U	67	W	38	W	41	S	44	M	90	H	41	S	97	T	22	F	42	U	24	W	28	F
17	63	M	63	H	38	H	45	U	37	T	97	F	47	U	58	W	19	S	51	M	28	H	28	S
18	54	T	60	F	58	F	67	M	44	W	93	S	54	M	74	H	37	U	53	T	43	F	55	U
19	46	W	43	S	49	S	87	T	46	H	46	U	97	T	64	F	31	M	27	W	62	S	52	M
20	35	H	39	U	39	U	48	W	54	F	58	M	100	W	74	S	31	T	20	H	56	U	63	T
21	33	F	40	M	50	M	40	H	67	S	153	T	108	H	45	U	27	W	36	F	56	M	31	W
22	46	S	26	T	57	T	38	F	64	U	46	W	101	F	61	M	30	H	38	S	70	T	26	H
23	73	U	47	W	53	W	44	S	57	M	40	H	67	S	54	T	15	F	47	U	29	W	25	F
24	59	M	51	H	38	H	52	U	54	T	67	F	54	U	47	W	30	S	55	M	36	H	25	S
25	68	T	36	F	47	F	39	M	77	W	74	S	44	M	67	H	23	U	44	T	59	F	47	U
26	25	W	41	S	50	S	24	T	62	H	87	U	53	T	34	F	30	M	58	W	51	S	30	M
27	54	H	64	U	38	U	33	W	38	F	54	M	101	W	34	S	39	T	65	H	32	U	26	T
28	60	F	35	M	51	M	39	H	35	S	61	T	84	H	66	U	45	W	22	F	31	M	21	W
29	48	S			60	T	54	F	38	U	74	W	108	F	87	M	47	H	28	S	30	T	38	H
30	58	U			39	W	54	S	55	M	112	H	100	S	39	T	45	F	41	U	20	W	37	F
31	64	M			27	H			97	T			39	U	51	W			26	M			34	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 : 202
 Moderate 51-100 : 139
 Unhealthy for Sensitive Groups 101-150 : 22
 Unhealthy 151-200 : 2
 Very Unhealthy 201-300 : 0
 Hazardous > 301 : 0

Total Days
 with AQI Values : 365
 Highest AQI/YR : 156

Days CO = 0
 Days O3 = 203
 Days SO2 = 0
 Days NO2 = 0
 Days PM2.5 = 162
 Days PM10 = 0

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 AIR QUALITY SYSTEM
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May. 30, 2018

