

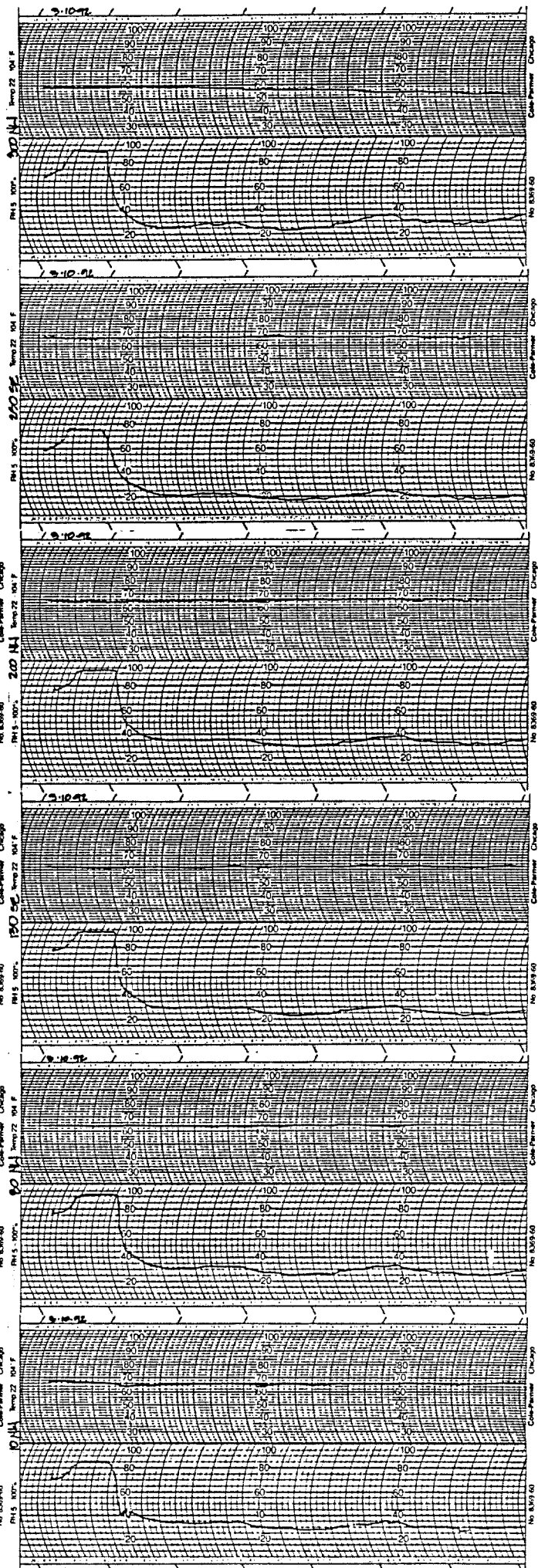
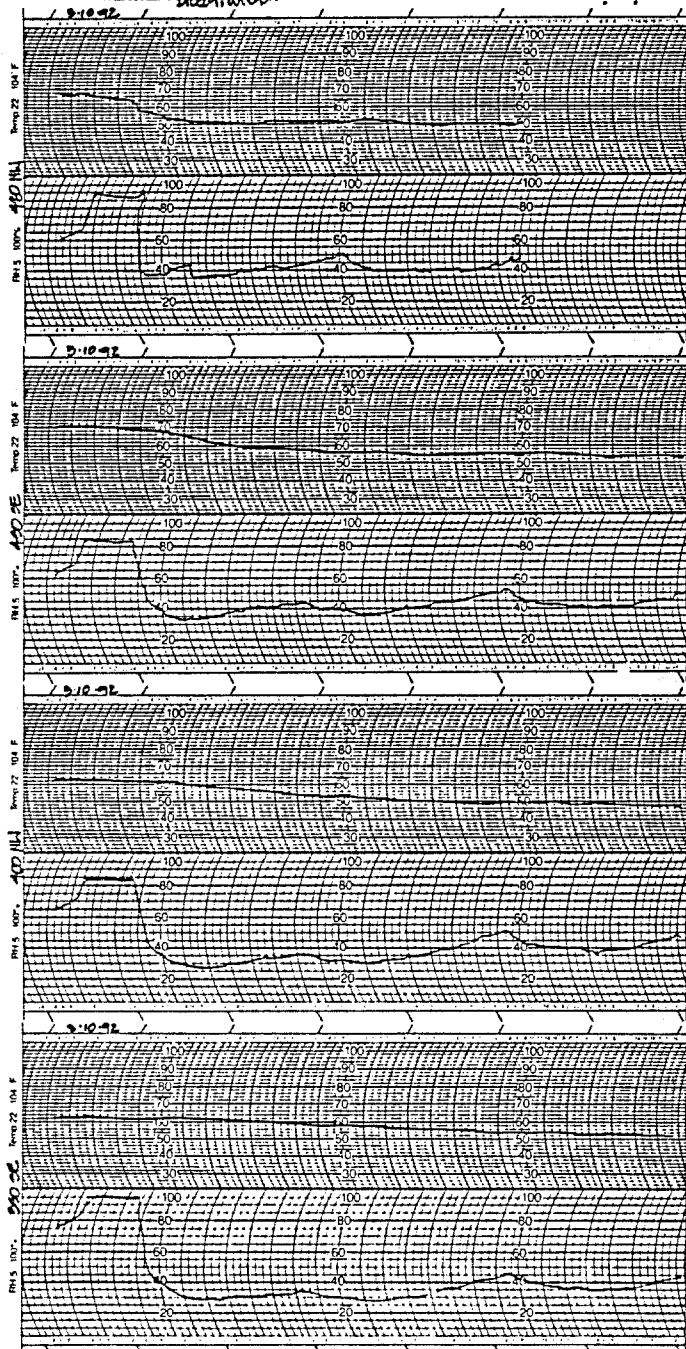
WASHINGTON MONUMENT

DATE: 3-10-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW NW 1/4 Sec 4	9:25	65.6°	64.4°	67.5°	0%
2. 450 SE	9:30	66.9°	62.4°	66.2°	0%
3. 400 NW	9:35	67.7°	61.6°	64.0°	0%
4. 350 SE	9:40	65.3°	59.0°	62.4°	0%
5. 300 NW	9:45	64.2°	59.6°	62.0°	0.24%*
6. 250 SE	9:50	65.2°	63.1°	65.4°	0%
7. 200 NW	9:55	65.7°	63.7°	65.5°	0%
8. 150 SE	10:00	66.4°	62.3°	63.5°	0.15%
9. 80 NW	10:05	66.3°	63.0°	65.3°	0%
10. 10 NW	10:10	67.5°	60.2°	67.6°	0%

OUTSIDE AIR TEMP: 62.6°

WEATHER: Breezy, overcast.



