

Sunday 1 November 1995

0700 EST

Meteorological Observatory,
University Park, PA

General Obs.

| | | | | | | | | |
|-------|---------|-------------|----------|-------------|-----------|-------------------------------|-------|----------------------|
| Temp. | | Wind | | Barom. | | * Overnight low of 41 | | |
| Max. | 59 °F | Dir. | W | Temp. | 72 °F | | | |
| Min. | 34 * °F | Vel. | 1 m.p.h. | Read. | 28.84 in. | | | |
| Set | 42 °F | Char. | light | Corr. | 28.71 in. | 0700 | 1300 | 1900 |
| R.H. | 71 % | 24 hr. Mov. | M mi. | Sea L. | 30.09 in. | Clds. Ci 9/10 Ac | Clds. | Clds. Cc 10/10 |
| Ppn. | - | Prev. Dir. | M | 3 hr. Tend. | +6 mb | Wx Another chilly start | Wx | Wx downright cold |
| Ppn. | - | Snow Depth | - in. | Observer | AJD | Vis. | Vis. | 20 mi. |
| | | | | | | 25 mi. | | |

HDD 18
CDD 0
 Σ HDD 18
 Σ CDD 0
 Σ PCNL 0
 Σ PCNS 0

T_{DAVIS} 43/34
T_{UNV} 41/34

T_w 41
T_a 36

PCN_{TS} 0
 Σ PCN_{TS} 0

Monday 2 November 1998

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|----------------------|------------------------|---------------------|---------------------|-------------------------------|
| Max. | 55 °F | Dir. N | Temp. 72 °F | | | |
| Min. | 39 °F | Vel. 268 m.p.h. | Read. 28.89 in. | | | |
| Set | 41 °F | Char. gusty | Corr. 28.76 in. | 0700 | 1300 | 1900 |
| R.H. | 70 % | 24 hr. Mov. M mi. | Sea L. 30.14 in. | Clds. Cc 9/10 Sc | Clds. Ci 7/10 Cs | Clds. <1/2 Ca Contrails |
| Ppn. | Liq. - in. | Prev. Dir. M | 3 hr. Tend. - +0 mb | Wx contrails | Wx not warm | Wx Calm, Cold |
| Ppn. | Sol. - in. | Snow Depth - in. | Observer AJD | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

41
HDD 18
CDD \emptyset
 Σ HDD 36
ECDD \emptyset
 Σ PCN_L \emptyset
 Σ PCN_S \emptyset

T_{DAVIS} 42/32
T_{UNV} 40/31

T_w 39
T_d 34

PCN_{TD} \emptyset
 Σ PCN_{TD} \emptyset

TUESDAY 3 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | Barom. | General Obs. | | |
|-------|--------|-------------|----------|-------------|-----------------------------|-------|--------------|
| Max. | 51 °F | Dir. | — | Temp. | * USED T _d DAVIS | | |
| Min. | 25 °F | Vel. | 0 m.p.h. | Read. | 28.83 in. | | |
| Set | 26 °F | Char. | CALM | Corr. | 0700 | 1300 | 1900 |
| R.H. | * 81 % | 24 hr. Mov. | M mi. | Sea L. | Clds. 1/10 | Clds. | Clds. 0/10 |
| Ppn. | 0 in. | Prev. Dir. | M | 3 hr. Tend. | Wx FRIGID! | Wx | Wx Cold Calm |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | Vis. | Vis. | Vis. |
| | | | | EMB | 25 mi. | mi. | 25 mi. |

T 38
H₀₀ 27
C₀₀ ϕ
 ΣH_{00} 63
 ΣC_{00} ϕ
 ΣP_{00} ϕ
 ΣP_{00s} ϕ

T_{DAVIS} 28/21
T_{UNV} 28/26

T_{DAVIS} 21

P_{00T0} ϕ
 ΣP_{00T0} ϕ

WEDNESDAY 4 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------|----------------------|---------------------|------------------------|-----------------------------|------------------|------------------------|
| Max. 46 °F | Dir. — | Temp. 72 °F | | * USED T _d DANIS | | |
| Min. 23 °F | Vel. 0 m.p.h. | Read. 28.80 in. | | ONWT LOW AT KPSU ASOS-19F | | |
| Set 24 °F | Char. CALM | Corr. 28.68 in. | | 0700 | 1300 | 1900 |
| * R.H. 86 % | 24 hr. Mov. M mi. | Sea L. 30.12 in. | | Clds. 2/10 AC | Clds. 4/10 SC | Clds. Clear |
| Ppn. 0 in. | Liq. in. | Prev. Dir. M | 3 hr. Tend. +1.2 mb | Wx WHERE'S THE IGLOO? | Wx WINTERLIKE | Wx BRIGHT FULL MOON |
| Ppn. 0 in. | Sol. in. | Snow Depth 0 in. | Observer EMB | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

