

TUESDAY September 1, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|-----------------------|-----------------------|-------------------------|----------------|--|
| Max. 66 °F | Dir. — | Temp 72 °F | | | | |
| Min. 46 °F | Vel. 0 m.p.h. | Read. 29.23 in. | | | | |
| Set 48 °F | Char. Calm | Corr. 29.11 in. | * FOG BANK N-W | | | |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 30.49 in. | Clds. 0/10 | Clds. 1/10 | Clds. 1/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +3' mb | Wx clear * COLD | Wx COOL LT BREEZE | Wx clear | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AS | Vis. 25 mi. | Vis. 25 mi. | Vis. 17 mi. | |

\bar{F} : 56
HDD: 9
 Σ HDD: 9
CDD: 0
 Σ CDD: 0

DAVIS: 48/42
TUNV: 44/44
MMTS: 64/44/46

TW: 48
TD: 48

Σ PCN_L: 0.00"
 Σ PCN_S: 0.00"

9/1/2009

wednesday September 2, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|-------------------------|-----------------------|------------------|---------------------|--|
| Max. 69 °F | Dir. ESE | Temp 72 °F | | | | |
| Min. 47 °F | Vel. 1 m.p.h. | Read. 29.20 in. | | | | |
| Set 50 °F | Char. calm | Corr. 29.08 in. | * FOG BANK N-W | | | |
| | | | 0700 | 1300 | 1900 | |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 30.58 in. | Clds. 2/10 St | Clds. 3/10 Cu | Clds. St 1/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +0.10 mb | Wx Clear haze * | Wx | Wx Clear Calm | |
| Ppn. Sol. 00 in. | Snow Depth 0 in. | Observer BS | Vis. 17 mi. | Vis. 25 mi. | Vis. 25 mi. | |

T: 58
HDD: 7
ΣHDD: 16
CDD: 0
ΣCDD: 0

TOADS: 51/51
TUM: 46/46
MMTS: 67/45/48

Tw: 51
T₀: 51

ΣACN₁: 0.00"
ΣACN₂: 0.00"

9/2/2009

Thursday September 3, 2009
0700 EST

Meteorological Observations
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|----------------------|-----------------------------|------------------|------------------------------|--|
| Max. 74 °F | Dir. ESE | Temp 72 °F | | | | |
| Min. 50 °F | Vel. 1 m.p.h. | Read. 29.15 in. | | | | |
| Set 51 °F | Char. Calm | Corr. 29.03 in. | 0700 | 1300 | 1900 | |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 30.40 in. | Clds. ST 2/10 | Clds. C' 2/10 | Clds. C ₁ 4/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +1 mb | Wx COOL FOG | Wx Clear | Wx M. Clear | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AJ | Vis. 0.25 mi. 0.5 | Vis. 25 mi. | Vis. 25 mi. | |

F: 62
HDD: 3
 Σ HDD: 19
CDD: 0
 Σ CDD: 0

DAMS: 51/51
TURN: 48/48
MMTS: 72/48/50

TW: 51
TD: 51

Σ PCN_L: 0.00"
 Σ PCN_S: 0.00"

9/3/09

Friday September 4, 2009 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|-----------------------|--------------------|---------------------|--------------------|--|
| Max. 75 °F | Dir. E | Temp 72 °F | | | | |
| Min. * 51 °F | Vel. 1 m.p.h. | Read. 29.04 in. | | | | |
| Set 54 °F | Char. Light | Corr. 28.92 in. | * GVNT LOW: 54 | | | |
| | | | 0700 | 1300 | 1900 | |
| R.H. 94 % | 24 hr. Mov. — mi. | Sea L. 30.28 in. | Clds. 0/10 | Clds. Cu 2/10 | Clds. 3/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. 0.0 mb | Wx Haze Cool | Wx Sunny Warm | Wx warm calm | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer KR | Vis. 17 mi. | Vis. 25 mi. | Vis. 25 mi. | |

T: 63
HDD: 2
ΣHDD: 21
CDD: 0
ΣCDD: 0

Tpavis: 54/54
Tuvv: 52/52
MMTS: 73/49/53

Tw: 51
Td: 52

εPCNL: 0.00"
εPCNs: 0.00"