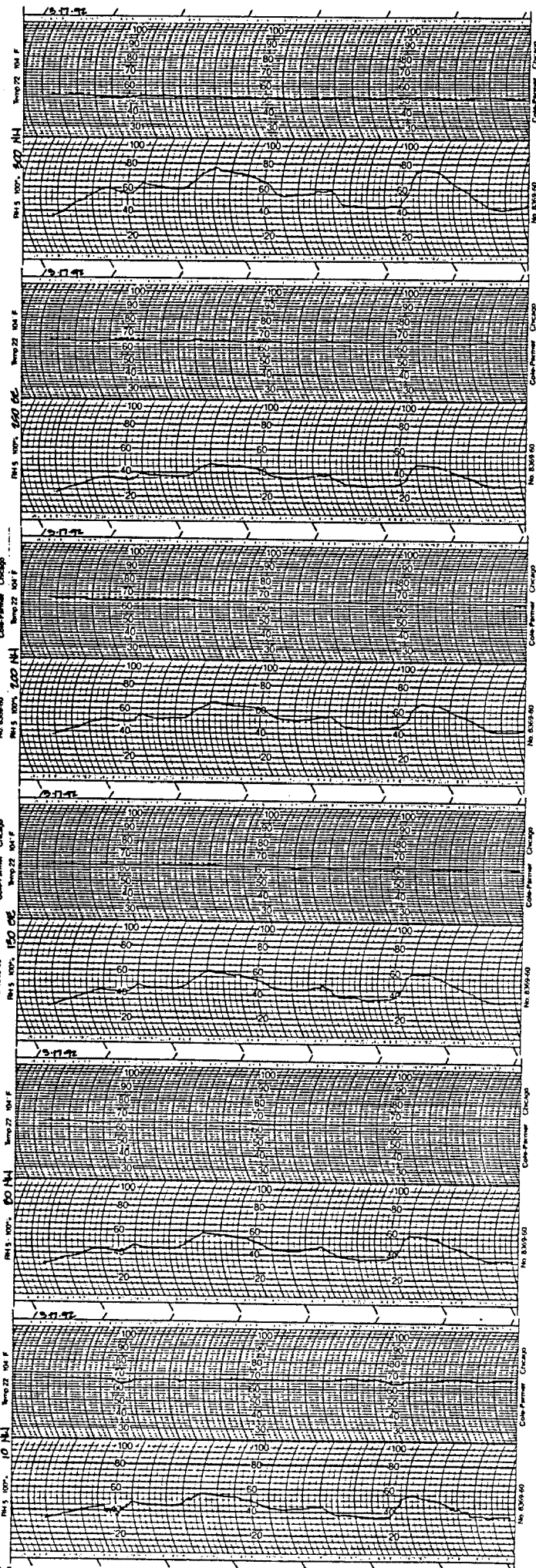
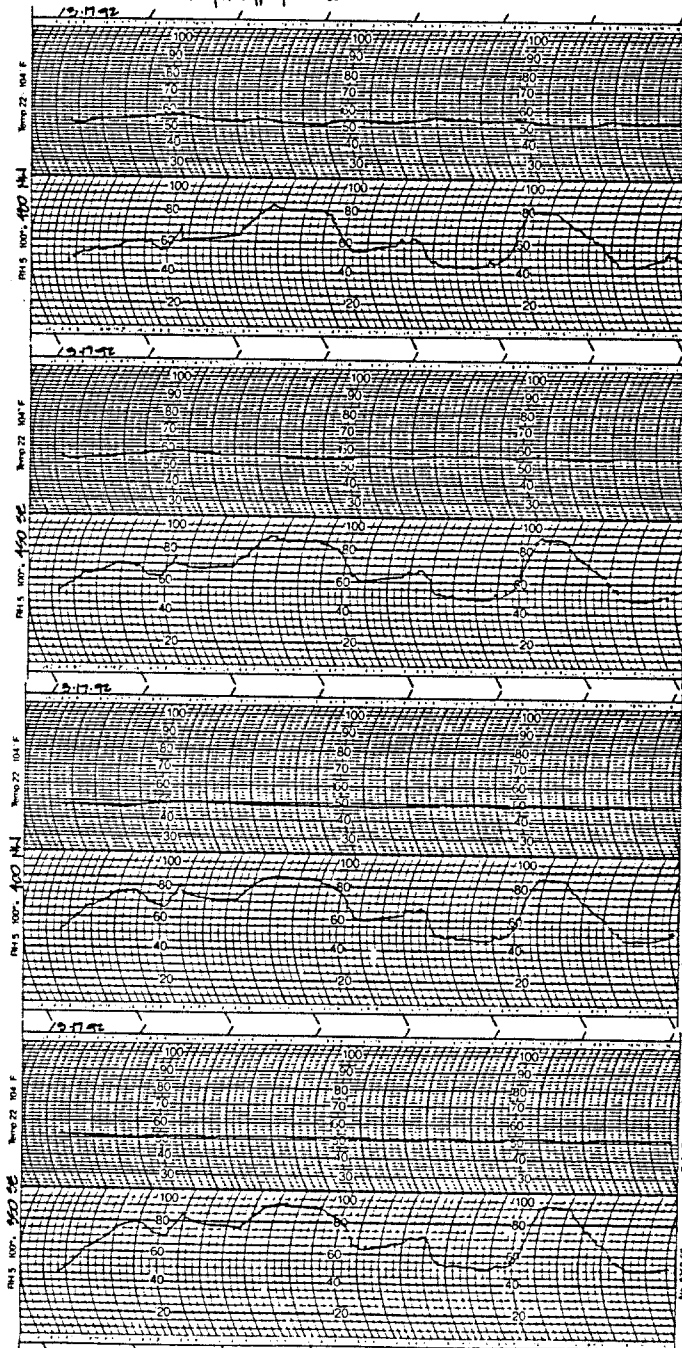
WASHINGTON MONUMENT