T 35

Hoo 30

Coo 0

ZHoo 93

ZCoo 0

ZPco 0

ZPco_s 0

T Davis 26/20

Tunn 26/24

Pco_{TB} 0

ZPco_{TB} 0

THURSDAY 5 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | General Obs. | | | |
|-------|--------|------------|-------------|-------------|--------|--------------|----------------------------------|--------------|-----------------|
| Max. | 41 °F | | Dir. | NW | | Temp. | *OUNT LOW 26° + USED TO DAVIS | | |
| Min. | *24 °F | | Vel. | 2 m.p.h. | | Read. | 28.84 in. | | |
| Set | 31 °F | | Char. | NRLY CALM | | Corr. | 28.71 in. | | |
| R.H. | 72 % | | 24 hr. Mov. | M mi. | | Sea L. | 0700 | 1300 | 1900 |
| Ppn. | Liq. | Prev. Dir. | | 3 hr. Tend. | | Clds. | 10/10 | 10/10 | 10/10 |
| 0 | in. | M | | +0.5 mb | | Sc | Sc | Sc | ST |
| Ppn. | Sol. | Snow Depth | | Observer | | Wx | NOT AS COLD - THANKS CLOUDS! | STILL CHILLY | Wx LIGHT BREEZE |
| 0 | in. | 0 in. | | EMB | | Vis. | 25 mi. | 25 mi. | 15 mi. |

T 33

H₀₀ 32

C₀₀ ϕ

ΣH_{00} 125

ΣC_{00} 0

ΣPCN_L 0.00

ΣPCN_S 0.0

T DAVIS 32/23

T UNV 32/24

PCN_{TS} ϕ

ΣPCN_{TS} ϕ

FRIDAY 6 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA
General Obs.

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------|-------------------|--------------------|--------------------|-------------------------------|--------------|
| Max. | 42 °F | Dir. S | Temp. 72 °F | | | |
| Min. | 31 * °F | Vel. 3 m.p.h. | Read. 28.87 in. | * OVERNIGHT LOW 35 | | |
| Set | 35 °F | Char. light | Corr. 28.75 in. | 0700 | 1300 | 1900 |
| R.H. | 59 % | 24 hr. Mov. M mi. | Sea L. 30.15 in. | Cld. S/10 C1 ST | Cld. 10/10 SC | Cld. 9/10 ST |
| Ppn. | - | Prev. Dir. M | 3 hr. Tend. 1.3 mb | Wx ST DECK NE | Wx A few flakes in the air | Wx COLD |
| Ppn. | - | Snow Depth - in. | Observer TJO | Vis. 25 mi. | Vis. 25 mi. | Vis. 15 mi. |

1 31

HDD 28

CDD 0

Σ HDD 153

Σ CDD 0

Σ PCNL 0.00

Σ PCNs 0.0

T DAVIS

35/23

TUNY

36/25

TW 31

TD 22

SATURDAY 7 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|-------------|----------------------|-------|----------|
| Max. | 41 °F | Dir. | WSW | Temp. | - Occ. snow flurries | | |
| | | | | 73 °F | | | |
| Min. | 34 °F | Vel. | 5-10 m.p.h. | Read. | | | |
| | | | | 29.05 in. | | | |
| Set | 38 °F | Char. | LIGHT | Corr. | 0700 | 1300 | 1900 |
| | | | | 28.92 in. | | | |
| R.H. | 65 % | 24 hr. Mov. | M mi. | Sea L. | Clds. | Clds. | Clds. |
| | | | | 30.33 in. | 10/10 ST | | 10/10 ST |
| Ppn. | T in. | Prev. Dir. | M | 3 hr. Tend. | Wx | Wx | Wx |
| | | | | +1 mb | A few bright patches | | -Dz |
| Ppn. | T in. | Snow Depth | - in. | Observer | Vis. | Vis. | Vis. |
| | | | | SRS | 25 mi. | mi. | 25 mi. |

T 38

HDD 27

CDD 0

Σ HDD 180

Σ CDD 0

Σ PCN_L T

Σ PCN_S T

T DAVIS 37/28

TUNV 37/28

TW 34

TD 27

PCN_{IB} T

Σ PCN_{IB} T

Sunday 8 November 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-----------|----------|----------------------|----------------------|---|----------------|----------------|
| Max. | 45 °F | Dir. W | Temp. 73 °F | *Wind low of 40 *RA 2100-2130 LT 000-045 LT | | |
| Min. | 37* °F | Vel. 1 m.p.h. | Read. 29.08 in. | | | |
| Set | 40 °F | Char. light | Corr. 28.95 in. | | | |
| R.H. | 86 % | 24 hr. Mov. M mi. | Sea L. 30.34 in. | Clds. 19/10 St Sc | Clds. 10/10 | St 10 |
| Ppn. Liq. | 0.01 in. | Prev. Dir. M | 3 hr. Tend. +0 mb | Wx glumy | Wx | Wx dark |
| Ppn. Sol. | - in. | Snow Depth - in. | Observer AJD | Vis. 20 mi. | Vis. mi. | Vis. 20 mi. |

\bar{T} 41

H_{DD} 24 .

