

User ID: XJLSTEGER

AIR QUALITY SUMMARY REPORT

Report Request ID: 1657096

Report Code: AMP410S

May. 30, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
37									48900		

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: Wilmington, 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	34	H	34	U	39	U	43	W	36	F	52	M	67	W	26	S	102	T	76	H	15	U	54	T
02	20	F	33	M	31	M	39	H	40	S	40	T	61	H	35	U	84	W	30	F	35	M	21	W
03	81	S	27	T	33	T	48	F	40	U	33	W	40	F	44	M	24	H	45	S	30	T	26	H
04	50	U	30	W	103	W	50	S	33	M	25	H	44	S	71	T	61	F	34	U	75	W	33	F
05	42	M	28	H	31	H	56	U	26	T	31	F	55	U	55	W	55	S	66	M	41	H	19	S
06	33	T	33	F	31	F	44	M	27	W	79	S	36	M	39	H	71	U	80	T	51	F	50	U
07	20	W	72	S	52	S	52	T	31	H	47	U	42	T	69	F	66	M	37	W	28	S	61	M
08	19	H	68	U	48	U	48	W	48	F	33	M	52	W	46	S	25	T	97	H	39	U	94	T
09	26	F	45	M	75	M	67	H	45	S	32	T	74	H	56	U	43	W	36	F	27	M	35	W
10	22	S	41	T	29	T	48	F	50	U	44	W	102	F	59	M	52	H	32	S	22	T	30	H
11	34	U	28	W	59	W	44	S	85	M	38	H	70	S	60	T	74	F	72	U	27	W	19	F
12	59	M	22	H	56	H	61	U	105	T	59	F	43	U	56	W	97	S	66	M	5	H	59	S
13	64	T	30	F	65	F	44	M	49	W	52	S	40	M	54	H	108	U	30	T	15	F	18	U
14	84	W	46	S	37	S	39	T	38	H	47	U	54	T	32	F	37	M	110	W	15	S	51	M
15	39	H	120	U	49	U	32	W	27	F	44	M	76	W	33	S	75	T	37	H	20	U	3	T
16	27	F	54	M	21	M	57	H	20	S	39	T	39	H	47	U	47	W	20	F	49	M	30	W
17	103	S	44	T	43	T	107	F	32	U	38	W	47	F	52	M	57	H	31	S	54	T	77	H
18	34	U	33	W	76	W	77	S	75	M	30	H	47	S	37	T	112	F	19	U	103	W	19	F
19	27	M	28	H	30	H	42	U	87	T	61	F	61	U	20	W	66	S	29	M	12	H	39	S
20	51	T	28	F	41	F	39	M	111	W	70	S	38	M	24	H	40	U	104	T	46	F	35	U
21	64	W	57	S	52	S	49	T	42	H	53	U	40	T	25	F	77	M	77	W	89	S	30	M
22	54	H	32	U	69	U	50	W	24	F	61	M	25	W	30	S	16	T	37	H	82	U	86	T
23	61	F	37	M	44	M	67	H	22	S	59	T	46	H	32	U	24	W	30	F	75	M	90	W
24	52	S	34	T	116	T	58	F	22	U	43	W	46	F	56	M	57	H	26	S	16	T	32	H
25	64	U	28	W	23	W	48	S	20	M	58	H	44	S	41	T	82	F	92	U	23	W	25	F
26	61	M	82	H	36	H	41	U	18	T	52	F	52	U	72	W	80	S	99	M	64	H	17	S
27	41	T	35	F	34	F	42	M	56	W	105	S	42	M	62	H	24	U	29	T	18	F	44	U
28	28	W	41	S	34	S	39	T	35	H	55	U	45	T	64	F	44	M	27	W	27	S	34	M
29	54	H			25	U	39	W	40	F	71	M	33	W	38	S	75	T	84	H	33	U	21	T
30	33	F			27	M	41	H	43	S	79	T	48	H	52	U	65	W	67	F	27	M	50	W
31	34	S			33	T			48	U			28	F	37	M			29	S			11	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 : 232  
Moderate 51-100 : 118  
Unhealthy for Sensitive Groups 101-150 : 15  
Unhealthy 151-200 : 0  
Very Unhealthy 201-300 : 0  
Hazardous > 301 : 0

Total Days  
with AQI Values : 365  
Highest AQI/YR : 120

Days CO = 0  
Days O3 = 76  
Days SO2 = 129  
Days NO2 = 0  
Days PM2.5 = 160  
Days PM10 = 0