DATE: 3-17-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:30	64.8°	64.6°	53.1°	0%
2. 450 SE	9:45	62.8°	49.0°	60.5°	0%
3. 400 NW	10:00	61.3°	44.7°	49.8°	0%
4. 350 SE	10:05	61.8°	48.4°	51.0°	0%
5. 300 NW	10:10	60.1°	51.4°	54.7°	0%
6. 250 SE	10:15	58.3°	59.3°	61.3°	0%
7. 200 NW	10:20	64.2°	62.7°	64.1°	0%
8. 150 SE	10:25	64.6°	63.0°	64.0°	0%
9. 80 NW	10:30	65.5°	63.3°	65.4°	0%
10. 10 NW	10:35	66.2°	65.9°	68.0°	0%

OUTSIDE AIR TEMP: 49.7°

WEATHER: Bly cloudy, light breeze



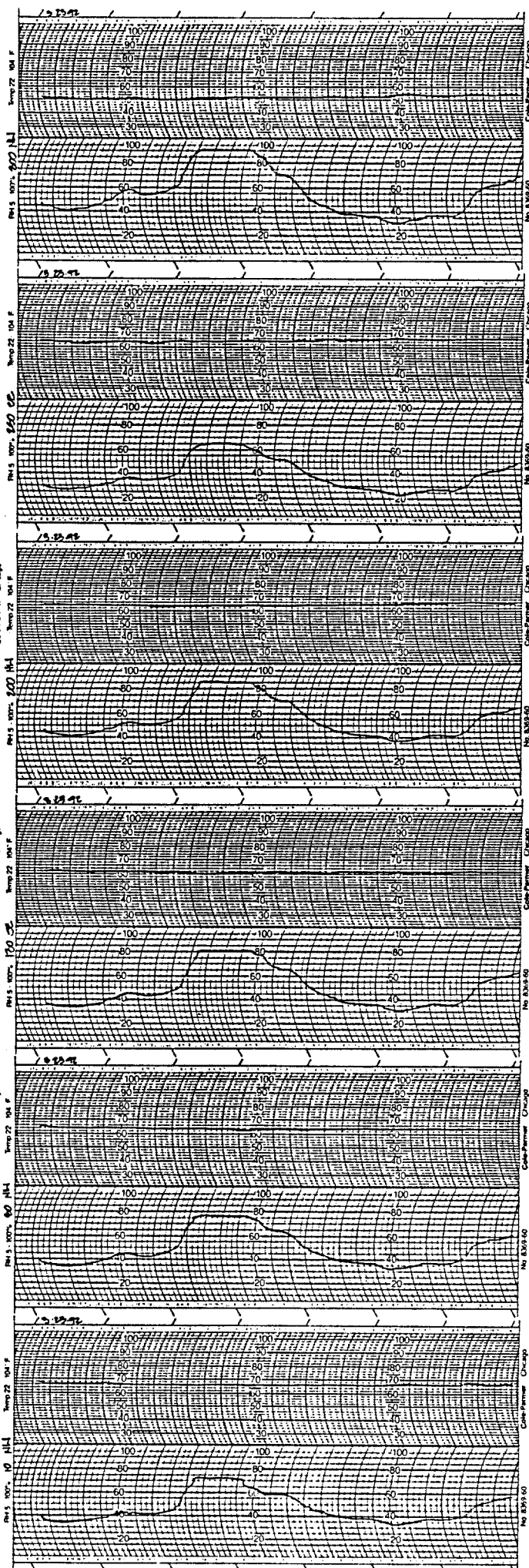
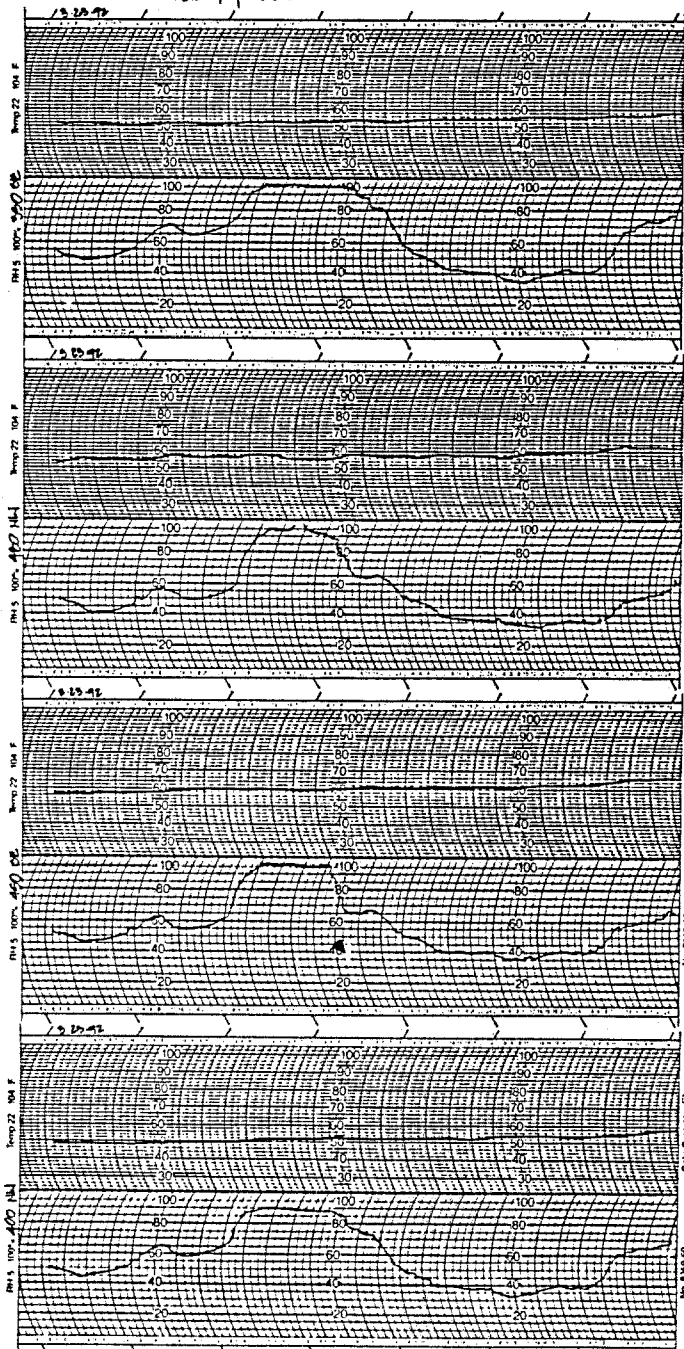
WASHINGTON MONUMENT