MSA: Raleigh-Durham-Chapel Hill, NC

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	64	U	64	W	39	H	39	U	42	T	42	F	84	U	71	W	42	S	48	M	32	H	76	S
02	31	M	38	H	57	F	45	M	48	W	44	S	122	M	58	H	36	U	25	T	50	F	71	U
03	26	T	37	F	21	S	54	T	59	H	51	U	122	T	71	F	50	M	41	W	36	S	51	M
04	36	W	46	S	37	U	46	W	50	F	80	M	70	W	45	S	35	T	39	H	41	U	59	T
05	53	H	26	U	33	M	38	H	39	S	40	T	100	H	18	U	42	W	51	F	51	M	46	W
06	53	F	43	M	33	T	43	F	39	U	37	W	115	F	28	M	36	H	60	S	55	T	37	H
07	61	S	35	T	32	W	51	S	44	M	51	H	126	S	27	T	40	F	27	U	38	W	35	F
08	38	U	48	W	30	H	58	U	44	T	80	F	84	U	41	W	52	S	31	M	46	H	59	S
09	37	M	44	H	30	F	54	M	36	W	71	S	87	M	67	H	38	U	23	T	51	F	60	U
10	41	T	63	F	39	S	58	T	46	H	54	U	47	T	63	F	44	M	58	W	74	S	38	M
11	32	W	50	S	38	U	41	W	64	F	32	M	48	W	38	S	48	T	42	H	67	U	31	T
12	28	H	31	U	36	M	41	H	71	S	29	T	44	H	50	U	46	W	55	F	49	M	33	W
13	24	F	29	M	41	T	50	F	45	U	51	W	29	F	54	M	43	H	34	S	25	T	50	H
14	25	S	48	T	41	W	80	S	36	M	36	H	34	S	80	T	35	F	35	U	47	W	54	F
15	44	U	32	W	42	H	47	U	41	T	39	F	24	U	63	W	59	S	29	M	53	H	54	S
16	44	M	35	H	45	F	45	M	47	W	50	S	42	M	100	H	29	U	40	T	57	F	52	U
17	29	T	43	F	38	S	74	T	46	H	47	U	101	T	105	F	32	M	50	W	52	S	30	M
18	28	W	48	S	32	U	45	W	61	F	54	M	61	W	64	S	23	T	40	H	42	U	30	T
19	25	H	38	U	53	M	34	H	58	S	64	T	51	H	43	U	30	W	42	F	33	M	51	W
20	54	F	35	M	35	T	45	F	51	U	87	W	48	F	44	M	43	H	52	S	45	T	47	H
21	36	S	38	T	26	W	46	S	39	M	80	H	55	S	58	T	51	F	35	U	56	W	21	F
22	43	U	48	W	34	H	37	U	49	T	74	F	44	U	57	W	54	S	48	M	54	H	33	S
23	67	M	30	H	33	F	30	M	47	W	68	S	46	M	54	H	45	U	55	T	59	F	35	U
24	40	T	46	F	34	S	48	T	53	H	61	U	51	T	51	F	44	M	62	W	28	S	52	M
25	33	W	35	S	34	U	46	W	41	F	54	M	64	W	43	S	50	T	48	H	48	U	38	T
26	39	H	33	U	44	M	50	H	25	S	43	T	67	H	46	U	51	W	57	F	61	M	34	W
27	32	F	52	M	41	T	52	F	22	U	54	W	46	F	23	M	67	H	33	S	77	T	29	H
28	29	S	34	T	59	W	42	S	27	M	105	H	58	S	40	T	55	F	35	U	58	W	41	F
29	31	U	30	W	47	H	37	U	28	T	177	F	67	U	50	W	48	S	20	M	63	H	41	S
30	31	M			41	F	58	M	39	W	119	S	43	M	58	H	50	U	23	T	71	F	45	U
31	60	T			48	S			87	H			48	T	47	F			23	W			57	M

Week Day Codes:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 240	Total Days	Days O3 = 183
S - Saturday	Moderate 51-100 : 117	with AQI Values : 366	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 8	Highest AQI/YR : 177	Days NO2 = 0
M - Monday	Unhealthy 151-200 : 1		Days PM2.5 = 183
T - Tuesday	Very Unhealthy 201-300 : 0		Days PM10 = 0
W - Wednesday	Hazardous > 301 : 0		
H - Thursday			