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

May. 30, 2018

MSA: Wilmington, 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	6	F	56	M	64	M	71	H	41	S	27	T	138	H	40	U	67	W	37	F	97	M	18	W
02	23	S	21	T	28	T	129	F	34	U	29	W	118	F	66	M	105	H	144	S	104	T	30	H
03	33	U	37	W	27	W	58	S	45	M	44	H	40	S	32	T	97	F	24	U	92	W	25	F
04	30	M	57	H	36	H	50	U	42	T	48	F	67	U	37	W	55	S	27	M	17	H	64	S
05	59	T	29	F	29	F	45	M	37	W	47	S	82	M	25	H	100	U	57	T	38	F	34	U
06	46	W	36	S	25	S	43	T	44	H	39	U	111	T	34	F	51	M	34	W	30	S	31	M
07	79	H	20	U	36	U	41	W	64	F	49	M	100	W	46	S	43	T	51	H	21	U	37	T
08	33	F	89	M	45	M	44	H	53	S	56	T	61	H	56	U	43	W	50	F	23	M	60	W
09	44	S	26	T	61	T	44	F	39	U	49	W	64	F	50	M	69	H	58	S	39	T	30	H
10	28	U	57	W	59	W	77	S	75	M	43	H	58	S	28	T	100	F	64	U	27	W	29	F
11	33	M	41	H	23	H	58	U	48	T	59	F	48	U	31	W	65	S	61	M	20	H	26	S
12	37	T	41	F	27	F	50	M	39	W	54	S	41	M	36	H	43	U	65	T	17	F	15	U
13	90	W	38	S	19	S	49	T	79	H	57	U	41	T	44	F	45	M	68	W	30	S	55	M
14	67	H	57	U	22	U	104	W	35	F	50	M	27	W	32	S	119	T	44	H	65	U	97	T
15	62	F	27	M	57	M	79	H	38	S	54	T	33	H	31	U	58	W	39	F	28	M	57	W
16	72	S	50	T	23	T	74	F	36	U	53	W	43	F	91	M	47	H	33	S	18	T	34	H
17	68	U	66	W	33	W	58	S	23	M	50	H	58	S	32	T	44	F	44	U	24	W	40	F
18	19	M	61	H	28	H	84	U	30	T	56	F	53	U	29	W	74	S	64	M	25	H	26	S
19	25	T	60	F	40	F	50	M	50	W	90	S	38	M	31	H	61	U	64	T	91	F	62	U
20	42	W	42	S	52	S	50	T	47	H	45	U	53	T	50	F	58	M	62	W	37	S	45	M
21	60	H	62	U	37	U	41	W	51	F	95	M	59	W	48	S	49	T	54	H	43	U	43	T
22	16	F	27	M	24	M	84	H	54	S	43	T	56	H	50	U	45	W	44	F	57	M	57	W
23	67	S	47	T	24	T	63	F	52	U	44	W	67	F	41	M	42	H	40	S	26	T	31	H
24	27	U	44	W	39	W	60	S	31	M	48	H	40	S	97	T	38	F	39	U	76	W	20	F
25	21	M	47	H	47	H	42	U	84	T	51	F	29	U	59	W	32	S	29	M	19	H	26	S
26	17	T	31	F	32	F	50	M	49	W	43	S	41	M	103	H	50	U	29	T	11	F	28	U
27	34	W	37	S	47	S	44	T	106	H	39	U	37	T	40	F	29	M	27	W	15	S	102	M
28	32	H	26	U	57	U	45	W	45	F	47	M	34	W	49	S	31	T	19	H	64	U	26	T
29	90	F			44	M	58	H	41	S	38	T	38	H	70	U	81	W	29	F	103	M	69	W
30	72	S			27	T	71	F	38	U	41	W	51	F	60	M	19	H	102	S	18	T	35	H
31	25	U			41	W			34	M			50	S	58	T			41	U			49	F

<b>Week Day Codes:</b>	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 234	Total Days	Days O3 = 111
S - Saturday	Moderate 51-100 : 117	with AQI Values : 365	Days SO2 = 121
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 14	Highest AQI/YR : 144	Days NO2 = 0
M - Monday	Unhealthy 151-200 : 0		Days PM2.5 = 133
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  
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May. 30, 2018