DATE: 5-20-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:20	57.8°	41.8°	59.4°	0%
2. 450 SE	9:25	56.6°	41.4°	58.7°	0%
3. 400 NW	9:30	55.2°	47.8°	58.4°	0%
4. 350 SE	9:35	53.6°	47.5°	58.1°	0%
5. 300 NW	9:40	50.1°	52.4°	54.4°	0%
6. 250 SE	9:45	55.1°	53.2°	60.4°	0%
7. 200 NW 44, 54	9:50	64.4°	62.5°	64.1°	0%
8. 150 SE	10:00	65.0°	62.0°	63.8°	0%
9. 80 NW	10:05	69.2°	63.2°	65.5°	0%
10. 10 NW	10:10	67.5°	65.8°	67.4°	0%

OUTSIDE AIR TEMP: 41.4°

WEATHER: Clear, light breeze



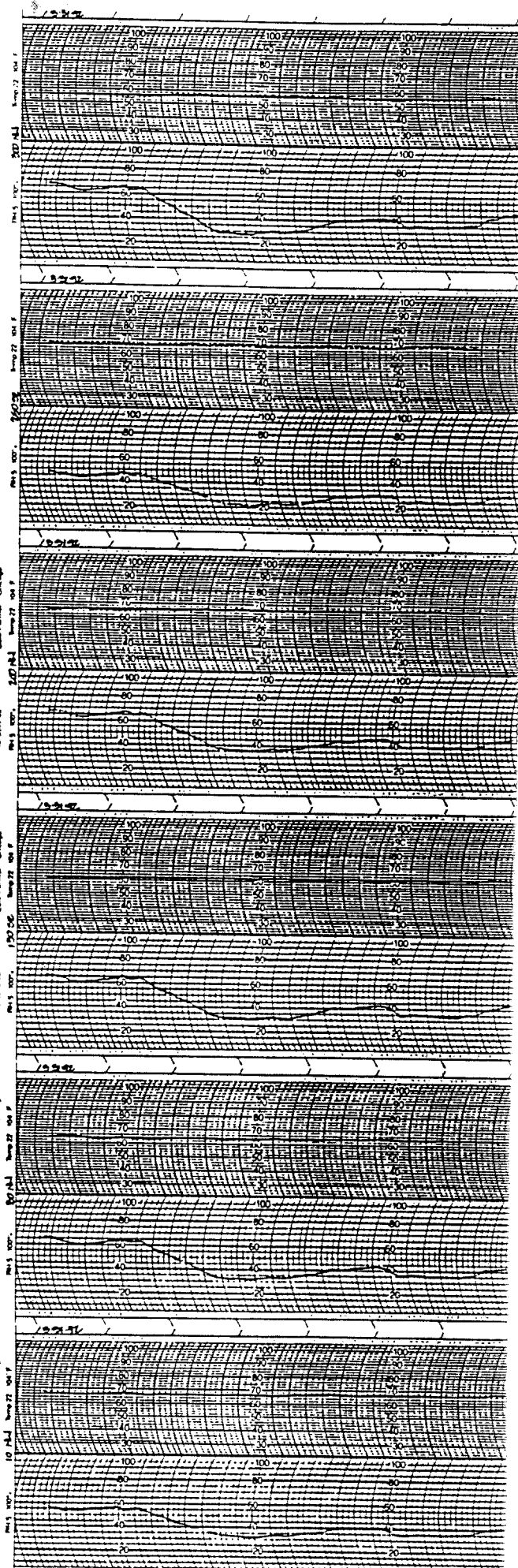
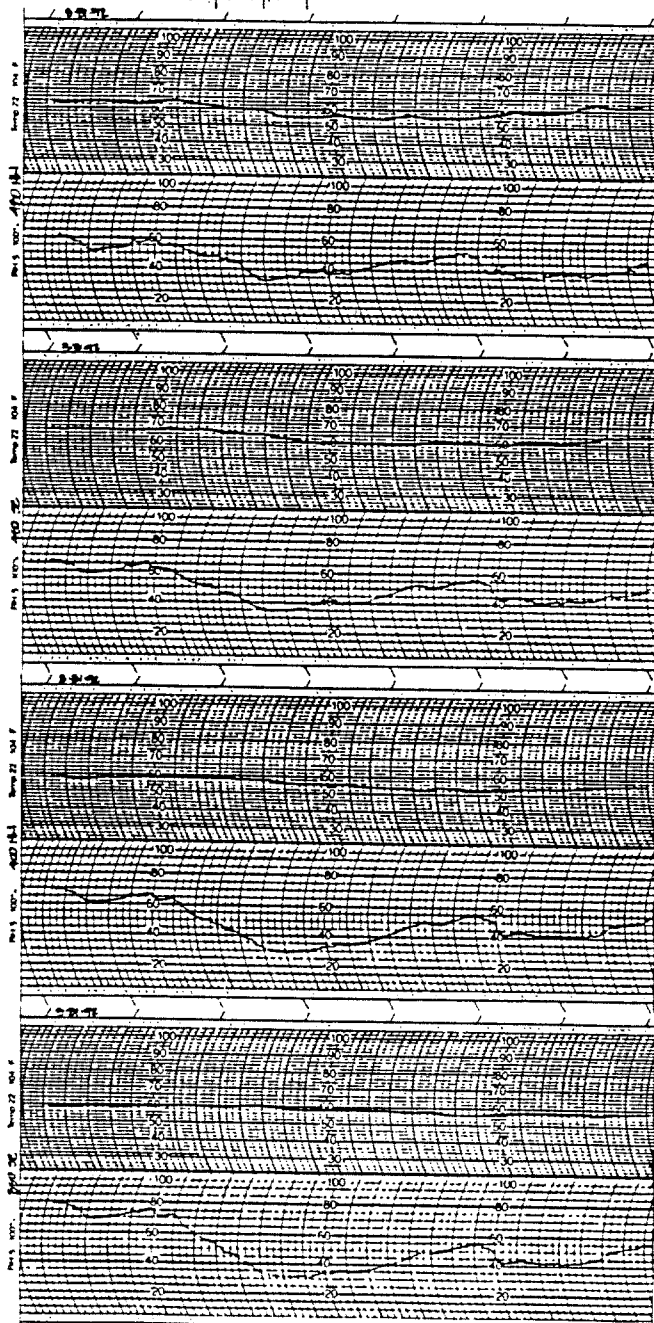
WASHINGTON MONUMENT