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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	59	T	33	F	33	F	47	M	35	W	31	S	24	M	34	H	52	U	46	T	25	F	68	U
02	49	W	37	S	38	S	58	T	36	H	29	U	24	T	71	F	39	M	52	W	34	S	72	M
03	69	H	39	U	37	U	61	W	43	F	27	M	22	W	52	S	55	T	56	H	38	U	74	T
04	32	F	38	M	46	M	72	H	36	S	47	T	38	H	39	U	54	W	58	F	30	M	67	W
05	26	S	64	T	69	T	47	F	44	U	77	W	31	F	47	M	58	H	59	S	36	T	61	H
06	19	U	63	W	31	W	64	S	35	M	37	H	27	S	45	T	47	F	31	U	38	W	44	F
07	51	M	62	H	46	H	67	U	43	T	19	F	25	U	44	W	51	S	23	M	36	H	30	S
08	17	T	33	F	40	F	57	M	40	W	41	S	30	M	43	H	48	U	33	T	37	F	40	U
09	58	W	52	S	43	S	59	T	46	H	49	U	38	T	47	F	49	M	25	W	52	S	35	M
10	50	H	51	U	48	U	59	W	67	F	19	M	38	W	40	S	59	T	41	H	52	U	26	T
11	54	F	34	M	40	M	51	H	54	S	46	T	28	H	40	U	46	W	19	F	47	M	52	W
12	59	S	35	T	35	T	40	F	45	U	53	W	29	F	51	M	49	H	15	S	45	T	54	H
13	54	U	30	W	41	W	54	S	47	M	58	H	21	S	32	T	48	F	23	U	35	W	69	F
14	53	M	43	H	40	H	47	U	64	T	45	F	16	U	49	W	36	S	26	M	60	H	58	S
15	30	T	54	F	55	F	44	M	97	W	51	S	25	M	31	H	39	U	33	T	62	F	28	U
16	24	W	28	S	69	S	53	T	74	H	42	U	48	T	35	F	45	M	31	W	67	S	19	M
17	22	H	35	U	67	U	55	W	74	F	42	M	77	W	29	S	39	T	52	H	57	U	27	T
18	37	F	53	M	40	M	42	H	71	S	38	T	80	H	25	U	39	W	40	F	33	M	43	W
19	63	S	35	T	43	T	41	F	41	U	45	W	52	F	20	M	44	H	55	S	33	T	53	H
20	40	U	34	W	38	W	42	S	33	M	50	H	28	S	25	T	44	F	37	U	38	W	55	F
21	36	M	90	H	40	H	48	U	44	T	45	F	34	U	20	W	43	S	38	M	40	H	60	S
22	32	T	51	F	52	F	43	M	38	W	25	S	40	M	49	H	36	U	62	T	44	F	28	U
23	47	W	39	S	57	S	40	T	36	H	29	U	45	T	53	F	34	M	48	W	33	S	19	M
24	57	H	50	U	54	U	60	W	39	F	39	M	51	W	40	S	45	T	31	H	30	U	33	T
25	58	F	53	M	32	M	44	H	45	S	47	T	38	H	38	U	54	W	29	F	42	M	45	W
26	75	S	41	T	36	T	64	F	46	U	48	W	49	F	58	M	47	H	44	S	39	T	57	H
27	85	U	43	W	42	W	74	S	54	M	52	H	43	S	67	T	36	F	54	U	49	W	50	F
28	74	M	36	H	44	H	56	U	48	T	49	F	40	U	82	W	33	S	70	M	47	H	64	S
29	76	T			46	F	39	M	46	W	45	S	45	M	62	H	33	U	70	T	62	F	34	U
30	44	W			59	S	40	T	49	H	52	U	52	T	37	F	35	M	67	W	63	S	37	M
31	31	H			59	U			34	F			54	W	40	S			62	H			45	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 : 246
 Moderate 51-100 : 119
 Unhealthy for Sensitive Groups 101-150 : 0
 Unhealthy 151-200 : 0
 Very Unhealthy 201-300 : 0
 Hazardous > 301 : 0

Total Days
 with AQI Values : 365
 Highest AQI/YR : 97

Days CO = 0
 Days O3 = 129
 Days SO2 = 0
 Days NO2 = 0
 Days PM2.5 = 236
 Days PM10 = 0