MSA: Wilmington, 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	41	S	52	T	18	T	38	F	44	U	57	W	105	F	40	M	36	H	29	S	22	T	21	H
02	22	U	28	W	46	W	44	S	45	M	59	H	101	S	74	T	41	F	31	U	26	W	52	F
03	16	M	25	H	25	H	49	U	44	T	80	F	62	U	77	W	40	S	34	M	19	H	37	S
04	15	T	13	F	20	F	44	M	38	W	80	S	48	M	84	H	30	U	32	T	22	F	35	U
05	34	W	11	S	19	S	37	T	44	H	78	U	46	T	52	F	32	M	34	W	24	S	18	M
06	59	H	25	U	17	U	47	W	46	F	71	M	21	W	34	S	22	T	39	H	22	U	8	T
07	39	F	30	M	25	M	67	H	47	S	55	T	31	H	44	U	35	W	37	F	17	M	7	W
08	21	S	25	T	26	T	45	F	49	U	60	W	19	F	61	M	65	H	41	S	21	T	15	H
09	24	U	20	W	26	W	43	S	54	M	57	H	50	S	71	T	48	F	37	U	22	W	30	F
10	23	M	31	H	26	H	36	U	67	T	41	F	62	U	52	W	74	S	31	M	29	H	33	S
11	33	T	21	F	40	F	40	M	48	W	35	S	120	M	48	H	54	U	38	T	23	F	28	U
12	36	W	39	S	33	S	48	T	56	H	37	U	68	T	85	F	45	M	25	W	25	S	24	M
13	33	H	28	U	58	U	41	W	40	F	85	M	83	W	71	S	42	T	31	H	30	U	30	T
14	69	F	48	M	54	M	47	H	48	S	55	T	49	H	57	U	44	W	34	F	21	M	31	W
15	56	S	27	T	37	T	48	F	47	U	54	W	33	F	48	M	50	H	42	S	28	T	25	H
16	40	U	11	W	52	W	50	S	43	M	58	H	69	S	52	T	22	F	38	U	23	W	29	F
17	40	M	22	H	32	H	67	U	35	T	71	F	97	U	54	W	20	S	41	M	25	H	22	S
18	35	T	51	F	52	F	50	M	47	W	79	S	37	M	38	H	23	U	38	T	18	F	33	U
19	38	W	42	S	58	S	48	T	50	H	63	U	46	T	38	F	30	M	27	W	23	S	25	M
20	26	H	13	U	25	U	46	W	56	F	66	M	61	W	52	S	19	T	26	H	23	U	34	T
21	24	F	38	M	33	M	54	H	49	S	58	T	68	H	48	U	23	W	26	F	34	M	9	W
22	25	S	47	T	56	T	47	F	56	U	87	W	59	F	51	M	17	H	33	S	32	T	21	H
23	47	U	38	W	59	W	41	S	46	M	95	H	48	S	41	T	18	F	34	U	14	W	20	F
24	36	M	32	H	35	H	38	U	56	T	44	F	34	U	35	W	18	S	39	M	19	H	20	S
25	23	T	32	F	56	F	31	M	59	W	64	S	33	M	29	H	19	U	38	T	24	F	23	U
26	14	W	30	S	56	S	23	T	41	H	52	U	26	T			18	M	45	W	29	S	24	M
27	32	H	42	U	16	U	27	W	35	F	38	M	45	W			28	T	44	H	17	U	18	T
28	36	F	38	M	38	M	38	H	30	S	46	T	51	H			31	W	22	F	18	M	20	W
29	29	S			29	T	47	F	25	U	43	W	64	F	44	M	41	H	20	S	11	T	21	H
30	57	U			24	W	44	S	60	M	61	H	92	S	45	T	49	F	30	U	40	W	31	F
31	59	M			23	H			80	T			78	U	38	W			24	M			31	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 : 277  
Moderate 51-100 : 82  
Unhealthy for Sensitive Groups 101-150 : 3  
Unhealthy 151-200 : 0  
Very Unhealthy 201-300 : 0  
Hazardous > 301 : 0

Total Days  
with AQI Values : 362  
Highest AQI/YR : 120

Days CO = 0  
Days O3 = 128  
Days SO2 = 22  
Days NO2 = 0  
Days PM2.5 = 212  
Days PM10 = 0