C_{DD} 0

ΣH_{DD} 204

ΣC_{DD} 0

ΣPCN_L 0.01

ΣPCN_S T

\bar{T}_{DAVIS} 40/35

\bar{T}_{UNV} 39/37

T_w 40

T_a 38

PCN_{TB} T

ΣPCN_{TB} T

Monday 9 November 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|-----------------------------|-------------------|---------------------------------|
| Max. | 45 °F | Dir. | - | Temp. | 72 °F | - RA ~ 1500 LT | | |
| Min. | 37 °F | Vel. | - m.p.h. | Read. | 29.05 in. | | | |
| Set | 38 °F | Char. | calm | Corr. | 28.92 in. | 0700 | 1300 | 1900 |
| R.H. | 86 % | 24 hr. Mov. | M mi. | Sea L. | 30.32 in. | Clds. St 10/10 | Clds. As 10/10 | Clds. CLEAR |
| Ppn. | T in. | Prev. Dir. | M | 3 hr. Tend. | +0.7 mb | Wx Distant valley Fog | Wx chilly | Wx CALM BEFORE THE STORM? |
| Ppn. | - in. | Snow Depth | - in. | Observer | AJD | Vis. | 20 mi. | 20 mi. 15 mi. |

I 41
 H_{DD} 24
 C_{DD} 0
 ΣH_{DD} 228
 ΣC_{DD} 0
 ΣPCN_L 0.01
 ΣPCN_S T

T_{DAVIS} 38/34
 T_{UNV} 42/35

\bar{T}_d 39
 \bar{T}_w 41

PCN_{TB} T
 ΣPCN_{TB} T

TUESDAY 10 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | | General Obs. | | |
|-------|---------|--|-------------|-------------|-------------|-----------|-----------------|-------|---------------|
| Max. | 48 °F | | Dir. | S | Temp. | 72 °F | -RA/RA'0545-OBS | | |
| Min. | 35 °F | | Vel. | 5G11 m.p.h. | Read. | 29.04 in. | | | |
| Set | 43 °F | | Char. | STEADY | Corr. | 28.91 in. | | | |
| R.H. | 100 % | | 24 hr. Mov. | M mi. | Sea L. | 30.30 in. | 0700 | 1300 | 1900 |
| Ppn. | .09 in. | | Prev. Dir. | M | 3 hr. Tend. | ✓ 4.0 mb | Clds. 10/10 | Clds. | Clds. 10/10 |
| Ppn. | 0 in. | | Snow Depth | 0 in. | Observer | EMB | Wx RA HZ | Wx | Wx BEEBY MILD |
| | | | | | | | Vis. 4 mi. | Vis. | Vis. 6 mi. |

T 42
H₀₀ 23
C₀₀ 0
ΣH₀₀ 251
ΣC₀₀ 0
ΣP₀₀ 0.10
ΣP₀₅ T

T_{UNV} 43/39
T_{DAVIS} 42/38

T_w 43
T_d 43

P_{ENTB} .07
ΣP_{ENTB} .07

WEDNESDAY 11 NOVEMBER, 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|------|-------------|-----|-------------|-----|---|------------|-----------------|
| Max. | °F | Dir. | | Temp. | °F | HIGH OCCURED AT 0015LT + DUNT LOW 50 RA OBS - 0830LT - RA/ONL RA 1000LT - 0500LT + RA 0015-0040LT SQ WINDSHIFT FROM PSMIP 0035LT PK GUST 53 MPH @ OBS | | |
| *59 | | WSW | | 72 | | | | |
| Min. | °F | Vel. | | Read. | in. | | | |
| +43 | | 35GS3m.p.h. | | 28.77 | | | | |
| Set | °F | Char. | | Corr. | in. | 0700 | 1300 | 1900 |
| 50 | | STORM FORCE | | 28.64 | | Clds. 1/10 | Clds. 2/10 | Clds. |
| R.H. | % | 24 hr. Mov. | mi. | Sea L. | in. | SC | CU | CLEAR |
| 46 | | M | | 30.00 | | Wx WHAT A WIND!! | Wx WINDY!! | Wx CALMING DOWN |
| Ppn. | Liq. | Prev. Dir. | | 3 hr. Tend. | mb | Vis. | Vis. | Vis. |
| 0 | in. | M | | +2.2 | | 25 mi. | 25 mi. | 25 mi. |
| Ppn. | Sol. | Snow Depth | in. | Observer | | | | |
| 0 | in. | 0 | | EMB | | | | |

I 51
H_{DD} 14
C_{DD} 0
 ΣH_{DD} 265
 ΣC_{DD} 0
 ΣPCN_L 0.64
 ΣPCN_S T

T_{DAVIS} 50/31
T_{UNV} 49/39

T_w 42
T_d 31

WIND
CONTAMINATION
IN DATA
PCNTB .91"
 $\Sigma PCNTB$.98

THURSDAY 12 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|--|-------------------------------|---------------------------|
| Max. | 53 °F | Dir. | — | Temp. | 72 °F | A VERY WINDY DAY. NUMEROUS GUSTS 35-45MPH | | |
| Min. | 33 °F | Vel. | 0 m.p.h. | Read. | 29.18 in. | USED T ₂ DAVIS | | |
| Set | 33 °F | Char. | CALM | Corr. | 29.05 in. | 0700 | 1300 | 1900 |
| R.H. | 62 % | 24 hr. Mov. | N mi. | Sea L. | 30.48 in. | Clds. 1/10 Cs DSHR ESE | Clds. 3/10 C ₁ | Clds. 2/10 C ₁ |
| Ppn. | 0 in. | Prev. Dir. | N | 3 hr. Tend. | +2.1 mb | Wx TRANQUIL | Wx CONTRAILS EVERYWHERE | Wx LIGHT BREEZE |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | EMB | Vis. | 25 mi. | 25 mi. 15 mi. |

\bar{T} 43

H_{00} 22

C_{00} 0

ΣH_{00} 287

ΣC_{00} 0

ΣP_{00} 0.64

ΣP_{05} T

\bar{T} DAVIS 33/24

T UNV 32/27

WIND CONTAM.