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

May. 30, 2018

MSA: Raleigh-Durham-Chapel Hill, NC

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	65	W	78	S	58	S	84	T	46	H	43	U	47	T	55	F	40	M	52	W	36	S	47	M
02	55	H	61	U	72	U	84	W	46	F	74	M	53	W	29	S	52	T	60	H	32	U	47	T
03	34	F	35	M	57	M	84	H	51	S	61	T	52	H	25	U	49	W	56	F	39	M	33	W
04	50	S	36	T	40	T	60	F	64	U	58	W	53	F	33	M	33	H	35	S	59	T	29	H
05	47	U	32	W	44	W	49	S	48	M	46	H	43	S	51	T	31	F	30	U	59	W	51	F
06	34	M	43	H	58	H	44	U	77	T	58	F	51	U	100	W	30	S	40	M	43	H	61	S
07	45	T	57	F	32	F	34	M	62	W	58	S	51	M	71	H	35	U	44	T	24	F	31	U
08	60	W	64	S	48	S	40	T	84	H	50	U	58	T	64	F	26	M	44	W	42	S	38	M
09	54	H	74	U	58	U	61	W	58	F	46	M	66	W	50	S	22	T	47	H	59	U	24	T
10	51	F	53	M	62	M	67	H	55	S	49	T	56	H	41	U	30	W	46	F	60	M	30	W
11	27	S	70	T	61	T	84	F	61	U	44	W	44	F	39	M	42	H	36	S	49	T	43	H
12	34	U	55	W	68	W	84	S	64	M	33	H	53	S	34	T	32	F	28	U	40	W	40	F
13	39	M	30	H	40	H	49	U	63	T	44	F	45	U	43	W	33	S	36	M	49	H	47	S
14	38	T	45	F	42	F	40	M	52	W	50	S	49	M	48	H	34	U	27	T	47	F	54	U
15	31	W	57	S	54	S	32	T	29	H	49	U	49	T	58	F	38	M	28	W	51	S	61	M
16	28	H	54	U	45	U	43	W	45	F	67	M	42	W	55	S	44	T	33	H	70	U	83	T
17	54	F	59	M	33	M	47	H	49	S	54	T	58	H	57	U	52	W	31	F	48	M	31	W
18	42	S	55	T	33	T	45	F	42	U	64	W	51	F	63	M	46	H	41	S	37	T	22	H
19	50	U	59	W	40	W	44	S	64	M	53	H	42	S	42	T	46	F	28	U	42	W	35	F
20	51	M	51	H	44	H	47	U	58	T	51	F	38	U	44	W	43	S	38	M	62	H	56	S
21	55	T	33	F	48	F	54	M	67	W	54	S	30	M	64	H	44	U	43	T	55	F	60	U
22	43	W	38	S	61	S	74	T	77	H	36	U	31	T	52	F	37	M	27	W	64	S	52	M
23	52	H	45	U	66	U	51	W	74	F	43	M	35	W	49	S	35	T	35	H	64	U	34	T
24	45	F	39	M	48	M	49	H	61	S	44	T	44	H	30	U	20	W	39	F	33	M	21	W
25	52	S	37	T	41	T	51	F	47	U	58	W	40	F	28	M	19	H	52	S	37	T	30	H
26	52	U	45	W	43	W	48	S	54	M	74	H	55	S	36	T	29	F	47	U	24	W	53	F
27	53	M	41	H	44	H	61	U	55	T	46	F	55	U	47	W	38	S	44	M	36	H	62	S
28	32	T	54	F	38	F	40	M	74	W	42	S	45	M	84	H	43	U	59	T	54	F	51	U
29	53	W			31	S	53	T	60	H	44	U	45	T	52	F	44	M	54	W	67	S	28	M
30	69	H			40	U	33	W	32	F	51	M	49	W	38	S	35	T	36	H	60	U	42	T
31	80	F			47	M			43	S			55	H	30	U			49	F			57	W

Week Day Codes:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 215	Total Days	Days O3 = 140
S - Saturday	Moderate 51-100 : 150	with AQI Values : 365	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 0	Highest AQI/YR : 100	Days NO2 = 3
M - Monday	Unhealthy 151-200 : 0		Days PM2.5 = 222
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: Raleigh-Durham-Chapel Hill, NC