9/4/2009

Saturday September 5, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|--|----------------------|------------------------|---------------------|-------------|----------------|
| Max. 77 °F | | Dir. NE | Temp 73 °F | | | |
| Min. 54 °F | | Vel. 1 m.p.h. | Read. 29.18 in. | | | |
| Set 57 °F | | Char. Light | Corr. 29.05 in. | * DUNT LOW 57 | | |
| | | | | 0700 | 1300 | 1900 |
| R.H. 96 % | | 24 hr. Mov. — mi. | Sea L. 30.36 in. | Clds. 0/10 | Clds. | Clds. 1/10 |
| Ppn. Liq. 0.0 in. | | Prev. Dir. — | 3 hr. Tend. 12.0 mb | Wx sunny cool | Wx | Wx m. clear |
| Ppn. Sol. 0.0 in. | | Snow Depth 0 in. | Observer FM | Vis. 17 mi. | Vis. mi. | Vis. 25 mi. |

T: 66
HDD: 2
 Σ HDD: 21
CDD: 1
 Σ CDD: 1

T Davis: 60/60
Tuv: 59/59
MMTS: 76/53/50

Tw: 58
Td: 57

Σ PCNL: 0.00"
 Σ PCNs: 0.00"

9/5/2009

Sunday, September 6, 2009 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|------------------|--------------|----------------|--|
| Max. 78 °F | Dir. Var | Temp 74 °F | | | | |
| Min 55 °F | Vel. 0 m.p.h. | Read. 29.19 in. | | | | |
| Set 57 °F | Char. Calm | Corr. 29.07 in. | 0700 | 1300 | 1900 | |
| R.H. 87 % | 24 hr. Mov. — mi. | Sea L. 30.39 in. | Clds. ci 3/10 | Clds. | Clds. 3/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +1.5 mb | Wx Clear | Wx | Wx m. clear | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AB | Vis. 25 mi. | Vis. mi. | Vis. 27 mi. | |

\bar{T} : 58
HDD: 0
 Σ HDD: 21
CDD: 2
 Σ CDD: 2

T_{DAVIS} : 60/58
 T_{WV} : 55/51
MNTS: 76/53/57

T_U : 57
 T_D : 55

ΣPCN_L : 0.00"
 ΣPCN_S : 0.0"

9/6/2009

Monday September 7, 2009 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|-------------------|-------------------|-------------------|--|
| Max. 77 °F | Dir. ESE | Temp 74 °F | * ONNT LOW = 67 | | | |
| Min. * 57 °F | Vel. 1 m.p.h. | Read. 29.10 in. | | | | |
| Set 67 °F | Char. light | Corr. 28.48 in. | 0700 | 1300 | 1900 | |
| R.H. 100 % | 24 hr. Mov. - mi. | Sea L. 30.30 in. | Clds. ST 10/10 | Clds. ST 10/10 | Clds. ST 10/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. - | 3 hr. Tend. -0.5 mb | Wx overcast | Wx cloudy | Wx cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AF | Vis. 4 mi. | Vis. 17 mi. | Vis. 10 mi. | |

\bar{T} : 67
HDD: 0
 Σ HDD: 21
CDD: 2
 Σ CDD: 5

T_{DAVIS}: 64/63
T_{UNV}: 63/61
MMTS: 75/55/63

T_w: 64
T_s: 64

Σ PCN_L: 0.00'

Σ PCN_S: 0.0'

4/7/2009

Tuesday September 8, 2009

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|----------------------|-----------------------|--------------------------|-------------------|----------------|--|
| Max. 68 °F | Dir. NE | Temp 74 °F | -RA 2015-2100, 2115-2130 | | | |
| Min. 63 °F | Vel. 3 m.p.h. | Read. 29.05 in. | -RA 0530-0600 | | | |
| Set 63 °F | Char. Light | Corr. 28.92 in. | 0700 | 1300 | 1900 | |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 30.25 in. | Clds. S+ 10/10 | Clds. S+ 10/10 | Clds. V10 | |
| Ppn. Liq. T in. | Prev. Dir. — | 3 hr. Tend. +1' mb | Wx Cloudy Muggy | Wx CALM | Wx Clear | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AS | Vis. 5 mi. | Vis. 10 mi. | Vis. 17 mi. | |

T: 66
HDD: 0
ΣHDD: 21
CDD: 1
ΣCPD: 6

T_{DAVIS}: 63/63
T_{LOW}: 62/62
MMTS: 65/62/62

T_w: 63
T_D: 63

ΣPAN_L: 0.00"
ΣPAN_S: 0.00'