P_{00TB} ϕ
 ΣP_{00TB} .91

FRIDAY 13 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|-------------|-------------|--------------------|-----------------|---------|
| Max. | 50 °F | Dir. | 72 °F | | | |
| Min. | 33 °F | Vel. | 29.11 in. | * OVERNIGHT LOW 38 | | |
| Set | 44 °F | Char. | 28.99 in. | 0700 | 1300 | 1900 |
| R.H. | 43 % | 24 hr. Mov. | Sea L. | Clds. | Clds. | Clds. |
| | | M mi. | 30.38 in. | 10/10 ST | a/10 ST | 6/10 ST |
| Ppn. | - in. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx |
| | | M | 7-1 mb | DULL | A patch of blue | CHILLY |
| Ppn. | - in. | Snow Depth | Observer | Vis. | Vis. | Vis. |
| | | - in. | TJO | 15 mi. | 20 mi. | 15 mi. |

142
HDD 23
CDD 0

TUNY 43/25
TDAVIS 43/23

TW 36
TD 23

Σ HDD 310
 Σ CDD 0
 Σ PCN L 0.64
 Σ PCN S T

PCN TB \emptyset
 Σ PCN TB 0.91

SATURDAY 14 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | |
|-------|--------|-------------|-------------|----------------|-----------------------|-------|---------|
| Max. | 51 °F | Dir. | - | Temp. | | | |
| | | | | 72 °F | | | |
| Min. | 31 °F | Vel. | - m.p.h. | Read. | | | |
| | | | | 28.81 in. | | | |
| Set | 32 °F | Char. | - | Corr. | * FROM DAVIS DEWPOINT | | |
| | | | | 28.68 in. | 0700 | 1300 | 1900 |
| R.H. | * 88 % | 24 hr. Mov. | M mi. | Sea L. | Clds. Ci | Clds. | Clds. |
| | | | | 30.08 in. | 9/10 St | | 9/10 St |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | Wx | Wx | Wx |
| - | in. | M | STEADY mb | A chilly START | | | gloomy |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | Vis. | Vis. | Vis. |
| - | in. | - in. | SRS | 20 mi. | | mi. | 20 mi. |

\bar{T} 41

H_{DD} 24

C_{DD} \emptyset

ΣH_{DD} 334

ΣC_{DD} \emptyset

ΣPCN_L 0.64

ΣPCN_S T

T_{UNV} 32/30

T_{DAVIS} 34/29

$T_w -$

* T_D 29

* FROM DAVIS

PCN_{TB} \emptyset
 ΣPCN_{TB} 0.91

Sunday 15 November 1995

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|----------------------|-----------------------|---|--------------|------------------|--|
| Max. 58 °F | Dir. NNW | Temp. 74 °F | Overnight low 49 ~2215-2345 -DZ, -RA | | | |
| Min. 31 * °F | Vel. 7 m.p.h. | Read. 28.82 in. | | | | |
| Set 49 °F | Char. steady | Corr. 28.69 in. | 0700 | 1300 | 1900 | |
| R.H. 61 % | 24 hr. Mov. M mi. | Sea L. 30.04 in. | Clds. Sc 7/10 As | Clds. | Clds. Sc 2/10 | |
| Ppn. Liq. T in. | Prev. Dir. M | 3 hr. Tend. /+2 mb | Wx windy | Wx | Wx calm | |
| Ppn. Sol. - in. | Snow Depth - in. | Observer AJD | Vis. 25 mi. | Vis. mi. | Vis. 25 mi. | |

\bar{T} 45

H_{DD} 20

E_{DD} 0

ΣH_{DD} 354

ΣC_{DD} 0

ΣPCN_L 0.64

ΣPCN_s T

T_{PAVIS} 49/35

T_{LOW} 48/35

T_w 44

T_d 37

PCN_{TB} 0.01
 ΣPCN_{TB} ~~0.12~~ 0.92*

Monday 16 November 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|----------------------|------------------------|-------------------|---------------------|----------------------|
| Max. | 50 °F | Dir. NW | Temp. 72 °F | | | |
| Min. | 32 °F | Vel. 6 m.p.h. | Read. 28.80 in. | | | |
| Set | 38 °F | Char. steady | Corr. 28.67 in. | 0700 | 1300 | 1900 |
| R.H. | 76 % | 24 hr. Mov. M mi. | Sea L. 30.05 in. | Clds. Ci 10/10 | Clds. Ci 9/10 Cs | Clds. 10/10 As/Cs |
| Ppn. | - in. | Prev. Dir. M | 3 hr. Tend. +0.8 mb | Wx cold | Wx nice | Wx Awesome sunset |
| Ppn. | - in. | Snow Depth - in. | Observer AJD | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