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	73	H	35	U	54	U	48	W	37	F	39	M	51	W	71	S	64	T	19	H	20	U	32	T
02	56	F	30	M	52	M	51	H	46	S	38	T	69	H	51	U	93	W	18	F	22	M	32	W
03	42	S	38	T	57	T	47	F	51	U	16	W	33	F	74	M	77	H	20	S	58	T	27	H
04	27	U	54	W	40	W	44	S	71	M	18	H	32	S	51	T	80	F	21	U	62	W	43	F
05	29	M	39	H	36	H	46	U	67	T	34	F	40	U	84	W	59	S	36	M	63	H	54	S
06	30	T	42	F	41	F	46	M	54	W	77	S	42	M	67	H	30	U	39	T	52	F	54	U
07	35	W	69	S	55	S	61	T	51	H	51	U	51	T	35	F	31	M	47	W	38	S	58	M
08	32	H	57	U	46	U	44	W	42	F	50	M	104	W	44	S	26	T	54	H	43	U	55	T
09	96	F	52	M	55	M	34	H	37	S	49	T	105	H	54	U	36	W	57	F	27	M	55	W
10	47	S	31	T	47	T	38	F	34	U	54	W	81	F	48	M	39	H	49	S	28	T	65	H
11	68	U	41	W	39	W	51	S	43	M	51	H	44	S	43	T	38	F	34	U	40	W	71	F
12	40	M	48	H	45	H	50	U	71	T	44	F	47	U	48	W	53	S	45	M	54	H	73	S
13	52	T	38	F	36	F	49	M	90	W	50	S	44	M	54	H	35	U	55	T	35	F	72	U
14	34	W	45	S	41	S	32	T	45	H	37	U	48	T	61	F	45	M	52	W	38	S	25	M
15	53	H	37	U	42	U	34	W	47	F	43	M	45	W	58	S	64	T	41	H	58	U	40	T
16	54	F	32	M	42	M	38	H	50	S	47	T	49	H	57	U	51	W	61	F	63	M	43	W
17	53	S	56	T	48	T	39	F	47	U	51	W	53	F	101	M	52	H	42	S	58	T	40	H
18	43	U	67	W	41	W	42	S	45	M	71	H	48	S	54	T	47	F	41	U	33	W	37	F
19	33	M	37	H	55	H	36	U	39	T	49	F	46	U	35	W	35	S	47	M	27	H	31	S
20	55	T	48	F	38	F	39	M	93	W	39	S	58	M	34	H	48	U	58	T	33	F	34	U
21	49	W	61	S	45	S	46	T	43	H	44	U	46	T	46	F	41	M	60	W	45	S	27	M
22	29	H	72	U	55	U	58	W	64	F	97	M	54	W	71	S	40	T	61	H	44	U	45	T
23	49	F	51	M	40	M	54	H	71	S	93	T	48	H	74	U	45	W	62	F	43	M	22	W
24	23	S	35	T	44	T	61	F	64	U	87	W	58	F	54	M	38	H	51	S	54	T	40	H
25	35	U	37	W	43	W	56	S	61	M	58	H	61	S	64	T	33	F	50	U	55	W	48	F
26	44	M	59	H	42	H	34	U	42	T	61	F	61	U	56	W	34	S	29	M	40	H	39	S
27	32	T	75	F	31	F	51	M	39	W	36	S	43	M	54	H	40	U	26	T	38	F	30	U
28	46	W	60	S	43	S	45	T	43	H	47	U	43	T	54	F	32	M	25	W	59	S	25	M
29	49	H			44	U	50	W	46	F	61	M	43	W	51	S	20	T	47	H	57	U	34	T
30	37	F			42	M	48	H	33	S	87	T	54	H	64	U	28	W	37	F	19	M	22	W
31	36	S			49	T			31	U			90	F	34	M			30	S			30	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 : 228
 Moderate 51-100 : 134
 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 : 105

Days CO = 0
 Days O3 = 175
 Days SO2 = 0
 Days NO2 = 2
 Days PM2.5 = 188
 Days PM10 = 0