DATE 539Z

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:15	64.8°	59.6°	63.6°	0%
2. 450 SE	9:25	64.0°	56.7°	62.2°	0%
3. 400 NW	9:35	63.1°	50.8°	60.1°	0%
4. 350 SE	9:45	61.6°	54.9°	58.1°	0%
5. 300 NW	9:55	60.0°	50.7°	58.7°	0%
6. 250 SE	10:05	62.1°	61.9°	64.0°	0%
7. 200 NW	10:15	66.3°	62.5°	65.3°	0%
8. 150 SE	10:20	66.0°	62.6°	65.9°	0% - 14%
9. 80 NW	10:30	67.2°	62.9°	66.1°	0%
10. 10 NW	10:35	67.6°	65.8°	67.3°	0%

OUTSIDE AIR TEMP: 56.1°

WEATHER: partly cloudy, windy.

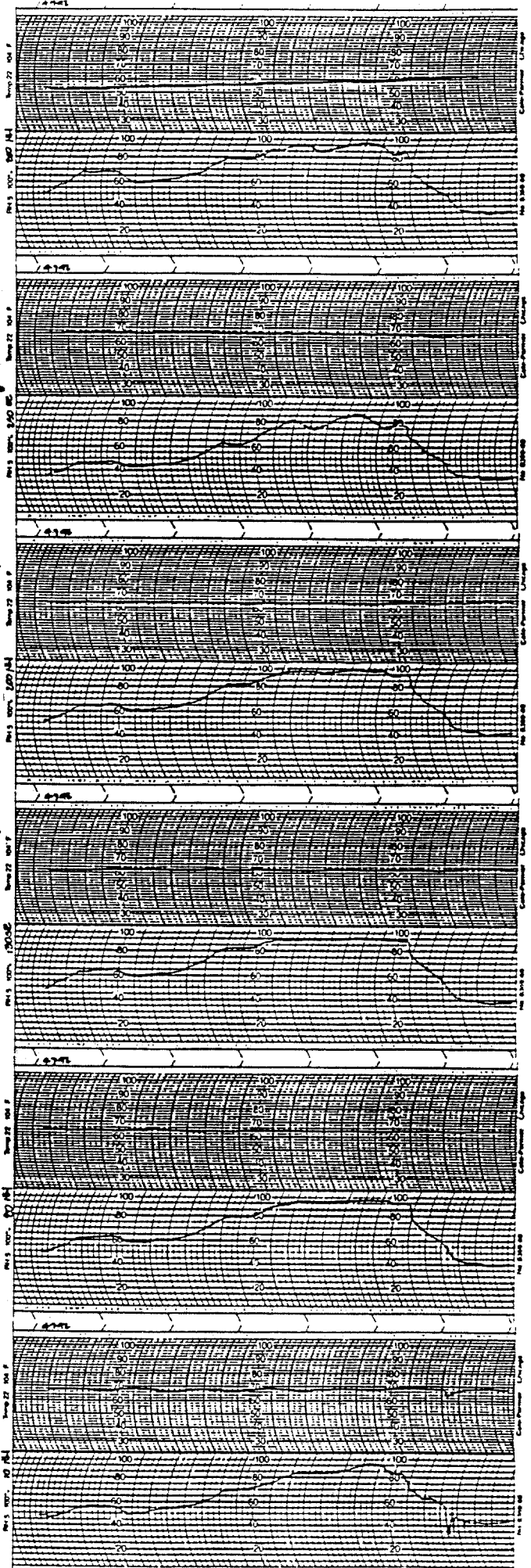
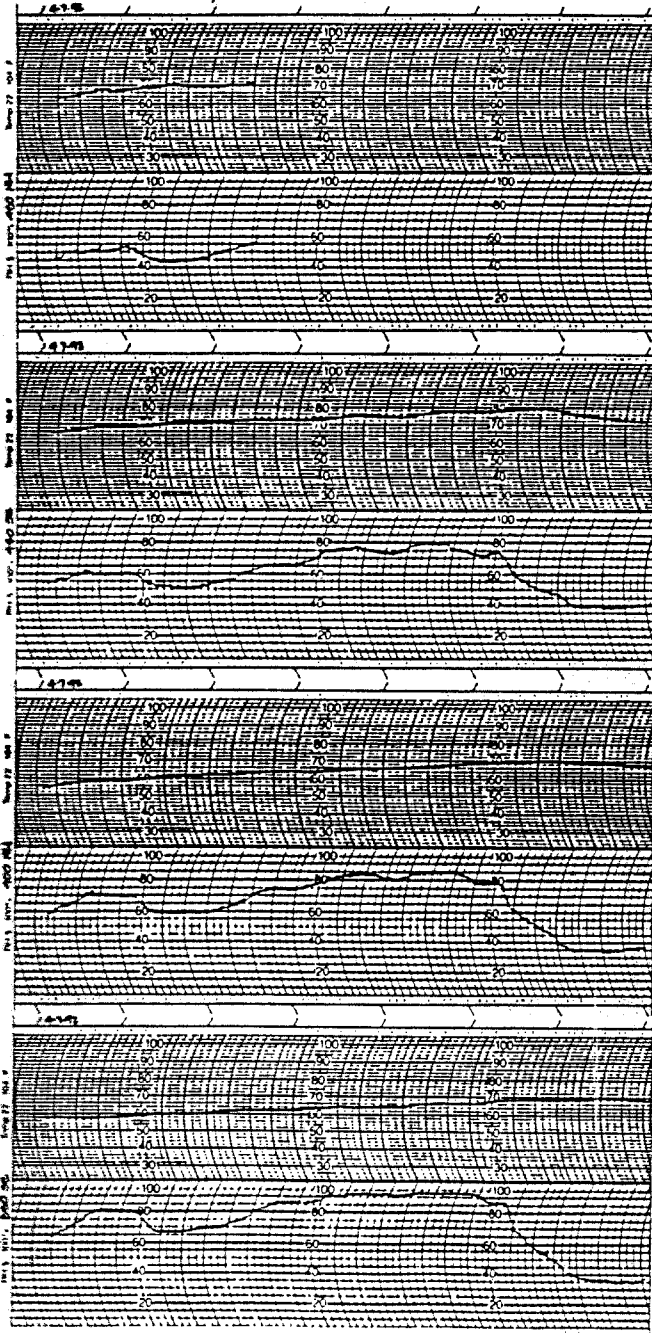