\bar{T} 41

H_{DD} 24

C_{DD} 0

ΣH_{DD} 378

ΣC_{DD} 0

ΣPCN_L 0.64

ΣPCN_S T

T_{DAVIS} 37/29

T_{UNV} 37/30

T_w 39

T_d 35

PCN_{TB} 0
 ΣPCN_{TB} 0.92*

TUESDAY 17 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | General Obs. | | | | | | | | |
|-------|-------|-------------|-----------|------------|--------------|-------------|--------|-----------|----------------|-------|-----------|------|----------------|
| Max. | 52 °F | Dir. | SE | Temp. | *OUNT LOW 41 | | | | | | | | |
| | | | | 73 °F | | | | | | | | | |
| *Min. | 38 °F | Vel. | 3 m.p.h. | Read. | | | | 28.64 in. | | | | | |
| Set | 44 °F | Char. | LGT + URB | Corr. | 28.51 in. | 0700 | 1300 | 1900 | | | | | |
| R.H. | 87 % | 24 hr. Mov. | M mi. | Sea L. | 29.88 in. | Clds. | 10% SE | Clds. | 9% SE | Clds. | 10% SE | | |
| Ppn. | ∅ in. | Liq. | ∅ in. | Prev. Dir. | M | 3 hr. Tend. | -1 mb | Wx | GRAY, BUT MILD | Wx | Blooding! | Wx | BETTER CLEAR!! |
| Ppn. | ∅ in. | Sol. | ∅ in. | Snow Depth | ∅ in. | Observer | EMB | Vis. | 11 mi. | Vis. | 20 mi. | Vis. | 20 mi. |

\bar{T} 45

H_{00} 20

C_{00} ϕ

ΣH_{00} 398

ΣC_{00} ϕ

ΣP_{enL} .64

ΣP_{enS} T

T_{OAVIS} 43/36

T_{UNV} 41/38

T_w 42

T_d 38

WIND CONTAM.

P_{CNTB} ϕ

ΣP_{CNTB} ϕ .92*

WEDNESDAY 18 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|----------|-------------|-----------|-------------------|---------------|-------------|
| Max. | 53 °F | Dir. | N | Temp. | 72 °F | -SHRA 0720-0845LP | | |
| Min. | 38 °F | Vel. | 4 m.p.h. | Read. | 29.15 in. | | | |
| Set | 39 °F | Char. | LIGHT | Corr. | 29.02 in. | | | |
| R.H. | 82 % | 24 hr. Mov. | M mi. | Sea L. | 30.42 in. | 0700 | 1300 | 1900 |
| Ppn. | T in. | Prev. Dir. | M | 3 hr. Tend. | / +1.8mb | Clds. 0/10 | Clds. Ci 4/10 | Clds. CLEAR |
| Wx | No | Wx | Pleasant | Wx | NICE | | | |
| Ppn. | 0 in. | Snow Depth | 0 in. | Observer | EMB | Vis. | 25 mi. | 25 mi. |
| Sol. | 0 in. | | | | | Vis. | 25 mi. | 25 mi. |

\bar{T} 46

H_{00} 19

C_{00} ϕ

ΣH_{00} 417

ΣC_{00} ϕ

ΣP_{CNL} .64

ΣP_{CNL} T

T_{OAVIS} 40/32

T_{UNV} 38/33

T_w 36

T_d 34

WIND CONTAM

P_{CNTB} ϕ

ΣP_{CNTB} .92

THURSDAY 19 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|----------------------------------|------------------------|---------------------------|----------------|------------------|
| Max. | 50 °F | Dir. S | Temp. 72 °F | | | |
| Min. | 32 °F | Vel. 4 m.p.h. | Read. 29.00 in. | | | |
| Set | 39 °F | Char. OCNL STRONG SE GUSTS | Corr. 28.87 in. | 0700 | 1300 | 1900 |
| R.H. | 73 % | 24 hr. Mov. M mi. | Sea L. 30.20 in. | Clds. 4/10 Ci | Clds. 10/10 | Clds. 5/10 ST |
| Ppn. | 0 in. | Prev. Dir. M | 3 hr. Tend. -0.7 mb | Wx GORGEOUS SUNRISE | Wx BLAH | Wx MILD |
| Ppn. | 0 in. | Snow Depth 0 in. | Observer EMB | Vis. 25 mi. | Vis. 25 mi. | Vis. 15 mi. |

\bar{T} 41

H_{DD} 24

C_{DD} ϕ

ΣH_{DD} 441

ΣC_{DD} ϕ

ΣP_{ENL} .64

ΣP_{CNT} T

T_{DAVIS} 39/31

T_{UNV} 39/31

T_w 35

T_d 31

* WIND CONTAM.