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

May. 30, 2018

MSA: Raleigh-Durham-Chapel Hill, NC

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	49	M	66	T	35	F	35	U	31	W	45	F	47	M	41	H	57	S	36	T	37	H
02	47	S	48	T	40	W	44	S	35	M	40	H	45	S	52	T	35	F	62	U	59	W	48	F
03	54	U	33	W	37	H	46	U	36	T	61	F	32	U	37	W	31	S	53	M	68	H	44	S
04	37	M	30	H	51	F	48	M	45	W	46	S	52	M	38	H	35	U	52	T	39	F	57	U
05	32	T	40	F	65	S	44	T	31	H	30	U	47	T	40	F	53	M	43	W	44	S	39	M
06	40	W	48	S	62	U	44	W	31	F	33	M	41	W	54	S	87	T	46	H	55	U	35	T
07	49	H	36	U	52	M	43	H	50	S	67	T	46	H	46	U	71	W	28	F	38	M	46	W
08	40	F	48	M	48	T	44	F	58	U	48	W	44	F	39	M	58	H	39	S	47	T	52	H
09	28	S	39	T	40	W	44	S	64	M	67	H	45	S	26	T	74	F	37	U	60	W	47	F
10	30	U	40	W	42	H	45	U	61	T	100	F	45	U	33	W	53	S	35	M	37	H	56	S
11	38	M	45	H	41	F	45	M	57	W	54	S	48	M	28	H	54	U	42	T	48	F	69	U
12	43	T	50	F	43	S	35	T	58	H	112	U	50	T	29	F	43	M	39	W	45	S	63	M
13	40	W	46	S	36	U	43	W	41	F	74	M	64	W	30	S	44	T	61	H	57	U	58	T
14	55	H	37	U	32	M	48	H	48	S	97	T	76	H	29	U	67	W	33	F	49	M	58	W
15	58	F	43	M	42	T	46	F	44	U	71	W	62	F	40	M	50	H	43	S	63	T	53	H
16	42	S	34	T	55	W	54	S	49	M	67	H	44	S	28	T	39	F	51	U	81	W	46	F
17	40	U	37	W	49	H	61	U	33	T	43	F	45	U	35	W	35	S	52	M	72	H	67	S
18	32	M	48	H	51	F	93	M	29	W	44	S	50	M	43	H	22	U	41	T	135	F	39	U
19	34	T	48	F	49	S	97	T	30	H	42	U	67	T	44	F	20	M	45	W	101	S	51	M
20	44	W	58	S	29	U	71	W	44	F	67	M	43	W	41	S	22	T	47	H	41	U	56	T
21	53	H	68	U	44	M	61	H	36	S	58	T	58	H	32	U	21	W	31	F	43	M	59	W
22	52	F	57	M	45	T	40	F	33	U	84	W	54	F	47	M	27	H	30	S	51	T	59	H
23	35	S	35	T	58	W	44	S	42	M	59	H	71	S	44	T	43	F	38	U	68	W	59	F
24	54	U	33	W	49	H	45	U	58	T	64	F	54	U	47	W	73	S	46	M	68	H	67	S
25	64	M	37	H	40	F	50	M	97	W	52	S	57	M	80	H	54	U	48	T	70	F	56	U
26	56	T	35	F	47	S	51	T	90	H	49	U	58	T	47	F	47	M	53	W	56	S	52	M
27	56	W	52	S	23	U	61	W	64	F	64	M	61	W	58	S	48	T	44	H	60	U	41	T
28	54	H	63	U	45	M	42	H	39	S	31	T	47	H	44	U	50	W	41	F	65	M	45	W
29	51	F	61	M	44	T	36	F	20	U	51	W	45	F	42	M	37	H	54	S	35	T	48	H
30	51	S			49	W	30	S	32	M	49	H	45	S	58	T	42	F	60	U	29	W	38	F
31	54	U			44	H			33	T			44	U	51	W			41	M			54	S

Week Day Codes:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 231	Total Days	Days O3 = 164
S - Saturday	Moderate 51-100 : 132	with AQI Values : 366	Days SO2 = 0
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 3	Highest AQI/YR : 135	Days NO2 = 0
M - Monday	Unhealthy 151-200 : 0		Days PM2.5 = 202
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: Raleigh-Durham-Chapel Hill, NC

