

User ID: XJLSTEGER

AIR QUALITY SUMMARY REPORT

Report Request ID: 1763569

Report Code: AMP410S

Jul. 18, 2019

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
--------------------------	-----------	--------	----------

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: 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

Jul. 18, 2019

MSA: Wilmington, NC

YEAR: 2010

	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	6 F	56 M	64 M	71 H	41 S	27 T	138 H	40 U	67 W	37 F	97 M	18 W										
A	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										
Y	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										
O	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										
F	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										
M	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										
O	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										
N	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										
T	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										
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										

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 :	234	Total Days	
Moderate 51-100 :	117	with AQI Values :	365
Unhealthy for Sensitive Groups 101-150 :	14	Highest AQI/YR :	144
Unhealthy 151-200 :	0		
Very Unhealthy 201-300 :	0		
Hazardous > 301 :	0		

Days CO = 0
 Days O3 = 111
 Days SO2 = 121
 Days NO2 = 0
 Days PM2.5 = 133
 Days PM10 = 0

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

Jul. 18, 2019

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

<u>Week Day Codes:</u>	<u>No. of Days with AQI Values</u>	<u>Total Days</u>	<u>Days CO = 0</u>
F - Friday	Good < or = 50 : 277	with AQI Values : 362	Days O3 = 128
S - Saturday	Moderate 51-100 : 82		
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 3	Highest AQI/YR : 120	Days SO2 = 22
M - Monday	Unhealthy 151-200 : 0		
T - Tuesday	Very Unhealthy 201-300 : 0		
W - Wednesday	Hazardous > 301 : 0		Days PM2.5 = 212
H - Thursday			Days PM10 = 0

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

Jul. 18, 2019

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

<u>Week Day Codes:</u>	<u>No. of Days with AQI Values</u>		<u>Total Days with AQI Values :</u>		<u>Days CO = 0</u>
F - Friday	Good < or = 50 :	311	366		Days O3 = 165
S - Saturday	Moderate 51-100 :	53			
U - Sunday	Unhealthy for Sensitive Groups 101-150 :	2	Highest AQI/YR : 122		Days SO2 = 31
M - Monday	Unhealthy 151-200 :	0			
T - Tuesday	Very Unhealthy 201-300 :	0	Days PM2.5 = 170		Days NO2 = 0
W - Wednesday	Hazardous > 301 :	0			
H - Thursday					Days PM10 = 0

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

Jul. 18, 2019

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:	<u>No. of Days with AQI Values</u>		Days CO = 0
F - Friday	Good < or = 50 : 270	Total Days	Days O3 = 121
S - Saturday	Moderate 51-100 : 93	with AQI Values : 363	Days SO2 = 23
U - Sunday	Unhealthy for Sensitive Groups 101-150 : 0		Days NO2 = 0
M - Monday	Unhealthy 151-200 : 0	Highest AQI/YR : 97	Days PM2.5 = 219
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

Jul. 18, 2019

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

Jul. 18, 2019

MSA: Wilmington, NC

YEAR: 2015

	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	43 H	23 U	34 U	45 W	42 F	27 M	45 W	48 S	30 T											35 U	2 T	
A	02	40 F	17 M	30 M	47 H	44 S	25 T	57 H	46 U	45 W											22 M	13 W	
Y	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	
O	05	13 M	35 H	10 H	44 U	50 T	25 F	38 U	53 W	42 S											25 H	32 S	
F	06	20 T	22 F	33 F	46 M	41 W	36 S	37 M	46 H	20 U											23 F	20 U	
M	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	
O	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	
N	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	
T	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	
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

Jul. 18, 2019

MSA: Wilmington, NC

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	9 F	15 M	57 T	38 F	42 U	27 W	32 F	31 M	25 H	31 S	11 T	23 H										
A	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										
Y	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										
O	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										
F	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										
M	06	5 W	16 S	26 U	44 W	31 F	22 M	42 W	29 S	40 T		12 U	0 T										
O	07	14 H	5 U	28 M	45 H	50 S	45 T	37 H	31 U	54 W		5 M	0 W										
N	08	9 F	5 M	25 T	43 F	58 U	50 W	40 F	35 M	56 H		18 T	27 H										
T	09	10 S	20 T	18 W	45 S	66 M	46 H	41 S	17 T	40 F		29 W	13 F										
H	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