P_{CNTB} ϕ

* ΣP_{CNTB} .92

FRIDAY 20 NOVEMBER 1998

Meteorological Observatory
University Park, PA

0700 EST

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|---------|-------------|----------|-------------|-----------|---------------------|--------------------|-------------------------|
| Max. | 52 °F | Dir. | - | Temp. | 74 °F | | | |
| Min. | * 39 °F | Vel. | - m.p.h. | Read. | 28.80 in. | | | |
| Set | 49 °F | Char. | CALM | Corr. | 28.68 in. | * OVERNIGHT LOW 45 | | |
| R.H. | 80 % | 24 hr. Mov. | M mi. | Sea L. | 30.03 in. | 0700 | 1300 | 1900 |
| Ppn. | 0 in. | Prev. Dir. | M | 3 hr. Tend. | -0.5 mb | Clds. 10/10 ST | Clds. 10/10 -D2 | Clds. 5/10 ST |
| Ppn. | 0 in. | Snow Depth | - in. | Observer | TJO | Wx VALLEY FOG | Wx Gloomy | Wx chilly evening |
| | | | | Vis. | 5 mi. | Vis. | 5 mi. | Vis. 15 mi. |

\bar{T} 46

HDD 19

CDD 0

Σ HDD 460

Σ CDD ϕ

Σ PCN_L 0.64

Σ PCN_S T

\bar{T} DAVIS 51/43

\bar{T} UNV 48/45

\bar{T}_w 46

\bar{T}_D 43

* WIND CONTAMINATED

PCN_{TB} ϕ

* Σ PCN_{TB} .92

SATURDAY 21 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | | |
|-------|---------|-------------|--------------|-------------|-----------|------------------------------------|--------------|-------|----------|
| Max. | 50 °F | Dir. | W | Temp. | 72 °F | -SHRA OBS-0900 LT 1000 - 1200LT | | | |
| Min. | 33 °F | Vel. | 10620 m.p.h. | Read. | 28.84 in. | -SN: 0530 - OBS | | | |
| Set | 35 °F | Char. | GUSTY | Corr. | 28.72 in. | * DERIVED FROM DAVIS | | | |
| | | | | | | 0700 | 1300 | 1900 | |
| R.H. | 68 % | 24 hr. Mov. | M mi. | Sea L. | 30.14 in. | Clds. | 10/10 SC | Clds. | 10/10 ST |
| Ppn. | .12 in. | Prev. Dir. | M | 3 hr. Tend. | + 1 mb | Wx | A few flakes | Wx | cold!! |
| Ppn. | T in. | Snow Depth | - in. | Observer | SRS | Vis. | 10 mi. | Vis. | 20 mi. |

T 42

T_{DAVIS} 34/25

T_w -

H_{DD} 23

T_{UNV} 34/27

* T_D 25

C_{DD} 0

Σ H_{DD} 483

Σ C_{DD} 0

Σ PCN_L 0.76

Σ PCN_S T

* WIND
CORRECTED
PCN_{TB} = 10
* Σ PCN_{TB} 1.02

Sunday 22 November 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|--------------------|----------------------|-------------------------|--|--------------|------------------|--|
| Max. 37 °F | Dir. W | Temp. 70 °F | -SN obs - 950 LT OCCL -SN 930 - 1130 LT | | | |
| Min. 26 °F | Vel. 6 m.p.h. | Read. 28.84 in. | | | | |
| Set 27 °F | Char. light | Corr. 28.72 in. | * Derived from Davis | | | |
| | | | 0700 | 1300 | 1900 | |
| R.H. 74 * | 24 hr. Mov. M mi. | Sea L. 30.15 in. | Clds. Ac 2/10 | Clds. | Clds. ci 3/10 | |
| Ppn. Liq. T in. | Prev. Dir. M | 3 hr. Tend. /+1.5 mb | Wx cold | Wx | Wx beautiful | |
| Ppn. Sol. T in. | Snow Depth - in. | Observer AJD | Vis. 25 mi. | Vis. mi. | Vis. 25 mi. | |

\bar{T} 32

H_{DD} 33

C_{DD} 0

ΣH_{DD} 516

ΣC_{DD} 0

$\Sigma PCNL$ 0.76

ΣPCN_s T

T_{DAVIS} 29/22

T_{UNV} 29/23

T_w -

T_a 22

$PCNTB$ 0

* $\Sigma PCNTB$ 1.02

Monday 23 November 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | | | | | | |
|-------|-------|-------------|----------|-------------|-----------|--------------|-----------|-------|---------|---|-------------|------|--------|
| Max. | 47 °F | Dir. | WSW | Temp. | 72 °F | | | | | | | | |
| Min. | 27 °F | Vel. | 8 m.p.h. | Read. | 28.84 in. | | | | | | | | |
| Set | 32 °F | Char. | steady | Corr. | 28.71 in. | 0700 | 1300 | 1900 | | | | | |
| R.H. | 83 % | 24 hr. Mov. | M mi. | Sea L. | 30.12 in. | Clds. | 1/10 ci | Clds. | 3/10 ci | Clds. | 10/10 Sc/NS | | |
| Ppn. | - in. | Prev. Dir. | M | 3 hr. Tend. | -1.3 mb | Wx | contrails | Wx | bright | Wx - RA WINDY + UNSENSITIVE WARM | | | |
| Ppn. | - in. | Sol. | - in. | Snow Depth | - in. | Observer | AJD | Vis. | 25 mi. | Vis. | 25 mi. | Vis. | 15 mi. |