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

MSA: Wilmington, 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	47	U	19	W	35	H	38	U	31	T	45	F	51	U	47	W	42	S	31	M	33	H	51	S
02	17	M	21	H	31	F	45	M	31	W	44	S	67	M	47	H	54	U	24	T	40	F	54	U
03	26	T	25	F	21	S	61	T	37	H	49	U	112	T	54	F	49	M	22	W	31	S	48	M
04	16	W	24	S	17	U	46	W	37	F	41	M	71	W	38	S	31	T	29	H	49	U	43	T
05	62	H	26	U	27	M	37	H	42	S	32	T	59	H	25	U	34	W	43	F	47	M	27	W
06	65	F	27	M	3	T	32	F	35	U	32	W	67	F	22	M	37	H	47	S	47	T	18	H
07	67	S	30	T	21	W	48	S	46	M	44	H	58	S	20	T	33	F	29	U	39	W	27	F
08	52	U	37	W	22	H	54	U	47	T	62	F	54	U	31	W	26	S	14	M	43	H	50	S
09	20	M	45	H	23	F	58	M	35	W	61	S	53	M	36	H	31	U	30	T	50	F	37	U
10	82	T	55	F	33	S	74	T	48	H	44	U	44	T	45	F	39	M	32	W	51	S	33	M
11	18	W	55	S	19	U	47	W	50	F	32	M	45	W	37	S	42	T	37	H	47	U	48	T
12	23	H	29	U	19	M	39	H	71	S	31	T	31	H	35	U	38	W	39	F	44	M	38	W
13	18	F	26	M	32	T	51	F	58	U	36	W	23	F	46	M	32	H	35	S	35	T	44	H
14	46	S	30	T	74	W	67	S	41	M	33	H	18	S	64	T	27	F	35	U	50	W	29	F
15	33	U	39	W	35	H	48	U	41	T	34	F	25	U	49	W	31	S	31	M	43	H	29	S
16	20	M	31	H	18	F	47	M	32	W	36	S	29	M	61	H	39	U	31	T	48	F	36	U
17	22	T	24	F	39	S	45	T	37	H	38	U	34	T	54	F	33	M	32	W	43	S	26	M
18	30	W	33	S	59	U	41	W	44	F	43	M	32	W	51	S	29	T	34	H	36	U	23	T
19	26	H	15	U	47	M	32	H	46	S	59	T	41	H	37	U	21	W	31	F	40	M	33	W
20	42	F	25	M	40	T	40	F	35	U	43	W	38	F	36	M	31	H	37	S	46	T	41	H
21	1	S	23	T	25	W	39	S	30	M	42	H	31	S	36	T	42	F	31	U	0	W	14	F
22	38	U	1	W	17	H	33	U	40	T	37	F	54	U	33	W	40	S	34	M	1	H	24	S
23	1	M	1	H	20	F	34	M	67	W	33	S	64	M	29	H	41	U	51	T	37	F	27	U
24	1	T	58	F	20	S	51	T	32	H	23	U	44	T	31	F	37	M	41	W	1	S	34	M
25	18	W	18	S	23	U	46	W	20	F	28	M	54	W	50	S	43	T	40	H	44	U	35	T
26	32	H	21	U	30	M	58	H	28	S	37	T	58	H	36	U	40	W	54	F	34	M	38	W
27	25	F	21	M	24	T	74	F	24	U	48	W	71	F	19	M	40	H	30	S	4	T	18	H
28	23	S	27	T	36	W	39	S	20	M	84	H	42	S	19	T	44	F	19	U	1	W	32	F
29	24	U	30	W	57	H	46	U	19	T	122	F	47	U	29	W	50	S	39	M	34	H	28	S
30	30	M			46	F	44	M	33	W	80	S	45	M	40	H	27	U	13	T	6	F	30	U
31	41	T			39	S			71	H			45	T	44	F			25	W			37	M

**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 : 311  
Moderate 51-100 : 53  
Unhealthy for Sensitive Groups 101-150 : 2  
Unhealthy 151-200 : 0  
Very Unhealthy 201-300 : 0  
Hazardous > 301 : 0

Total Days  
with AQI Values : 366  
Highest AQI/YR : 122

Days CO = 0  
Days O3 = 165  
Days SO2 = 31  
Days NO2 = 0  
Days PM2.5 = 170  
Days PM10 = 0