9/8/2009

Wednesday September 9, 2009 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------|----------------------|---------------------|--------------------------------------|----------------------------|-------------------------------------|-----------------|
| Max. 72 °F | Dir. WSW | Temp 74 °F | 29.04 in. 28.91 in. | -RA 1400 LT -RA 1900 LT | | |
| Min. 61 °F | Vel. 0 m.p.h. | Read. | | | | |
| Set 62 °F | Char. calm | Corr. | | | | |
| R.H. 93 % | 24 hr. Mov. — mi. | Sea L. 30.38 in. | 0700 Clds. 10/10 st | 1300 Clds. 4/10 Cu | 1900 Clds. 8/10 st | |
| Ppn. T in. | Liq. in. | Prev. Dir. — | 3 hr. Tend. / +20 mb | Wx fog | Wx | Wx m. cloudy |
| Ppn. 0.0 in. | Sol. in. | Snow Depth 0 in. | Observer BS | Vis. 4 mi. | Vis. 17 mi. | Vis. 25 mi. |

F: 67
HDD: 0
ΣHDD: 21
CDD: 2
ΣCDD: 8

T_{04VIS}: 62/62
T_{UVV}: 59/59
MMTS: 70/60/61

T_w: 62
T₀: 60

ΣPCN₀:
ΣPCN₅: 0 0"

9/9/2009

Thursday September 10, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|----------------------|---|---|----------------------|--|
| Max. 73 °F | Dir. ENE | Temp 74 °F | -RA 2145-2200 -RA 0200-0215 -DZ 0215-0230 | | | |
| Min. 59 °F | Vel. 7 m.p.h. | Read. 29.29 in. | | | | |
| Set 59 °F | Char. Light | Corr. 29.17 in. | 0700 | 1300 | 1900 | |
| R.H. 75 % | 24 hr. Mov. — mi. | Sea L. 30.52 in. | Clds. St 6/10 AlcW | Clds. AlcW 7/10 C: | Clds. St 10/10 | |
| Ppn. Liq. 0.01 in. | Prev. Dir. — | 3 hr. Tend. +5 mb | Wx M. Cloudy cool | Wx Partly Sunny Partly Sunny | Wx Cloudy Calm | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AS | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. | |

T: 66
HDD: 0
 Σ HDD: 21
CDD: 1
 Σ CDD: 9

T DAVIS: 60/54
TUNV: 58/51
MMTS: 71/58/58

TW: 55
TB: 51

Σ PCN_L: 0.01"
 Σ PCN_S: 0.00"

9/10/2009

Friday September 11, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|----------------------|------------------------|-------------------------|--------------------------|----------------------|--|
| Max. 68 °F | Dir. N | Temp 72 °F | - DZ 0730 - 0800 LT | | | |
| Min. 55 °F | Vel. 4 m.p.h. | Read. 29.12 in. | | | | |
| Set 55 °F | Char. Light | Corr. 29.00 in. | 0700 | 1300 | 1900 | |
| R.H. 90 % | 24 hr. Mov. — mi. | Sea L. 30, 36 in. | Clds. St 10/10 | Clds. NS 10/10 | Clds. NS 10/10 | |
| Ppn. Liq. Tr in. | Prev. Dir. — | 3 hr. Tend. -1.0 mb | Wx cloudy drizzle | Wx cloudy Lt. Rain | Wx cloudy MIST | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer KR | Vis. 17 mi. | Vis. 7 mi. | Vis. 17 mi. | |

T: 62
HDD: 3
 Σ HDD: 24
CDD: 0
 Σ CDD: 9

Tdavis: 56/54
Tunv: 54/53
MMTS: 66/54/54

Tw: 53
Td: 52

Σ PCNs: 0.01"
 Σ PCNs: 0.00"

9/11/2009

Saturday September 12, 2009

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | Wind | Barom. | General Obs. | | |
|----------------------|---------------------|-----------------------|---|---------------|-------------------------------|
| Max. 59 °F | Dir. N | Temp 72 °F | 0800-02 0800-0820 -LTRAIN 0820-1400 -RN 1420-1840 -DZ 0040-0200 | | |
| Min. 54 °F | Vel. 2 m.p.h. | Read. 28.98 in. | | | |
| Set 57 °F | Char. Light | Corr. 28.86 in. | | | |
| R.H. 100 % | 24 hr. Mov. mi. | Sea L. 36.21 in. | 0700 Clds. 10/10 | 1300 Clds. | 1900 Clds. Sc, Cs 10/10 |
| Ppn. Liq. .99 in. | Prev. Dir. --- | 3 hr. Tend. - 0 mb | Wx cloudy & drizzle | Wx | Wx OVC |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer FM | Vis. 1.6 mi. | Vis. mi. | Vis. 17 mi. |