\bar{T} 37

H_{DD} 28

C_{DD} 0

ΣH_{DD} 544

ΣC_{DD} 0

ΣPCN_L 0.76

ΣPCN_S T

T_{DAVES} 35/92

T_{UNV} 34/93

T_w 35

T_d 32

PCN_{TB} 0
* ΣPCN_{TB} 1.02

TUESDAY 24 NOVEMBER 1998

0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|--------|---------------|------------------------|-------------------------|-------------------------|------------------|------------------|
| Max. | 66 °F | Dir. WNW | Temp. 72 °F | -RA/PZ 1710-1905LT | | |
| * Min. | 32 °F | Vel. 10G16 m.p.h. | Read. 28.88 in. | *MOUNT LOW 43 | | |
| Set | 43 °F | Char. STEADY BREEZE | Corr. 28.75 in. | 0700 | 1300 | 1900 |
| R.H. | 57 % | 24 hr. Mov. M mi. | Sea L. 30.14 in. | Clds. CLEAR | Clds. CU | Clds. 10 CI |
| Ppn. | Liq. T in. | Prev. Dir. M | 3 hr. Tend. 1 H.6 mb | Wx NOTICEABLY COOLER | Wx FEW CU, CU | Wx LUNAR HALO |
| Ppn. | Sol. 0 in. | Snow Depth 0 in. | Observer EMB | Vis. 25 mi. | Vis. 25+ mi. | Vis. 25 mi. |

\bar{T} 49

H_{DO} 16

ΣH_{DO} 560

ΣC_{DO} ϕ

ΣPCN_L .76

ΣPCN_S T

T_{OAVIS} 43/29

T_{UNV} 41/30

T_W 35

T_d 29

PCNTB M

* $\Sigma PCNTB$ 1.02

WEDNESDAY 25 NOVEMBER 1998
 0700 EST
 Meteorological Observatory
 University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|---------------|----------------------|--------------------------|---------------------|-------------|---------------------|
| Max. | 54 °F | Dir. SE | Temp. 74 °F | | | |
| Min. | 29 °F | Vel. 2 m.p.h. | Read. 29.10 in. | | | |
| Set | 29 °F | Char. LIGHT | Corr. 28.98 in. | 0700 | 1300 | 1900 |
| R.H. | 78 % | 24 hr. Mov. M mi. | Sea L. 30.41 in. | Clds. 3/10 CI SC | Clds. | Clds. 7/10 CI SC |
| Ppn. | Liq. - in. | Prev. Dir. M | 3 hr. Tend. - + .8 mb | Wx CONTRAILS | Wx | Wx BREEZY |
| Ppn. | Sol. - in. | Snow Depth - in. | Observer TJO | Vis. 25 mi. | Vis. mi. | Vis. 15 mi. |

1 42

HDD 23

CDD 0

Σ HDD 583

Σ CDD ϕ

Σ PCNL 0.76

Σ PCNs T

T DAVIS 31/26

TUNV 30/27

TW 27

TD 23

PCNTB 0

* Σ PCNTB 1.02

THURSDAY 26 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | | Wind | | Barom. | General Obs. | | |
|-------|------|-------------|-------------|-----------------------|--------|--------------|--------|----|
| Max. | | Dir. | Temp. | -SHRA 2100 - 22:30 LT | | | | |
| 51 | °F | WSW | 73 | OCNL SHRA 22:30 - OBS | | | | |
| Min. | | Vel. | Read. | | | | | |
| 29 | °F | 5-10 m.p.h. | 28.66 in. | | | | | |
| Set | | Char. | Corr. | * OVERNIGHT LOW 42 | | | | |
| 45 | °F | STEADY | 28.53 in. | 0700 | 1300 | 1900 | | |
| R.H. | | 24 hr. Mov. | Sea L. | Clds. | Ns | Clds. | Clds. | |
| 86 | % | M mi. | 29.89 in. | 10/10 | | | 4/10 | sc |
| Ppn. | Liq. | Prev. Dir. | 3 hr. Tend. | Wx | | Wx | Wx | |
| .14 | in. | M | +2 mb | -RA | | | chilly | |
| Ppn. | Sol. | Snow Depth | Observer | Vis. | | Vis. | Vis. | |
| - | in. | - in. | SRS | 5 mi. | | mi. | 15 mi. | |

T 40
H_{DD} 25
C_{DD} 0
ΣH_{DD} 608
ΣC_{DD} 0
ΣPCN_L 0.90
ΣPCN_S T

T DAVIS 45/41
T UNV 45/41

T_w 43
T_D 41

PCN_{TB} .11
* ΣPCN_{TB} 1.13

FRIDAY 27 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|----------|-------------|--------------|-------------|-----------|---|-------|---------------|
| Max. | 53 °F | Dir. | WNW | Temp. | 72 °F | -RA OBS - 9:30LT -RA 21:30LT - 23:00LT | | |
| Min. | 41 °F | Vel. | 10-20 m.p.h. | Read. | 28.80 in. | | | |
| Set | 41 °F | Char. | BREEZY | Corr. | 28.67 in. | 0700 | 1300 | 1900 |
| R.H. | 65 % | 24 hr. Mov. | M mi. | Sea L. | 30.05 in. | Clds. Sr | Clds. | Clds. |
| Ppn. | 0.01 in. | Prev. Dir. | M | 3 hr. Tend. | +3 mb | Wx A few blue patches | Wx | Wx STARLIT |
| Ppn. | - in. | Snow Depth | - in. | Observer | SRS | Vis. | Vis. | Vis. |
| | | | | | | 15 mi. | mi. | 15 mi. |