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

May. 30, 2018

MSA: Wilmington, NC

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	55	T	22	F	16	F	40	M	38	W	23	S	29	M	27	H	60	U	43	T	49	F	56	U
02	42	W	20	S	29	S	61	T	33	H	23	U	17	T	29	F	67	M	53	W	55	S	60	M
03	55	H	27	U	27	U	53	W	42	F	24	M	13	W	23	S	66	T	54	H	51	U		
04	38	F	26	M	35	M	48	H	33	S	44	T	14	H	38	U	59	W	41	F	38	M		
05	38	S	53	T	50	T	42	F	36	U	49	W	16	F	43	M	72	H	43	S	37	T	0	H
06	54	U	59	W	27	W	61	S	48	M	43	H	19	S	39	T	59	F	22	U	32	W	37	F
07	40	M	54	H	25	H	54	U	44	T	33	F	19	U	37	W	44	S	30	M	30	H	35	S
08	32	T	11	F	31	F	45	M	50	W	48	S	22	M	27	H	60	U	36	T	52	F	44	U
09	42	W	40	S	8	S	43	T	72	H	34	U	20	T	19	F	62	M	20	W	57	S	35	M
10	38	H	24	U	8	U	41	W	64	F	26	M	24	W	21	S	64	T	16	H	66	U	31	T
11	33	F	28	M	24	M	30	H	44	S	57	T	28	H	26	U	56	W	33	F	59	M	43	W
12	43	S	19	T	40	T	41	F	45	U	62	W	29	F	36	M	58	H	42	S	61	T	46	H
13	40	U	26	W	29	W	44	S	48	M	80	H	28	S	63	T	79	F	25	U	50	W	53	F
14	31	M	29	H	36	H	54	U	58	T	46	F	20	U	56	W	61	S	39	M	55	H	35	S
15	43	T	29	F	41	F	48	M	93	W	49	S	19	M	44	H	56	U	36	T	54	F	30	U
16	34	W	27	S	63	S	45	T	77	H	44	U	34	T	36	F	63	M	37	W	53	S	42	M
17	35	H	29	U	58	U	50	W	80	F	38	M	52	W	33	S	57	T	45	H	56	U	45	T
18	28	F	26	M	45	M	40	H	42	S	43	T	55	H	28	U	48	W	54	F	60	M	43	W
19	44	S	19	T	44	T	31	F	48	U	35	W	23	F	17	M	41	H	66	S	52	T	42	H
20	35	U	33	W	19	W	32	S	33	M	44	H	26	S	18	T	30	F	55	U	38	W	50	F
21	46	M	39	H	27	H	48	U	32	T	38	F	23	U	26	W	35	S	46	M	33	H	39	S
22	27	T	31	F	66	F	39	M	26	W	31	S	33	M	30	H	26	U	61	T	27	F	44	U
23	30	W	19	S	65	S	36	T	28	H	38	U	37	T	61	F	31	M	53	W	39	S	40	M
24	61	H	36	U	47	U	46	W	40	F	35	M	52	W	44	S	38	T	44	H	38	U	40	T
25	53	F	43	M	29	M	40	H	44	S	41	T	47	H	40	U	50	W	42	F	39	M	42	W
26	69	S	39	T	30	T	67	F	40	U	30	W	40	F	32	M	48	H	56	S	22	T	52	H
27	63	U	32	W	33	W	90	S	51	M	33	H	38	S	50	T	36	F	52	U	42	W	51	F
28	54	M	1	H	37	H	97	U	47	T	39	F	31	U	69	W	30	S	56	M	42	H	38	S
29	59	T			30	F	50	M	41	W	36	S	0	M	76	H	28	U	60	T	54	F	34	U
30	40	W			52	S	38	T	26	H	34	U	36	T	52	F	36	M	57	W	59	S	41	M
31	15	H			53	U			19	F			42	W	38	S			47	H			43	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 : 270  
Moderate 51-100 : 93  
Unhealthy for Sensitive Groups 101-150 : 0  
Unhealthy 151-200 : 0  
Very Unhealthy 201-300 : 0  
Hazardous > 301 : 0

Total Days  
with AQI Values : 363  
Highest AQI/YR : 97

Days CO = 0  
Days O3 = 121  
Days SO2 = 23  
Days NO2 = 0  
Days PM2.5 = 219  
Days PM10 = 0

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

May. 30, 2018

MSA: Wilmington, 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	46	W	55	S	1	S	67	T	41	H	43	U	42	T	34	F	29	M	33	W	22	S	25	M
02	34	H	55	U	3	U	93	W	35	F	43	M	29	W	22	S	35	T	43	H	1	U	42	T
03	44	F	40	M	30	M	71	H	51	S	41	T	34	H	23	U	30	W	46	F	3	M	30	W
04	38	S	53	T	0	T	51	F	67	U	48	W	40	F	21	M	20	H	36	S	30	T	39	H
05	33	U	52	W	0	W	61	S	49	M	44	H	36	S	17	T	22	F	28	U	17	W	25	F
06	33	M	54	H	28	H	40	U	67	T	49	F	40	U	45	W	23	S	39	M	6	H	29	S
07	40	T	54	F	0	F	32	M	84	W	54	S	32	M	64	H	22	U	32	T	16	F	21	U
08	39	W	55	S	1	S	31	T	61	H	45	U	40	T	57	F	23	M	40	W	17	S	30	M
09	40	H	57	U	36	U	49	W	46	F	34	M	44	W	46	S	17	T	42	H	24	U	15	T
10	40	F	59	M	1	M	77	H	45	S	42	T	35	H	42	U	24	W	44	F	42	M	25	W
11	38	S	67	T	1	T	67	F	34	U	41	W	30	F	36	M	31	H	37	S	17	T	29	H
12	40	U	1	W	60	W	71	S	38	M	35	H	33	S	35	T	27	F	26	U	20	W	28	F
13	35	M	54	H	0	H	44	U	34	T	41	F	21	U	50	W	24	S	31	M	45	H	30	S
14	41	T	62	F	1	F	38	M	38	W	47	S	34	M	47	H	25	U	33	T	52	F	45	U
15	40	W	43	S	42	S	31	T	23	H	54	U	31	T	54	F	29	M	27	W	40	S	55	M
16	51	H	59	U	0	U	44	W	39	F	49	M	27	W	49	S	27	T	33	H	34	U	46	T
17	47	F	61	M	0	M	44	H	48	S	45	T	46	H	58	U	31	W	31	F	14	M	25	W
18	46	S	67	T	17	T	37	F	41	U	44	W	45	F	58	M	42	H	44	S	30	T	23	H
19	49	U	64	W	25	W	42	S	51	M	40	H	40	S	37	T	47	F	24	U	32	W	30	F
20	51	M	52	H	45	H	44	U	64	T	46	F	31	U	38	W	31	S	34	M	44	H	43	S
21	61	T	49	F	25	F	41	M	58	W	32	S	23	M	44	H	36	U	40	T	48	F	49	U
22	54	W	37	S	1	S	87	T	61	H	32	U	18	T	46	F	31	M	25	W	26	S	24	M
23	58	H	48	U	1	U	64	W	74	F	40	M	24	W	35	S	21	T	32	H	16	U	27	T
24	52	F	1	M	26	M	48	H	49	S	9	T	34	H	41	U	21	W	31	F	6	M	5	W
25	56	S	33	T	28	T	49	F	48	U	45	W	34	F	21	M	13	H	39	S	29	T	13	H
26	54	U	0	W	43	W	46	S	46	M	38	H	40	S	28	T	24	F	40	U	4	W	14	F
27	58	M	1	H	27	H	51	U	41	T	40	F	39	U	31	W	26	S	39	M	20	H	23	S
28	50	T	32	F	18	F	46	M	46	W	35	S	54	M	71	H	33	U	48	T	31	F	24	U
29	59	W			7	S	32	T	47	H	32	U	37	T	45	F	30	M	40	W	42	S	15	M
30	61	H			14	U	23	W	35	F	36	M	44	W	24	S	29	T	31	H	32	U	29	T
31	61	F			18	M			43	S			44	H	21	U			33	F			31	W