* CUM LRU 57

\bar{T} : 58
HDD: 8
 Σ HDD: 32
CDD: 0
 Σ CDD: 9

Tdavis: 59/59
Tuniv: 57/57
MMS: 57/53/57

Tw: 58
Td: 57

Σ PCN_L: 1.00"
 Σ PCN_S: 0.00"

9/12/2009

Sunday September 13, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|---------|--------------------|------------------------|---|-------------|----------------|
| Max. 57 °F | | Dir. Var | Temp 73 °F | Overnight Low 58°F -22, 0000-14 035-1030 -22 ~ 1430-1500, ~1630 | | |
| Min. 57 °F | * °F | Vel. 0 m.p.h. | Read. 28.89 in. | | | |
| Set 57 °F | | Char. Calm | Corr. 28.76 in. | 0700 | 1300 | 1900 |
| R.H. 81 % | | 24 hr. Mov. mi. | Sea L. 30.06 in. | Clds. 0/10 | Clds. | Clds. 2/10 |
| Ppn. Liq. 0.02 in. | | Prev. Dir. | 3 hr. Tend. +0.5 mb | Wx Clear | Wx | Wx m. clear |
| Ppn. Sol. 0.0 in. | | Snow Depth in. | Observer AB | Vis. 25 mi. | Vis. mi. | Vis. 17 mi. |

\bar{T} : 62
HDD: 3
 Σ HDD: 35
CDD: 0
 Σ CDD: 9

T_{davis} : 62/57
 T_{unv} : 62/54
 T_{MTS} : 65/56/59

T_w : 57
 T_d : 54

ΣPCN_L : 1.02"

ΣPCN_S : 0.0 "

9/13/2009

Monday September 14, 2009 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|----------------|-------------------|------------------|--|
| Max. 76 °F | Dir. WNW | Temp 72 °F | +0000 LOW: 60 | | | |
| Min. 59* °F | Vel. 3 m.p.h. | Read. 28.90 in. | | | | |
| Set 61 °F | Char. light | Corr. 28.78 in. | 0700 | 1300 | 1900 | |
| R.H. 93 % | 24 hr. Mov. - mi. | Sea L. 30.11 in. | Clds. 0/10 | Clds. St 10/10 | Clds. St 5/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. - | 3 hr. Tend. +0.5 mb | Wx clear | Wx cloudy | Wx P. Cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AF | Vis. 17 mi. | Vis. 17 mi. | Vis. 25 mi. | |

T: 68
HDD: 0
 Σ HDD: 35
CDD: 3
 Σ CDD: 12

T_{DAVIS}: 62/62
T_{unv}: 60/60
MMTS: 75/59/60

T_w: 60
T_g: 59

Σ PCNL: 1.02"
 Σ PCN₃: 0.0"

9/14/09

Tuesday September 5, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|----------------------|-------------------------|-------------------------|----------------|------|
| Max. 75 °F | Dir. NW | Temp 73 °F | | | | |
| Min. 57 °F | Vel. 1 m.p.h. | Read. 28.93 in. | | | | |
| Set 59 °F | Char. Light | Corr. 28.81 in. | | 0700 | 1300 | 1900 |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 30.14 in. | Clds. StCU 7/10 St | Clds. 10/10 | Clds. 8/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +1 mb | Wx m. cloudy cool | Wx warm lt breeze | Wx cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AJ | Vis. 17 mi. | Vis. 17 mi. | Vis. 17 mi. | |

\bar{T} : 26
HDD: 0
 Σ HDD: 35
CDD: 1
 Σ CDD: 13

T_{DAVIS} : 58/58
 T_{UNV} : 58/57
MMTS: 74/56/57

T_W : 21
 T_D : 59

ΣPCN_L : 1.02"
 ΣPCN_S : 0.00"

9/15/2009

Wednesday, September 16, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|-----------------|--------------------|-----------------|------|------|
| Max. 76 °F | Dir. NE | | | Temp 73 °F | | | |
| Min. 53 °F | Vel. 7 m.p.h. | | | Read. 29.05 in. | | | |
| Set 53 °F | Char. Steady | | | Corr. 28.93 in. | 0700 | 1300 | 1900 |
| R.H. 89 % | 24 hr. Mov. — mi. | Sea L. 30.35 in. | Clds. 8/10 c | Clds. 8/10 | Clds. 6/10 | | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +2.0 mb | Wx m. cloudy | Wx m. cloudy | Wx p. cloudy | | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer BS | Vis. 25 mi. | Vis. 17 mi. | Vis. 25 mi. | | |