Jul. 18, 2019

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

<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 :	340			Days O3 = 173	
S - Saturday	Moderate 51-100 :	25			Days SO2 = 9	
U - Sunday	Unhealthy for Sensitive Groups 101-150 :	0			Days NO2 = 0	
M - Monday	Unhealthy 151-200 :	0			Days PM2.5 = 183	
T - Tuesday	Very Unhealthy 201-300 :	0			Days PM10 = 0	
W - Wednesday	Hazardous > 301 :	0				
H - Thursday			Highest AQI/YR : 67			

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

Jul. 18, 2019

MSA: Wilmington, NC

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	13	M	15	H	32	H	46	U	67	T	46	F	26	U	17	W	19	S			4	H	8	S
02	15	T	10	F	44	F	47	M	64	W	45	S	28	M	21	H	16	U			12	F	0	U
03	18	W	8	S	44	S	34	T	46	H	44	U	42	T	20	F	22	M			6	S	25	M
04	19	H	9	U	41	U	43	W	46	F	44	M	23	W	19	S	30	T			6	U	14	T
05	15	F	20	M	44	M	48	H	42	S	47	T	23	H	25	U	29	W			0	M	9	W
06	21	S	8	T	44	T	64	F	25	U	74	W	19	F	31	M	29	H	46	S	5	T	13	H
07	9	U	6	W	36	W	43	S	33	M	58	H	28	S	33	T	28	F	21	U	9	W	24	F
08	11	M	15	H	38	H	44	U	35	T	48	F	28	U	39	W	25	S	35	M	7	H	20	S
09	20	T	21	F	44	F	38	M	30	W	31	S	35	M	36	H	20	U	36	T	18	F	0	U
10	14	W	0	S	55	S	36	T	50	H	33	U	77	T	48	F	22	M			10	S	8	M
11	12	H	10	U	28	U	48	W	71	F	44	M	74	W	33	S					18	U	38	T
12	0	F	2	M	34	M	51	H	71	S	32	T	47	H	36	U					10	M	18	W
13	10	S	20	T	43	T	47	F	47	U	35	W	44	F	35	M					6	T	25	H
14	10	U	15	W	43	W	43	S	31	M	35	H	33	S	47	T					15	W	4	F
15	21	M	15	H	48	H	31	U	22	T	44	F	35	U	41	W			42	M	0	H	0	S
16	20	T	25	F	71	F	36	M	35	W	51	S	31	M	34	H			31	T	5	F	5	U
17	24	W	11	S	48	S	46	T	32	H	38	U	34	T	30	F			26	W	20	S	0	M
18	30	H	13	U	44	U	71	W	27	F	32	M	31	W	28	S			38	H	18	U	21	T
19			10	M	44	M	74	H	22	S	41	T	46	H	23	U			43	F	20	M	19	W
20	21	S			34	T	54	F	29	U	47	W	33	F	33	M			28	S	30	T	7	H
21			4	W	27	W	71	S			50	H	30	S	28	T			31	U	10	W	17	F
22	25	M	6	H	44	H	67	U			54	F	43	U	34	W			33	M	23	H	0	S
23	8	T	2	F	48	F	45	M	29	W	58	S	46	M	40	H			34	T	5	F	15	U
24	7	W	1	S	44	S	54	T	43	H	38	U	48	T	44	F			37	W	0	S	8	M
25	13	H	0	U	44	U			42	F	42	M	40	W	35	S			31	H	13	U	10	T
26	6	F	6	M	43	M	47	H	19	S	37	T	35	H	38	U			28	F	6	M	15	W
27	3	S	3	T	31	T	45	F	24	U	36	W	35	F	34	M			22	S	2	T	10	H
28	0	U	6	W	43	W	50	S	27	M	39	H	36	S	21	T			35	U	16	W	8	F
29	0	M			44	H	45	U	23	T	43	F	31	U	27	W			37	M	28	H	5	S
30	5	T			40	F	50	M	28	W	31	S	20	M	31	H			34	T	37	F	14	U
31	8	W			44	S			24	H			30	T	30	F			42	W			10	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 : 308
Moderate 51-100 : 21
Unhealthy for Sensitive Groups 101-150 : 0
Unhealthy 151-200 : 0
Very Unhealthy 201-300 : 0
Hazardous > 301 : 0

Total Days
with AQI Values : 329
Highest AQI/YR : 77

Days CO = 0
Days O3 = 201
Days SO2 = 0
Days NO2 = 0
Days PM2.5 = 128
Days PM10 = 0