WASHINGTON MONUMENT

DATE: 4-7-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	10:30	67.1°	59.5°	64.8°	0%
2. 450 SE	10:40	64.8°	56.4°	61.9°	0%
3. 400 NW	11:00	61.5°	53.5°	58.7°	0%
4. 350 SE	11:05	59.7°	54.5°	57.5°	0%
5. 300 NW	11:10	60.2°	59.7°	58.5°	0%
6. 250 SE	11:20	64.7°	64.9°	64.5°	0%
7. 200 NW	11:30	66.2°	69.2°	65.1°	0%
8. 150 SE	11:40	65.7°	62.8°	64.5°	70% 0-10% 100% 0-100%
9. 80 NW	11:40	67.5°	64.4°	66.2°	0%
10. 10 NW	12:00	67.1°	66.9°	67.7°	0%

OUTSIDE AIR TEMP. 72.1°
 WEATHER: clear, mild.

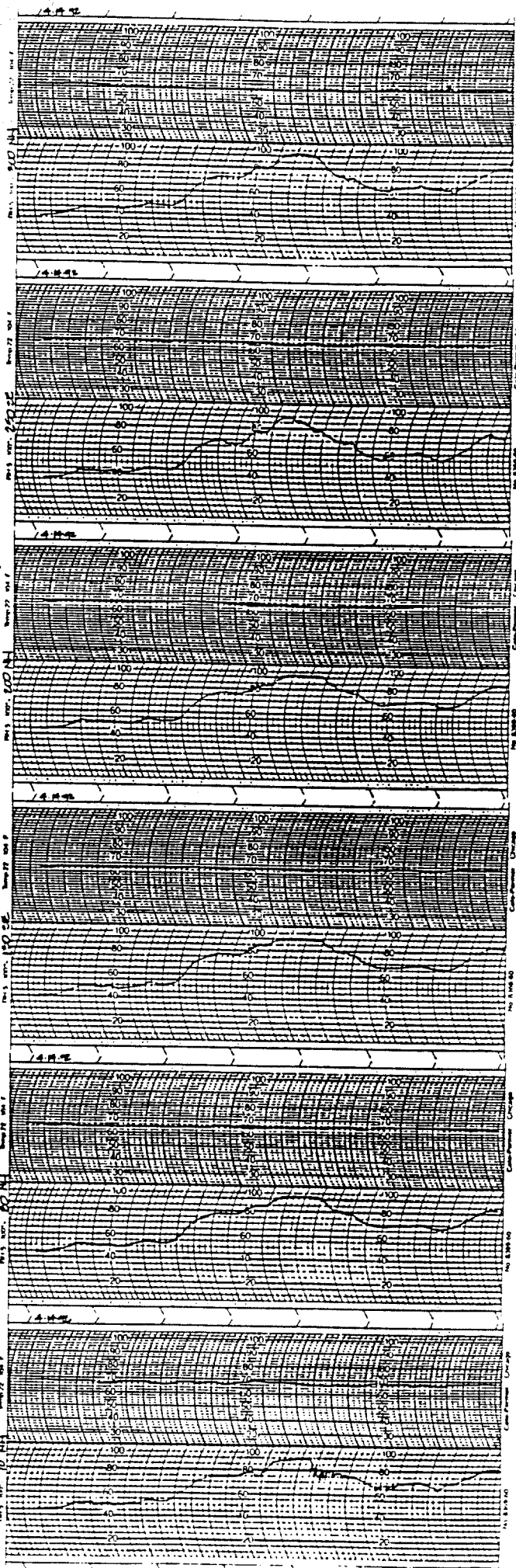
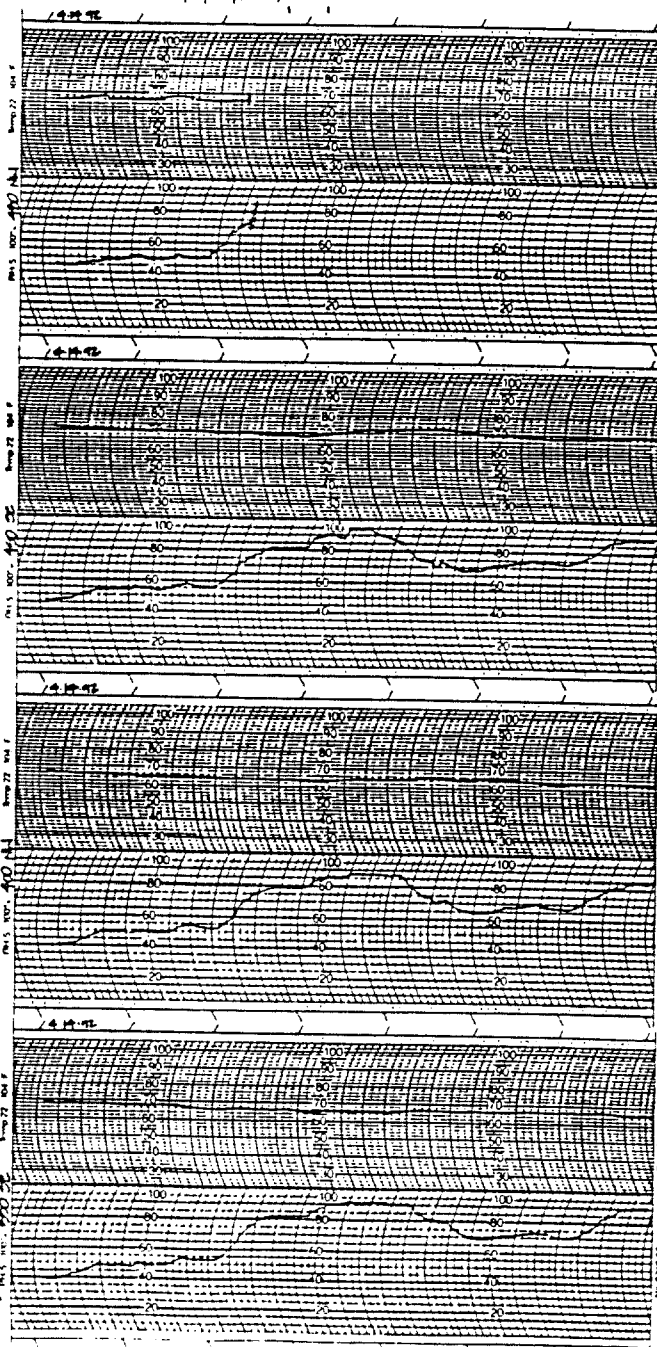