T: 65
HDD: 0
EHDD: 35
CDD: 0
ECDD: 13

T PAVS: 55/51
TUMV: 53/47
MMTB: 75/53/53

TW: 53
T0: 50

ERML: 1.02"
SPEN: 0.0"

9/16/2009

Thursday September 17, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|--|----------------------|-----------------------|----------------------|----------------------|----------------------|
| Max. 67 °F | | Dir. E | Temp 72 °F | | | |
| Min. 53* °F | | Vel. 3 m.p.h. | Read. 29.13 in. | | | |
| Set 57 °F | | Char. Light | Corr. 29.01 in. | *OVNT LOW: 57 | | |
| | | | | 0700 | 1300 | 1900 |
| R.H. 89 % | | 24 hr. Mov. — mi. | Sea L. 30.36 in. | Clds. St 10/10 | Clds. St 10/10 | Clds. St 10/10 |
| Ppn. Liq. 0.00 in. | | Prev. Dir. — | 3 hr. Tend. +2' mb | Wx cloudy cool | Wx cloudy cool | Wx cloudy MIST |
| Ppn. Sol. 0.0 in. | | Snow Depth 0 in. | Observer AS | Vis. 25 mi. | Vis. 24 mi. | Vis. 17 mi. |

T: 40
HDD: 5
ΣHDD: 40
CPD: 0
ΣCDD: 13

T Davis: 58/56
T UNV: 57/53
MMTS: 65/53/57

TW: 58
TD: 54

ΣPCNL: 1.02"
ΣPCNS: 0.00"

9/17/2009

Friday September 18, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|----------------------|------------------------|---|------------------------|----------------------|--|
| Max. 51 °F | Dir. SW | Temp 72 °F | -DZ, OCC - RA ~1100 - 1300 LT -RA 0220 - 0240 LT | | | |
| Min. 57 °F | Vel. 4 m.p.h. | Read. 29.04 in. | | | | |
| Set 57 °F | Char. Light | Corr. 28.92 in. | 0700 | 1300 | 1900 | |
| R.H. 97 % | 24 hr. Mov. — mi. | Sea L. 30.27 in. | Clds. ST 10/10 | Clds. Ci 2/10 | Clds. As. 6/10 cu | |
| Ppn. Liq. Tr in. | Prev. Dir. — | 3 hr. Tend. -0.0 mb | Wx Cloudy Fog | Wx M. clear Haze | Wx P. cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer KR | Vis. 1/4 mi. | Vis. 17 mi. | Vis. 25 mi. | |

T: 59
HDD: 6
 Σ HDD: 46
CDD: 0
 Σ CDD: 13

T Davis: 57/57
T Inv: 57/57
MMTS: 59/56/56

Tw: 56
Td: 56

Σ PCNL: 1.02"
 Σ PCNs: 0.00"

9/18/2009

Saturday September 19, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|--|----------------------|------------------------|----------------|-------------|----------------|
| Max. 74 °F | | Dir. - | Temp 72 °F | | | |
| Min. 50 °F | | Vel. 0 m.p.h. | Read. 29.43 in. | | | |
| Set 50 °F | | Char. calm | Corr. 29.31 in. | 0700 | 1300 | 1900 |
| R.H. 93 % | | 24 hr. Mov. - mi. | Sea L. 30.69 in. | Clds. 0/10 | Clds. | Clds. 0/10 |
| Ppn. Liq. 0.00 in. | | Prev. Dir. - | 3 hr. Tend. +2.0 mb | Wx clear | Wx | Wx clear |
| Ppn. Sol. 0.0 in. | | Snow Depth 0 in. | Observer AF | Vis. 25 mi. | Vis. mi. | Vis. 25 mi. |

\bar{T} : 62
HDD: 3
 Σ HDD: 49
CDD: 0
 Σ CDD: 13

T_{Davis} : 51/48
 T_{unv} : 49/45
MMTB: 72/48/49

T_w : 49
 T_o : 48

ΣPCN_L : 1.02"
 ΣPCN_S : 0.0"