<u>Week Day Codes:</u>	<u>No. of Days with AQI Values</u>		<u>Total Days with AQI Values : 365</u>		<u>Days CO = 0</u>	
F - Friday	Good < or = 50 :	303			Days O3 = 178	
S - Saturday	Moderate 51-100 :	62			Days SO2 = 20	
U - Sunday	Unhealthy for Sensitive Groups 101-150 :	0			Days NO2 = 0	
M - Monday	Unhealthy 151-200 :	0	Highest AQI/YR : 93		Days PM2.5 = 167	
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: Wilmington, 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	43	H	23	U	34	U	45	W	42	F	27	M	45	W	48	S	30	T			35	U	2	T
02	40	F	17	M	30	M	47	H	44	S	25	T	57	H	46	U	45	W			22	M	13	W
03	22	S	37	T	39	T	44	F	58	U	26	W	23	F	51	M	39	H			0	T	2	H
04	4	U	19	W	16	W	43	S	58	M	25	H	52	S	37	T	47	F			41	W	8	F
05	13	M	35	H	10	H	44	U	50	T	25	F	38	U	53	W	42	S			25	H	32	S
06	20	T	22	F	33	F	46	M	41	W	36	S	37	M	46	H	20	U			23	F	20	U
07	31	W	32	S	35	S	38	T	40	H	42	U	33	T	31	F	26	M	40	W	15	S	7	M
08	24	H	21	U	31	U	34	W	39	F	45	M	41	W	28	S	24	T	41	H	22	U	27	T
09	43	F	26	M	26	M	25	H	43	S	36	T	52	H	31	U	23	W	38	F	13	M	15	W
10	36	S	30	T	13	T	32	F	43	U	43	W	61	F	40	M	38	H	21	S	10	T	26	H
11	29	U	51	W	10	W	41	S	44	M	32	H	67	S	28	T	36	F	27	U	20	W	43	F
12	13	M	47	H	1	H	54	U	40	T	33	F	41	U	39	W	30	S	19	M	25	H	29	S
13	29	T	28	F	1	F	51	M	58	W	40	S	35	M	42	H	31	U	41	T	22	F	23	U
14	27	W	40	S	1	S	29	T	41	H	42	U	46	T	44	F	34	M	35	W	14	S	9	M
15	25	H	30	U	1	U	37	W	45	F	54	M	44	W	45	S	41	T	37	H	19	U	3	T
16	32	F	23	M	17	M	46	H	47	S	56	T	48	H	43	U	43	W	46	F	15	M	13	W
17	30	S	45	T	30	T	38	F	41	U	44	W	41	F	48	M	35	H	36	S	25	T	22	H
18	23	U	53	W	31	W	34	S	40	M	45	H	43	S	42	T	31	F	34	U	10	W	1	F
19	23	M	33	H	34	H	33	U	41	T	39	F	40	U	29	W	31	S	35	M	0	H	1	S
20	34	T	38	F	10	F	40	M	48	W	39	S	45	M	34	H	31	U	38	T	18	F	19	U
21	55	W	29	S	21	S	49	T	47	H	43	U	44	T	33	F	31	M	36	W	14	S	8	M
22	45	H	17	U	30	U	58	W	39	F	47	M	44	W	48	S	28	T	33	H	13	U	7	T
23	20	F	40	M	18	M	47	H	67	S	46	T	41	H	47	U	29	W	43	F	18	M	11	W
24	11	S	24	T	18	T	54	F	71	U	48	W	37	F	64	M	33	H	36	S	6	T	19	H
25	25	U	55	W	22	W	45	S	49	M	48	H	58	S	36	T	27	F	31	U	5	W	1	F
26	30	M	31	H	16	H	31	U	32	T	47	F	41	U	31	W	30	S	23	M	11	H	12	S
27	40	T	61	F	16	F	49	M	35	W	30	S	32	M	33	H	28	U	31	T	1	F	9	U
28	34	W	55	S	26	S	47	T	40	H	32	U	31	T	42	F	24	M	30	W	4	S	5	M
29	29	H			21	U	33	W	31	F	46	M	31	W	37	S	19	T	39	H	33	U	30	T
30	22	F			19	M	39	H	22	S	51	T	28	H	40	U	25	W	34	F	10	M	15	W
31	25	S			36	T			24	U			52	F	18	M			33	S			5	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 : 331  
 Moderate 51-100 : 28  
 Unhealthy for Sensitive Groups 101-150 : 0  
 Unhealthy 151-200 : 0  
 Very Unhealthy 201-300 : 0  
 Hazardous > 301 : 0