WASHINGTON MONUMENT

DATE: 4-14-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:15	65.6°	62.3°	63.0°	0%
2. 450 SE	9:20	67.6°	65.5°	66.8°	0%
3. 400 NW	9:30	66.1°	64.1°	67.5°	0%
4. 350 SE	9:35	66.6°	66.1°	67.3°	0%
5. 300 NW	9:45	66.7°	64.9°	66.8°	0.14% 0.1% stone
6. 250 SE	10:05	67.2°	64.9°	66.8°	0%
7. 200 NW	10:20	67.0°	64.8°	66.7°	0%
8. 150 SE	10:30	66.8°	64.8°	66.7°	0% 0.14% stone
9. 80 NW	10:35	66.7°	63.8°	65.7°	0%
10. 10 NW	10:45	66.6°	61.7°	66.3°	0%

OUTSIDE AIR TEMP: 68.5°
 WEATHER: light drizzle, breeze



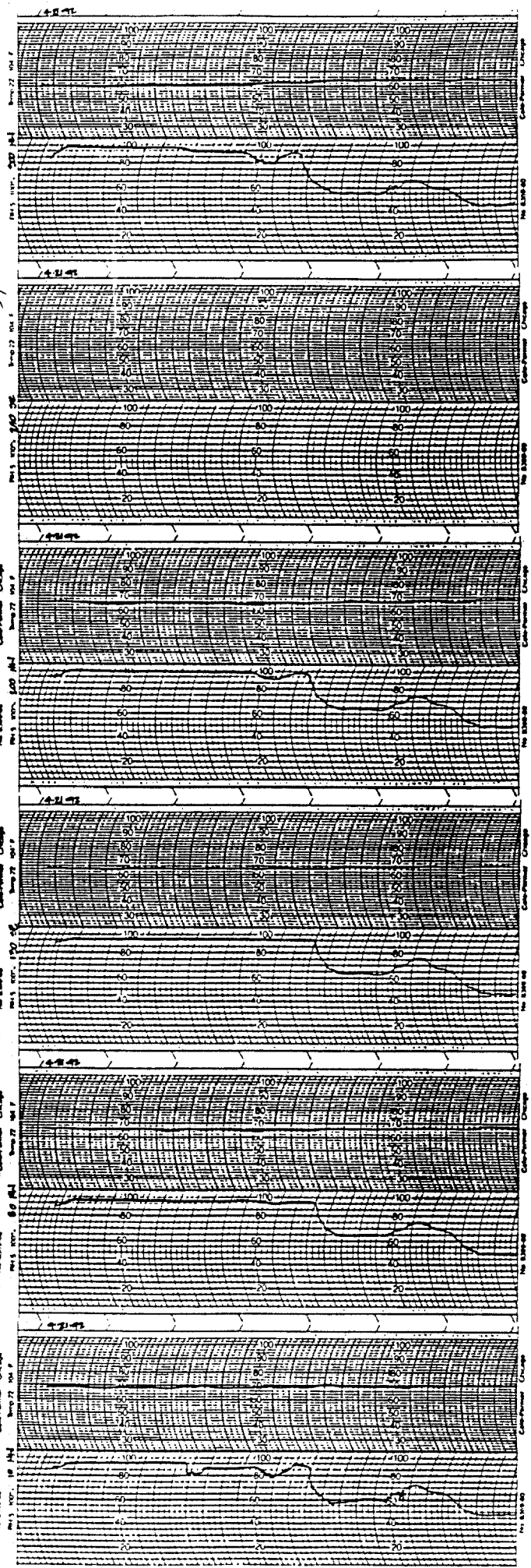
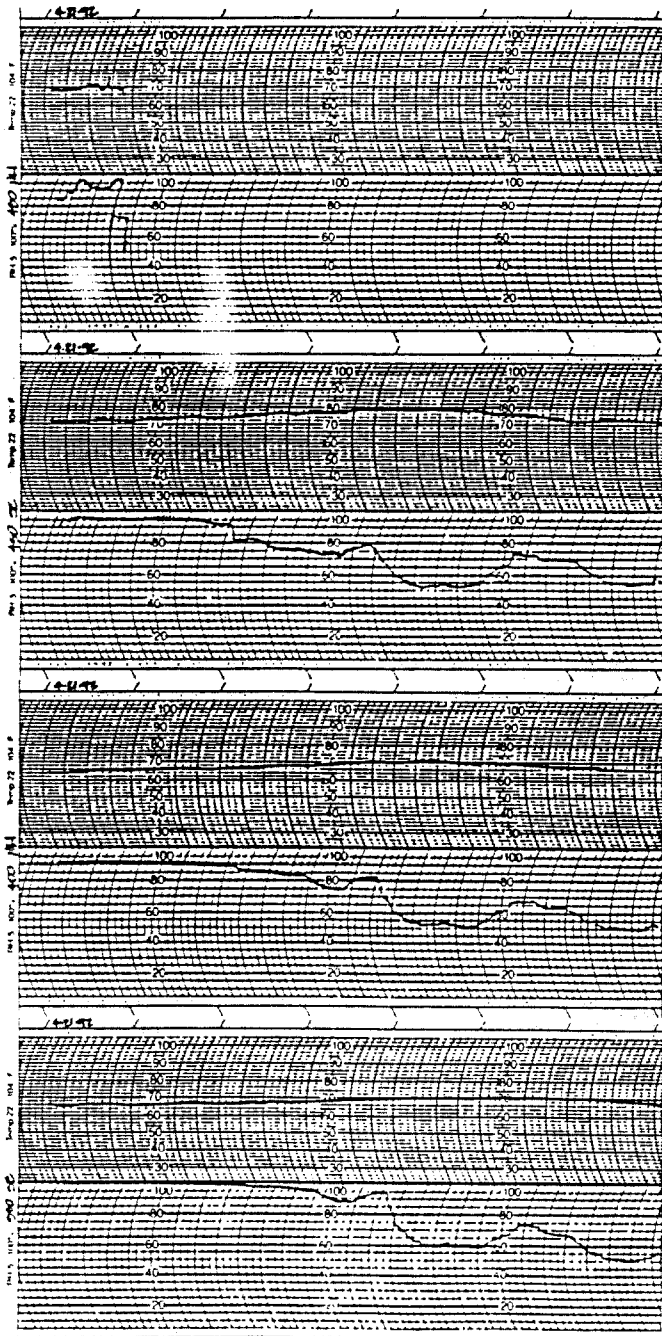
WASHINGTON MONUMENT