9/19/2009

Sunday September 20, 2009

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|--|----------------------|----------------------|------------------------------|-------------|-----------------|
| Max. 68 °F | | Dir. — | Temp 74 °F | | | |
| Min. 42 °F | | Vel. 0 m.p.h. | Read. 29.18 in. | | | |
| Set 43 °F | | Char. Calm | Corr. 29.05 in. | 0700 | 1300 | 1900 |
| R.H. 100 % | | 24 hr. Mov. — mi. | Sea L. 30.43 in. | Clds. st 10/10 | Clds. | Clds. 5/10 |
| Ppn. Liq. 0.00 in. | | Prev. Dir. — | 3 hr. Tend. +1 mb | Wx Fog, cool | Wx | Wx P. cloudy |
| Ppn. Sol. 0.0 in. | | Snow Depth 0 in. | Observer AB | Vis. 0.25 mi. | Vis. mi. | Vis. 25 mi. |

$\bar{T}: 55$
HDD: 10
 Σ HDD: 59
COD: 0
 Σ COD: 13

$T_{DMS}: 44/44$
 $T_{uv}: (wt)$
MITS: 65/42/42

$T_w: 44$
 $T_d: 44$

$\Sigma PCN_L: 1.02''$
 $\Sigma PCN_S: 0.0''$

9/20/2009

Monday September 21, 2009

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|----------------------|--------------------|-------------------------|-------------------------|--|
| Max. 74 °F | Dir. SE | Temp 73 °F | ONNT LOW: 58 | | | |
| Min. 43 °F | Vel. 3 m.p.h. | Repd. 29.10 | | | | |
| Set 58 °F | Char. calm | Corr. 28.97 in. | 0700 | 1300 | 1900 | |
| R.H. 67 % | 24 hr. Mov. — mi. | Sea L. 30.28 in. | Clds. 5/10 | Ck CW 8/10 | Clds. CW 6/10 | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. 11 mb | Wx harm calm | Wx M. cloudy calm | Wx P. cloudy calm | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer FM | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. | |

T: 59
HDD: 6
ΣHDD: 65
CDD: 0
ΣCDD: 13

T DAVIS: 59/55
TUNNY: 56/55
HMTS: 71/42/85

TW: 52
Tα: 47

ΣPCN_L: 1.02"
ΣPCN_S: 0.0"

9/21/2009

Tuesday September 22, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|----------------------|-----------------------|---------------------------|-------------------|----------------|--|
| Max. 75 °F | Dir. SSW | Temp 72 °F | -SHRA 0730-0800 ~ 0630 | | | |
| Min. 58 * °F | Vel. 4 m.p.h. | Read. 29.16 in. | | | | |
| Set 66 °F | Char. Light | Corr. 29.04 in. | ONNTLOW: 65 | | | |
| R.H. 90 % | 24 hr. Mov. — mi. | Sea L. 30.37 in. | Clds. 10/10 | Clds. 10/10 Sc | Clds. 10/10 | |
| Ppn. Liq. T in. | Prev. Dir. — | 3 hr. Tend. +1' mb | Wx cloudy muggy | Wx | Wx overcast | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer RS | Vis. 25 mi. | Vis. 17 mi. | Vis. 17 mi. | |

T: 67
HDD: 0
 Σ HDD: 65
CDD: 2
 Σ CDD: 15

~~Taxis~~: 65/64
TUNY: 63/61
MMTD: 72/55/65

TW: 64
TD: 62

Σ PCN₂: 1.02"
 Σ PCN₅: 0.00"

9/22/2009

Wednesday September 23, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------------|----------------------|--------------------------|---|-----------------------|------------------|--|
| Max. 74 °F | Dir. SW | Temp 72 °F | -SHRA 09:20 LT -SHRA 1040-1320 LT -SHRA 1840 LT | | | |
| Min. 65 °F | Vel. 4 m.p.h. | Read. 29.03 in. | | | | |
| Set 66 °F | Char. Steady | Corr. 2891 in. | 0700 | 1300 | 1900 | |
| R.H. 90 % | 24 hr. Mov. — mi. | Sea L. 30.35 in. | Clds. 7/10 | Clds. 0/10 | Clds St. 8/10 | |
| Ppn. Liq. T in. | Prev. Dir. — | 3 hr. Tend. ↓ 20.0 mb | Wx Cloudy | Wx Clear MUSG 4 | Wx M. cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer BS | Vis. 10 mi. | Vis. 25 mi. | Vis. 7 mi. | |

$\bar{T}: 70$
HDD: 0
 Σ HDD: 65
CDD: 5
 Σ CDD: 20

Total IS: 66/66
T_{UVV}: 65/65
MMTS: 71/64/65

T_w: 65
T_e: 63

Σ PCN_L: 1.02"

Σ PCN_S: 0.0"

