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AWIS Hourly Forecast For Raleigh-Durham, NC
Produced at 4:29 PM CDT on Thu Mar 23 2017
Day-Length = 12:15 / Sunrise at 7:14AM / Sunset at 7:29PM

Local Forecast For Thursday March 23, 2017
Hour 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
MIN= 31 MAX= 55
TEMP 42 40 38 37 36 35 35 31 33 36 40 44 46 48 51 52 55 55 52 49 46 44 41 39
DEWP 21 20 20 19 19 19 19 19 17 17 17 16 16 16 17 18 18 18 20 20 21 21 20 20
WETB 34 33 32 31 30 30 30 27 28 30 32 35 36 37 39 39 41 41 40 38 37 36 34 32
WNDS 3 2 1 1 1 1 2 3 6 6 6 7 7 7 6 6 6 7 6 5 3 3 5 6
WNDD E ENE NE ENE E SE ESE SSE
CLDC CLR CLR CLR FEW FEW FEW CLR CLR
INV 0 1 2 2
DEWF
POP6 0
Q1 0

Local Forecast For Friday March 24, 2017
Hour 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
MIN= 31 MAX= 68
TEMP 38 37 36 35 34 31 31 33 37 44 49 55 58 61 64 65 66 68 68 65 63 60 58 56
DEWP 20 21 21 21 21 24 24 22 27 31 32 34 36 37 38 38 38 35 35 41 42 41 41 41
WETB 32 31 31 30 30 29 29 29 33 39 42 45 48 49 51 52 52 52 53 52 50 49 48
WNDS 6 6 5 5 3 2 2 2 3 5 6 7 9 11 15 15 15 16 14 10 7 7 7 8
WNDD SSE SSE S SSW SW SW SSW SSW
CLDC CLR CLR FEW SCT BKN BKN FEW CLR
INV 2 3 3 4 5 8 8 7 4 1 0 0 0 0 0 0 0 0 0 0 0 1 1 2
DEWF F F
POP6 0
Q1 0

Local Forecast For Saturday March 25, 2017
Hour 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
MIN= 48 MAX= 74
TEMP 55 54 53 53 52 48 48 51 53 57 62 65 68 71 74 74 74 69 64 63 62 62 61 60
DEWP 41 42 42 43 43 44 44 44 46 46 48 48 49 48 49 49 49 49 50 50 50 50 50 50
WETB 48 48 48 48 48 46 46 48 49 51 54 56 57 58 60 60 60 58 56 56 55 55 55 54
WNDS 8 8 7 7 6 5 5 5 5 9 10 11 11 11 10 10 10 9 9 8 7 7 7 6
WNDD SSW SSW SSW SSW SSW SSW S
CLDC FEW SCT BKN BKN FEW BKN SCT CLR
INV 2 2 3 3 3 5 5 4 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1
DEWF D D D D
POP6 3 5 5 20 20 20 20 5
Q1 0

Local Forecast For Sunday March 26, 2017
Hour 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
MIN= 54 MAX= 74
TEMP 59 58 57 56 56 55 54 54 57 61 64 66 69 72 74 74 74 70 66 65 64 63 63 62
DEWP 50 50 49 50 50 50 50 50 50 51 51 51 51 52 52 52 53 53 53 53 53 53 54 54
WETB 54 54 53 53 53 52 52 52 53 55 57 57 59 60 61 61 61 60 58 58 58 57 58 57
WNDS 6 6 7 7 7 6 6 6 7 9 11 14 14 13 11 11 11 13 11 10 9 9 9 10
WNDD S S SSE S S S
CLDC CLR CLR FEW CLR SCT BKN BKN SCT
INV 1 1 1 2 2 2 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
DEWF D D D D D D D
POP6 5 5 5 30 30 40 40 35
Q1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 2 2 2 4 4 3 2 2 3

Local Forecast For Monday March 27, 2017

Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	MIN= 57											MAX= 76												
TEMP	61	61	60	59	58	58	57	57	60	63	66	69	71	74	76	76	76	72	68	67	66	65	65	64
DEWP	54	54	54	54	54	55	55	55	55	55	55	55	55	56	55	55	55	56	56	56	55	55	56	55
WETB	57	57	57	56	56	56	56	56	57	58	60	61	61	63	63	63	63	62	61	61	60	59	60	59
WNDS	10	10	9	9	9	8	8	8	7	7	7	8	8	8	8	8	8	7	7	6	5	5	5	5
WNDD			SSW		SSW			SSW				SW		SW			SW			SSW			SW	
CLDC			CLR		SCT			SCT				OVC		OVC			BKN			SCT			FEW	
INV	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DEWF						D	D	D	D															
POP6			35			35			35			30			30			25			25			35
Q1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Local	Forecast For											Tuesday											March 28, 2017										
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
	MIN= 59											MAX= 80																					
TEMP	63	63	62	61	60	60	59	59	62	66	70	72	75	77	80	80	80	74	68	67	66	65	64	63									
DEWP	55	56	55	55	55	55	55	55	54	55	55	54	54	53	53	53	53	53	53	53	53	52	52	52									
WETB	58	59	58	58	57	57	57	57	57	60	61	61	62	63	64	64	64	61	59	59	58	58	57	57									
WNDS	5	5	6	6	6	6	6	6	5	6	7	8	8	8	8	8	8	9	8	7	6	6	6	6									
WNDD			SSW		SSW			SSW				SW		SW			SW			SW			WSW										
CLDC			SCT		BKN			BKN				FEW		SCT			SCT			SCT			SCT										
INV	1	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1									
DEWF	D	D	D	D	D	D	D	D	D																								
POP6			35			35			35			30			30			40			40			35									
Q1	0	0	1	0	0	1	1	1	1	1	1	0	0	0	1	2	2	1	3	3	3	1	1	1									