Total Days  
 with AQI Values : 359  
 Highest AQI/YR : 71

Days CO = 0  
 Days O3 = 169  
 Days SO2 = 9  
 Days NO2 = 0  
 Days PM2.5 = 181  
 Days PM10 = 0

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

May. 30, 2018

MSA: Wilmington, 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	9	F	15	M	57	T	38	F	42	U	27	W	32	F	31	M	25	H	31	S	11	T	23	H
02	11	S	30	T	5	W	43	S	31	M	31	H	32	S	33	T	27	F	34	U	23	W	20	F
03	18	U	24	W	2	H	47	U	37	T	47	F	50	U	31	W	25	S	40	M	16	H	18	S
04	18	M	13	H	22	F	49	M	40	W	34	S	27	M	29	H	30	U	34	T	17	F	19	U
05	0	T	3	F	21	S	40	T	36	H	26	U	42	T	26	F	30	M	31	W	8	S	3	M
06	5	W	16	S	26	U	44	W	31	F	22	M	42	W	29	S	40	T			12	U	0	T
07	14	H	5	U	28	M	45	H	50	S	45	T	37	H	31	U	54	W			5	M	0	W
08	9	F	5	M	25	T	43	F	58	U	50	W	40	F	35	M	56	H			18	T	27	H
09	10	S	20	T	18	W	45	S	66	M	46	H	41	S	17	T	40	F			29	W	13	F
10	9	U	2	W	25	H	44	U	65	T	61	F	44	U	28	W	37	S			3	H	17	S
11	1	M	5	H	37	F	49	M	45	W	43	S	45	M	17	H	35	U	34	T	58	F	13	U
12	3	T	27	F	37	S	33	T	48	H	51	U	39	T	16	F	29	M	28	W	3	S	16	M
13	15	W	24	S	31	U	44	W	37	F	51	M	38	W	17	S	37	T	34	H	12	U	18	T
14	8	H	1	U	28	M	44	H	51	S	48	T	38	H	18	U	22	W	33	F	21	M	35	W
15	7	F	21	M	25	T	41	F	40	U	45	W	31	F	19	M	28	H	35	S	25	T	7	H
16	21	S	0	T	63	W	50	S	46	M	38	H	33	S	18	T	31	F	31	U	41	W	3	F
17	1	U	1	W	54	H	48	U	42	T	46	F	34	U	24	W	24	S	38	M	52	H	23	S
18	3	M	22	H	24	F	67	M	38	W	38	S	25	M	25	H	22	U	34	T	56	F	24	U
19	15	T	5	F	30	S	90	T	47	H	36	U	33	T	38	F	22	M	37	W	48	S	7	M
20	6	W	23	S	5	U	80	W	38	F	51	M	37	W	36	S	14	T	32	H	18	U	25	T
21	16	H	53	U	18	M	51	H	38	S	42	T	40	H	35	U	23	W	36	F	8	M	21	W
22	24	F	32	M	40	T	54	F	32	U	53	W	50	F	35	M	24	H	27	S	14	T	28	H
23	3	S	21	T	32	W	44	S	38	M	58	H	37	S	42	T	20	F	30	U	20	W	23	F
24	3	U	36	W	29	H	44	U	47	T	57	F	37	U	40	W	27	S	39	M	18	H	33	S
25	15	M	0	H	30	F	54	M	87	W	52	S	34	M	33	H	34	U	34	T	30	F	28	U
26	14	T	1	F	39	S	48	T	48	H	48	U	35	T	37	F	43	M	39	W	55	S	23	M
27	13	W	18	S	46	U	46	W	50	F	41	M	39	W	37	S	29	T	37	H	15	U	18	T
28	17	H	20	U	31	M	43	H	25	S	35	T	37	H	35	U	33	W	38	F	15	M	10	W
29	20	F	35	M	27	T	38	F	27	U	56	W	42	F	29	M	30	H	38	S	30	T	9	H
30	3	S			25	W	39	S	37	M	47	H	0	S	21	T	31	F	41	U	28	W	12	F
31	3	U			47	H			24	T			26	U	15	W			32	M			13	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 : 331  
Moderate 51-100 : 30  
Unhealthy for Sensitive Groups 101-150 : 0  
Unhealthy 151-200 : 0  
Very Unhealthy 201-300 : 0  
Hazardous > 301 : 0