9/23/2009

Thursday, September 24, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|-----------------------|-------------------------------------|--------------------------|--------------------------|--|
| Max. 79 °F | Dir. WSW | Temp 74 °F | -RA 1500-1545, 1800-1845, 1900-1915 | | | |
| Min. 64 °F | Vel. 3 m.p.h. | Read. 29.05 in. | | | | |
| Set 65 °F | Char. Light | Corr. 28.92 in. | | | | |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 30.24 in. | 0700 Clds. CW 8/10 | 1300 Clds. CW 9/10 | 1900 Clds. ST 9/10 | |
| Ppn. Liq. 0.02 in. | Prev. Dir. — | 3 hr. Tend. +1/ mb | Wx M. Cloudy MUGGY | Wx M. Cloudy Calm | Wx Calm M. Cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AS | Vis. 3 mi. | Vis. 25 mi. | Vis. 25 mi. | |

T: 02
HDD: 0
 Σ HDD: 65
CDD: 7
 Σ CDD: 27

TUNV: 65/65
TUNV: 65/65
MMTS: 77/63/64

TW: 65
TD: 65

Σ PCWL: 1.04"
 Σ PCNS: 0.00"

9/24/2009

Friday September 25, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|-----------------------------------|-------------------------------|----------------------------|--|
| Max. 73 °F | Dir. NNE | Temp 72 °F | | | | |
| Min. 56 °F | Vel. 3 m.p.h. | Read. 29.12 in. | | | | |
| Set 56 °F | Char. Light | Corr. 29.00 in. | 0700 | 1300 | 1900 | |
| R.H. 84 % | 24 hr. Mov. — mi. | Sea L. 30.35 in. | Clds. w/10 <i>Ci AS</i> | Clds. w/10 <i>Co Cu</i> | Clds. 5/10 <i>Sc</i> | |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. +1.5 mb | Wx P <i>cloudy Cool</i> | Wx <i>Breezy Nice</i> | Wx <i>BREEZY</i> | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer KR | Vis. 17 mi. | Vis. 17 mi. | Vis. 25 mi. | |

F.65
HDD:0
 Σ HDD:65
CDD:0
 Σ CDD:27

T_{Drivis}: 57/55
T_{Unv}: 54/51
MMTS: 72/56/56

T_w: 53
T_d: 51

Σ PCN_L: 1.04"
 Σ PCN_S: 0.00"

9/25/2009

Saturday, September 26, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|----------------------|-----------------------------------|-------------|-------------------|
| Max. 68 °F | Dir. SSE | Temp 73 °F | | | |
| Min. 54 °F | Vel. 2 m.p.h. | Read. 29.21 in. | | | |
| Set 56 °F | Char. Light | Corr. 29.09 in. | | | |
| | | | 0700 | 1300 | 1900 |
| R.H. 62 % | 24 hr. Mov. — mi. | Sea L. 30.4 in. | Clds. ^{sea} cum 10/10 | Clds. | Clds. NS 10/10 |
| Ppn. Liq. 0.00 in. | Prev. Dir. — | 3 hr. Tend. -0 mb | Wx lt. wind cool | Wx | Wx RA |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer FM | Vis. 25 mi. | Vis. mi. | Vis. 4 mi. |

F 61
HDD 4
2HDD 69
CDB 0
2LDD 27

T Davis: 55/40
Toniv: 55/46
MNTS: 60/54/55

Iw 70
Td: 43

EPCN₂: 1.04"
EPCN₅: 0.00"

9/26/2009

Sunday September 27, 2009

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|--------------------------|----------------------|-------------------|---|-------------------|------|
| Max. 58 °F | Dir. V _w - | Temp 71 °F | | -RA 12:40 - 1540 +RA 1600 - 1740 RA 1800 - 2000 -RA 2020 - 2040 -RA 0240 - 0800 | | |
| Min. 53 °F | Vel. 0 m.p.h. | Read. 28.45 in. | | | | |
| Set 56 °F | Char. Calm | Corr. 28.33 in. | | 0700 | 1300 | 1900 |
| R.H. 100 % | 24 hr. Mov. — mi. | Sea L. 29.69 in. | Clds. St 10/10 | Clds. | Clds. St 10/10 | |
| Ppn. Liq. 0.84 in. | Prev. Dir. | 3 hr. Tend. -2 mb | Wx mist Fog | Wx | Wx | OVC |
| Ppn. Sol. 0.0 in. | Snow Depth 0.0 in. | Observer AB | Vis. 1 mi. | Vis. mi. | Vis. 17 mi. | |