Local	Forecast For											Wednesday											March 29, 2017										
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
	MIN= 56											MAX= 76																					
TEMP	62	61	60	59	58	57	56	56	59	63	66	68	71	74	76	76	76	69	62	61	60	59	58	57									
DEWP	52	52	52	52	51	51	51	51	50	50	49	47	47	47	46	45	45	45	45	45	45	45	45	45									
WETB	56	56	56	55	54	54	53	53	54	56	57	57	58	59	59	59	59	56	53	53	52	52	51	51									
WNDS	6	6	7	7	7	7	7	7	7	8	9	11	11	10	9	9	9	8	8	8	7	7	8	9									
WNDD			WNW		NW			NW				NNW		NNW			NNW			NNW			NNW										
CLDC			CLR		CLR			CLR				CLR		CLR			CLR			FEW			CLR										
INV	1	1	2	2	2	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1									
DEWF			D	D	D	D	D	D	D																								
POP6			35			5			5			0			0			0			0			0									
Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

Local	Forecast For											Thursday											March 30, 2017										
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
	MIN= 49											MAX= 68																					
TEMP	56	55	54	52	51	50	49	49	52	55	58	61	63	66	68	68	68	63	58	57	56	55	54	53									
DEWP	45	45	45	44	44	44	44	44	44	43	43	44	43	44	43	43	44	40	42	45	47	48	49	49									
WETB	50	50	49	48	48	47	47	47	48	49	50	52	53	54	55	55	55	51	50	51	51	51	51	51									
WNDS	9	9	8	8	8	7	7	7	6	6	6	6	6	5	3	3	3	3	3	3	5	5	5	5									
WNDD			NNE		ENE			E				E		S			WSW			S			SSW										
CLDC			CLR		CLR			FEW				FEW		FEW			CLR			CLR			CLR										
INV	1	1	1	2	2	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1									
DEWF						D	D	D															D	D	D								
POP6			0			0			0			0			0			0			0			5									
Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

Local	Forecast For											Friday											March 31, 2017										
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
	MIN= 47											MAX= 68																					
TEMP	52	51	51	50	49	48	47	47	51	54	58	60	63	65	68	68	68	62	56	56	55	54	53	52									
DEWP	49	49	50	49	48	48	47	44	47	47	48	47	49	51	53	54	52	46	46	49	50	49	49	48									
WETB	50	50	50	50	49	48	47	46	49	50	53	53	55	57	59	60	59	53	51	52	52	51	51	50									
WNDS	5	5	3	3	3	3	5	6	7	7	8	9	8	7	6	6	6	7	7	6	5	6	7	8									
WNDD			SW		E			NE				ENE		E			ESE			E			E										
CLDC			CLR		CLR			CLR				FEW		SCT			BKN			BKN			BKN										
INV	1	2	2	2	3	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1									

DEWF	D	D	D	D	D	D	D	D	D	D											D	D	D	D
POP6			5			0			0			0			0			20			20			30
Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Local	Forecast For Saturday April 1, 2017																								
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	MIN= 45											MAX= 68													
TEMP	51	50	49	48	47	46	45	45	49	53	56	59	62	65	68	68	68	62	56	54	53	52	51	50	
DEWP	47	46	46	45	45	45	44	44	48	52	55	57	60	62	63	62	60	50	44	49	50	49	48	47	
WETB	49	48	48	47	46	46	45	45	49	52	55	58	61	63	65	64	63	55	50	51	51	50	50	49	
WNDS	8	8	8	8	8	8	8	8	7	7	7	6	6	5	3	5	6	7	7	7	7	7	7	7	
WNDD			E			E			E			E			ESE		SSW				SW				
CLDC			BKN			OVC			OVC			OVC			OVC		FEW				SCT				
INV	1	1	1	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
DEWF	D	D	D	D	D	D	D	D	D	D	D	D										D	D	D	D
POP6			30			40			40			30			30			0			0				
Q1	0	0	1	2	2	3	5	5	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	

Where:

- TEMP = Air Temperature (F; at 5 feet)
- DEWP = Dewpoint Temperature (F; at 5 feet)
- WETB = Wetbulb Temperature (F; at 5 feet)
- WNDS = Wind Speed (MPH; 2-minute average on the hour measured at 33 feet)
- WNDD = Wind Direction (Blowing from this direction; same as wind speed)
- CLDC = Cloud Cover (on the hour)
 - CLR = Clear skies [< 5% Cloud Cover]
 - FEW = Few clouds [5-25% Cloud Cover]
 - SCT = Scattered clouds [25-50% Cloud Cover]
 - BKN = Broken clouds [50-87% Cloud Cover]
 - OVC = Overcast clouds [87-100% Cloud Cover]
- INV = Inversion Temperature (F) at 50-150ft above ground
- DEWF = Dew/Frost (D=dew; F=Frost; Blank is dry)
- POP6 = Probability of Precip (% Ending 6 Hour Period)
- Q1 = Quantitative Precip (Hourly / Hundreths of Inch)

These are site specific forecasts, typically for locations with limited obstructions to wind. Users are encouraged to become familiar with potential climate differences between this location and their local growing areas. Significant differences can occur within small distances due to varying topography, prevailing wind direction, location to bodies of water, cold air drainage, and other physical characteristics including the current synoptic weather pattern.

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