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	49	U	71	W	53	W	42	S	36	M	77	H	26	S	52	T	33	F	35	U	57	W	59	F
02	25	M	56	H	42	H	42	U	48	T	74	F	44	U	93	W	30	S	39	M	37	H	56	S
03	29	T	45	F	43	F	40	M	64	W	87	S	61	M	77	H	37	U	44	T	55	F	56	U
04	37	W	49	S	52	S	44	T	47	H	58	U	39	T	48	F	53	M	42	W	49	S	46	M
05	37	H	64	U	53	U	50	W	42	F	39	M	38	W	44	S	55	T	43	H	39	U	55	T
06	49	F	57	M	56	M	39	H	40	S	49	T	34	H	43	U	39	W	41	F	55	M	32	W
07	50	S	63	T	45	T	42	F	44	U	40	W	46	F	46	M	42	H	27	S	61	T	32	H
08	61	U	50	W	46	W	51	S	71	M	37	H	46	S	28	T	36	F	23	U	16	W	30	F
09	61	M	37	H	50	H	71	U	41	T	61	F	40	U	41	W	39	S	36	M	12	H	28	S
10	60	T	48	F	46	F	58	M	74	W	58	S	45	M	46	H	27	U	49	T	32	F	45	U
11	44	W	54	S	46	S	52	T	64	H	46	U	46	T	48	F	27	M	41	W	36	S	46	M
12	32	H	61	U	51	U	74	W	35	F	50	M	43	W	27	S	28	T	37	H	50	U	37	T
13	45	F	43	M	54	M	64	H	28	S	58	T	38	H	37	U	36	W	27	F	43	M	31	W
14	52	S	56	T	38	T	51	F	54	U	46	W	42	F	52	M	50	H	27	S	54	T	39	H
15	54	U	54	W	43	W	46	S	64	M	41	H	45	S	43	T	55	F	43	U	45	W	51	F
16	47	M	40	H	52	H	60	U	90	T	44	F	41	U	38	W	53	S	25	M	45	H	56	S
17	59	T	47	F	59	F	48	M	67	W	28	S	37	M	48	H	39	U	32	T	31	F	74	U
18	39	W	63	S	67	S	44	T	61	H	36	U	40	T	52	F	36	M	36	W	49	S	66	M
19	40	H	49	U	35	U	47	W	54	F	33	M	58	W	61	S	49	T	39	H	30	U	64	T
20	56	F	74	M	42	M	54	H	58	S	31	T	64	H	57	U	53	W	45	F	38	M	52	W
21	38	S	56	T	61	T	57	F	58	U	31	W	67	F	56	M	48	H	54	S	51	T	38	H
22	23	U	50	W	46	W	43	S	50	M	31	H	65	S	48	T	58	F	54	U	37	W	48	F
23	35	M	42	H	46	H	26	U	30	T	54	F	59	U	48	W	51	S	37	M	35	H	50	S
24	27	T	39	F	65	F	32	M	29	W	34	S	51	M	45	H	47	U	33	T	52	F	23	U
25	39	W	40	S	44	S	41	T	41	H	41	U	87	T	49	F	34	M	37	W	63	S	33	M
26	39	H	43	U	39	U	38	W	58	F	58	M	54	W	45	S	23	T	34	H	39	U	53	T
27	37	F	50	M	40	M	60	H	58	S	45	T	55	H	44	U	31	W	42	F	39	M	38	W
28	45	S	39	T	42	T	66	F	55	U	45	W	60	F	41	M	100	H	52	S	44	T	41	H
29	50	U			41	W	64	S	50	M	54	H	50	S	33	T	34	F	24	U	62	W	59	F
30	43	M			40	H	34	U	49	T	31	F	39	U	44	W	39	S	29	M	64	H	67	S
31	56	T			41	F			49	W			52	M	41	H			43	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 : 242
Moderate 51-100 : 123
Unhealthy for Sensitive Groups 101-150 : 0
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 365
Highest AQI/YR : 100

Days CO = 0
Days O3 = 156
Days SO2 = 0
Days NO2 = 2
Days PM2.5 = 207
Days PM10 = 0