\bar{T} : 56
HDD: 9
 Σ HDD: 78
CDD: 0
 Σ CDD: 27

T_{Davis}: 56/56
T_{uvv}: N/A
MMTS: 55/51/53

T_w: 56
T_d: 56

Σ PCW: 1.88"
 Σ PCN_s: 0.0"

9/27/2009

Monday September 28, 2009 0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|------------------------|------------------|-----------------------------|---------------------|
| Max. 62 °F | Dir. S | Temp 73 °F | Temp 73 °F | RA: 1420-1500 LT | | |
| Min. 54 °F | Vel. 10 m.p.h. | Read. 28.90 in. | Read. 28.90 in. | RA: 1520-1540 LT | | |
| Set 56 °F | Char. steady | Corr. 28.78 in. | Corr. 28.78 in. | RA: 1620-1640 LT | | |
| | | | | 0700 | 1300 | 1900 |
| R.H. 93 % | 24 hr. Mov. - mi. | Sea L. 30.12 in. | Sea L. 30.12 in. | Clds. AS 8/10 | Clds. Sc 3/10 | Clds. 0/10 |
| Ppn. Liq. 0.16 in. | Prev. Dir. - | 3 hr. Tend. -1.5 mb | 3 hr. Tend. -1.5 mb | Wx m. cloudy | Wx M. cloudy L. winds | Wx Clear COOL |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AF | Observer AF | Vis. 25 mi. | Vis. 17 mi. | Vis. 25 mi. |

\bar{T} : 58

HDD: 7

Σ HDD: 85

CDD: 0

Σ CDD: 27

T_{DAVIS}: 57/56

T_{UNV}: 55/54

MNTS: 60/53/58

T_w: 55

T_d: 54

Σ PCN_L: 2.04"

Σ PCN_S: 0.0'

9/28/2009

Tuesday September 29, 2009
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|-----------------------|----------------------------------|----------------------------------|----------------|------|
| Max. 68 °F | | Dir. SW | Temp 65 °F | +RA 0915 - 0945 | | |
| Min. 52 °F | | Vel. 9 m.p.h. | Read. 28.52 in. | +TSRA 0945 - 1100 | | |
| Set 54 °F | | Char. GUSTY | Corr. 28.41 in. | DR 1100 - 1200 RA 1400 - 1415 | | |
| | | | | 0700 | 1300 | 1900 |
| R.H. 77 % | 24 hr. Mov. — mi. | Sea L. 29.74 in. | Clds. 8/10 | Clds. ^{str} 10/10 | Clds. 10/10 | |
| Ppn. Liq. 0.30 in. | Prev. Dir. — | 3 hr. Tend. +2' mb | Wx Windy m. cloudy cool | Wx windy cold | Wx cloudy | |
| Ppn. Sol. 0.0 in. | Snow Depth 0 in. | Observer AS | Vis. 25 mi. | Vis. 25 mi. | Vis. 17 mi. | |

T: 60
HDD: 5
ΣHDD: 90
LDD: 0
ΣCDD: 27

T.DAVIS: 54/46
TUNN: 54/44
MMTS: 67/52/54

TW: 52
TD: 47

ΣPCNL: 2.34"
ΣPCNS: 0.00"

9/29/2009

wednesday September 30, 2009

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------------------|----------------------|------------------------|---|------------------|--------------------------|--|
| Max. 57 °F | Dir. W | Temp 72 °F | -SHRA 0830-0910 LT -DZ (ocul) 1410-2130 LT | | | |
| Min. 51 °F | Vel. 11 m.p.h. | Read. 28.74 in. | | | | |
| Set 51 °F | Char. Steady | Corr. 28.62 in. | 0700 | 1300 | 1900 | |
| R.H. 80 % | 24 hr. Mov. — mi. | Sea L. 30.10 in. | Clds. 9/10 | Clds. 9/10 Sc | Clds. 9/10 SteW | |
| Ppn. Liq. 0.01 in. | Prev. Dir. — | 3 hr. Tend. +3.0 mb | Wx cloudy | Wx | Wx Mid cloudy COOL | |
| Ppn. Sol. 00 in. | Snow Depth 0 in. | Observer BS | Vis. 17 mi. | Vis. 25 mi. | Vis. 25 mi. | |

T: 54
HPD: 11
EHOD: 101
CDD: 0
ECDD: 27

T DAVIS: 51/48
TUNN: 51/46
MMTS: 55/51/51

T: 49
T: 45

SPCN₂: 2.35"
SPCN₅: 0.0"

9/30/2009