T 47

H_{DD} 18

C_{DD} 0

ΣH_{DD} 626

ΣC_{DD} 0

ΣPCN_L 0.91

ΣPCN_S T

T_{DAVIS} 40/31

T_{UNV} 41/31

T_w 36

T_D 30

* WIND CONTAMINATED

* ΣPCN_{TB} 0.17
* ΣPCN_{TB} 1.30

SATURDAY 28 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | | Barom. | | General Obs. | | |
|-------|-------|-------------|-------------|-------------|-----------|--------------------|-------------|----------------|
| Max. | 49 °F | Dir. | WSW | Temp. | 72 °F | -SHEA 0730-0745 LT | | |
| Min. | 40 °F | Vel. | 6-12 m.p.h. | Read. | 28.98 in. | * OVERNIGHT LOW 42 | | |
| Set | 47 °F | Char. | GUSTY | Corr. | 28.86 in. | 0700 | 1300 | 1900 |
| R.H. | 56 % | 24 hr. Mov. | M mi. | Sea L. | 30.23 in. | Clds. 3/10 C1 | Clds. | Clds. 4/10 C1 |
| Ppn. | T in. | Prev. Dir. | M | 3 hr. Tend. | STEADY mb | Wx CONTRAILS | Wx | Wx CALM |
| Ppn. | - in. | Snow Depth | - in. | Observer | TJO | Vis. 25 mi. | Vis. mi. | Vis. 15 mi. |

\bar{T} 45

HDD 20

CDD 0

Σ HDD 646

Σ CDD 0

Σ PCNL 0.91

Σ PCN_S T

\bar{T} DAVIS 47/32

\bar{T} UNV M/M

TW 43

TD 33

* WIND
contaminated

PCN_{TB} -

Σ PCN_{TB} 1.30*

SUNDAY 29 NOVEMBER 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|----------------|----------------------|---------------------|------------------------------|----------------|--------------------|--|
| Max. 65 °F | Dir. SW | Temp. 74 °F | * ONT LOW Y6 | | | |
| Min. 45* °F | Vel. 4 m.p.h. | Read. 29.05 in. | | | | |
| Set 52 °F | Char. STEADY | Corr. 28.93 in. | 0700 | 1300 | 1900 | |
| R.H. 56 % | 24 hr. Mov. M mi. | Sea L. 30.29 in. | Clds. 10/10 ST THIN SPOTS | Clds. | Clds. 5/10 | |
| Ppn. - | Liq. in. | Prev. Dir. M | 3 hr. Tend. + 1 mb | Wx HAZY | Wx bleak | |
| Ppn. - | Sol. in. | Snow Depth in. | Observer TJO | Vis. 10 mi. | Vis. mi. 20 mi. | |

T 55

HDD 10

CDD \emptyset

Σ HDD 656

Σ CDD \emptyset

Σ PCNL 0.91

Σ PCNs T

TDAUS 53/36

TUNV 52/37

TW45

T_D 37

*WIND CONTAMINATED

PCN_{TB} \emptyset

Σ PCN_{TB} 1.30*

Monday 30 November 1998
0700 EST

Meteorological Observatory
University Park, PA

| Temp. | | Wind | Barom. | General Obs. | | |
|-------|-------|----------------------|-------------------------|---------------------|------------------------------|----------------------------|
| Max. | 65 °F | Dir. SSW | Temp. 76 °F | | | |
| Min. | 50 °F | Vel. 10 m.p.h. | Read. 29.05 in. | | | |
| Set | 52 °F | Char. Steady | Corr. 28.91 in. | 0700 | 1300 | 1900 |
| R.H. | 83 % | 24 hr. Mov. M mi. | Sea L. 30.27 in. | Clds. As 10/10 | Clds. Cs 10/10 | Clds. Cs 8/10 |
| Ppn. | — in. | Prev. Dir. M | 3 hr. Tend. — + 0 mb | Wx thin overcast | Wx SUN shining through | Wx UNSEASONABLY WARM |
| Ppn. | — in. | Snow Depth — in. | Observer AJD | Vis. 25 mi. | Vis. 25 mi. | Vis. 25 mi. |

\bar{T} 58

T_{RAMS} 56/34

T_w 52

H_{DD} 7

T_{ONU} 52/38

T_d 50

C_{DD} 0

ΣH_{DD} 663

ΣC_{DD} 0

ΣPCN_L 0.91

ΣPCN_S T

$\bar{T}_{MAX} = 51.3$

$\bar{T}_{NOV} = 42.65$

*wind contaminated

$\bar{T}_{MIN} = 34.0$

PCN_{TB} 0

ΣPCN_{TB} 1.30*