Total Days  
with AQI Values : 361  
Highest AQI/YR : 90

Days CO = 0  
Days O3 = 172  
Days SO2 = 12  
Days NO2 = 0  
Days PM2.5 = 177  
Days PM10 = 0

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

May. 30, 2018

MSA: Wilmington, 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	27	U	50	W	37	W	39	S	38	M	54	H	26	S	33	T	37	F	33	U	24	W	46	F
02	9	M	49	H	38	H	40	U	47	T	52	F	41	U	40	W	29	S	35	M	13	H	20	S
03	10	T	25	F	44	F	43	M	50	W	67	S	41	M	39	H	31	U	36	T	18	F	25	U
04	13	W	14	S	42	S	44	T	54	H	38	U	42	T	28	F	43	M	29	W	36	S	28	M
05	0	H	28	U	54	U	45	W	41	F	27	M	53	W	21	S	32	T	31	H	18	U	14	T
06	15	F	53	M	46	M	44	H	44	S	36	T	59	H	37	U	28	W	30	F	28	M	15	W
07	15	S	52	T	46	T	43	F	41	U	32	W	53	F	45	M	39	H	23	S	42	T	21	H
08	25	U	15	W	38	W	47	S	58	M	27	H	33	S	28	T	36	F	26	U	20	W	9	F
09	19	M	5	H	47	H	64	U	47	T	43	F	39	U	28	W	40	S	17	M	6	H	0	S
10	11	T	12	F	45	F	49	M	52	W	46	S	29	M	27	H	30	U	14	T	19	F	14	U
11	7	W	29	S	44	S	44	T	63	H	44	U	27	T	20	F	31	M	23	W	20	S	23	M
12	3	H	50	U	37	U	44	W	42	F	46	M	32	W	23	S	29	T	27	H	16	U	27	T
13	36	F	9	M	36	M	44	H	38	S	43	T	20	H	30	U	33	W	25	F	26	M	8	W
14	21	S	21	T	35	T	44	F	43	U	43	W	22	F	22	M	30	H	19	S	46	T	39	H
15	38	U	23	W	42	W	50	S	67	M	53	H	32	S	32	T	37	F	29	U	42	W	43	F
16	11	M	10	H	43	H	50	U	58	T	29	F	28	U	37	W	41	S	25	M	0	H	35	S
17	23	T	5	F	50	F	49	M	58	W	27	S	26	M	35	H	30	U	24	T	0	F	46	U
18	27	W	60	S	46	S	38	T	45	H	26	U	30	T	39	F	34	M	16	W	0	S	46	M
19	18	H	54	U	33	U	43	W	38	F	36	M	36	W	0	S	40	T	32	H	0	U	36	T
20	12	F	37	M	43	M	39	H	35	S	32	T	47	H	0	U	46	W	40	F	0	M	25	W
21	29	S	24	T	51	T	40	F	29	U	22	W	44	F	0	M	46	H	47	S	6	T	20	H
22	7	U	11	W	44	W	38	S	31	M	24	H	38	S	8	T	40	F	45	U	15	W	0	F
23	7	M	7	H	46	H	26	U	34	T	25	F	36	U	38	W	41	S	38	M	17	H	18	S
24	6	T	17	F	47	F	38	M	39	W	30	S	32	M	34	H	27	U	35	T	14	F	8	U
25	21	W	17	S	42	S	34	T	40	H	25	U	41	T	40	F	22	M	33	W	30	S	12	M
26	14	H	4	U	44	U	44	W	50	F	38	M	37	W	42	S	19	T	31	H	30	U	8	T
27	4	F	25	M	44	M	48	H	55	S	46	T	41	H	41	U	24	W	42	F	22	M	9	W
28	17	S	23	T	41	T	0	F	59	U	46	W	34	F	29	M	50	H	37	S	10	T	25	H
29	13	U			32	W	20	S	44	M	46	H	37	S	22	T	40	F	30	U	20	W	21	F
30	8	M			46	H	24	U	45	T	19	F	36	U	31	W	41	S	27	M	34	H	28	S
31	53	T			43	F			61	W			33	M	30	H			43	T			31	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 : 340  
Moderate 51-100 : 25  
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 : 67

Days CO = 0  
Days O3 = 173  
Days SO2 = 9  
Days NO2 = 0  
Days PM2.5 = 183  
Days PM10 = 0