DATE: 4-21-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:15	66.6°	69.6°	68.4°	0%
2. 450 SE	9:30	68.4°	62.6°	67.2°	MOIST 0-25% HUMID 10-20%
3. 400 NW	9:45	68.5°	63.0°	66.3°	STONE 0-45% MOIST 10-18%
4. 350 SE	9:50	67.5°	62.9°	65.6°	STONE 0-42% MOIST 10-15%
5. 300 NW Crack Along gutter	9:55	66.7°	62.4°	65.5°	STONE 0-44% MOIST 25%+
6. 250 SE	10:05	65.7°	65.8°	66.5°	STONE 0% MOIST 12-25%
7. 200 NW	10:10	66.2°	66.5°	68.0°	STONE 0-15% MOIST 0-10%
8. 150 SE	10:20	68.8°	65.2°	66.5°	STONE 0-45% MOIST 12-24%
9. 80 NW	10:25	68.7°	65.6°	68.5°	STONE 0-42% MOIST 10-44%
10. 10 NW	10:50	70.4°	67.7°	69.5°	STONE 0-46% MOIST H-25%+

OUTSIDE AIR TEMP: 66.6°, breezy 75.0°

WEATHER:



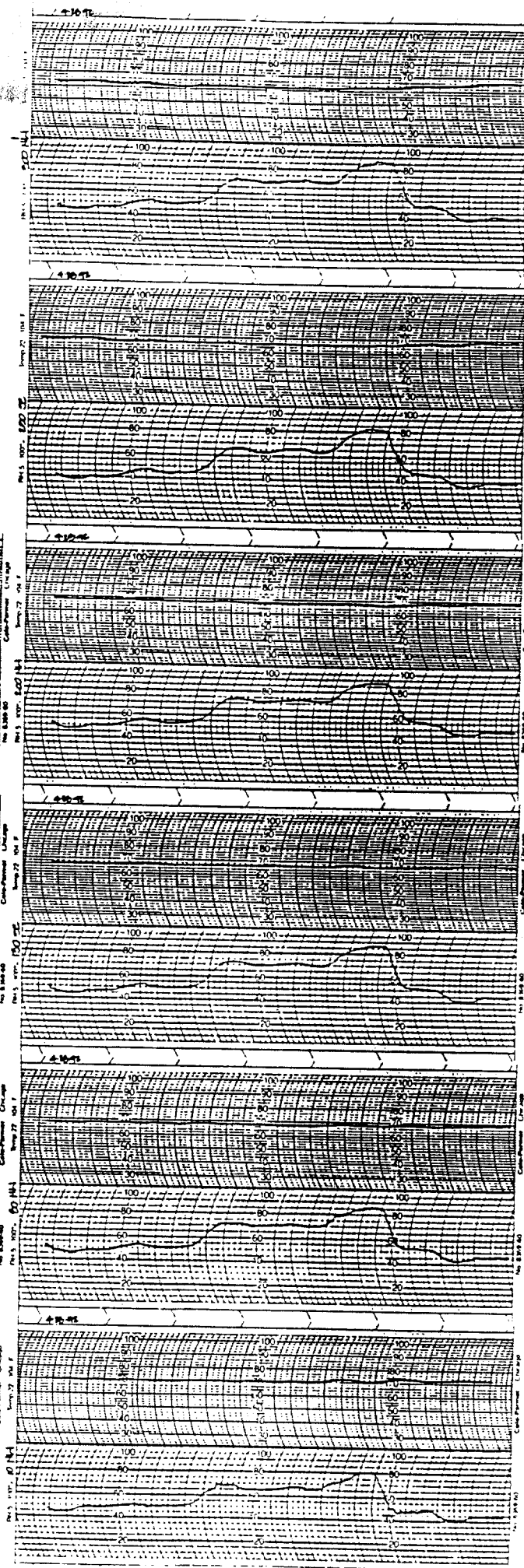
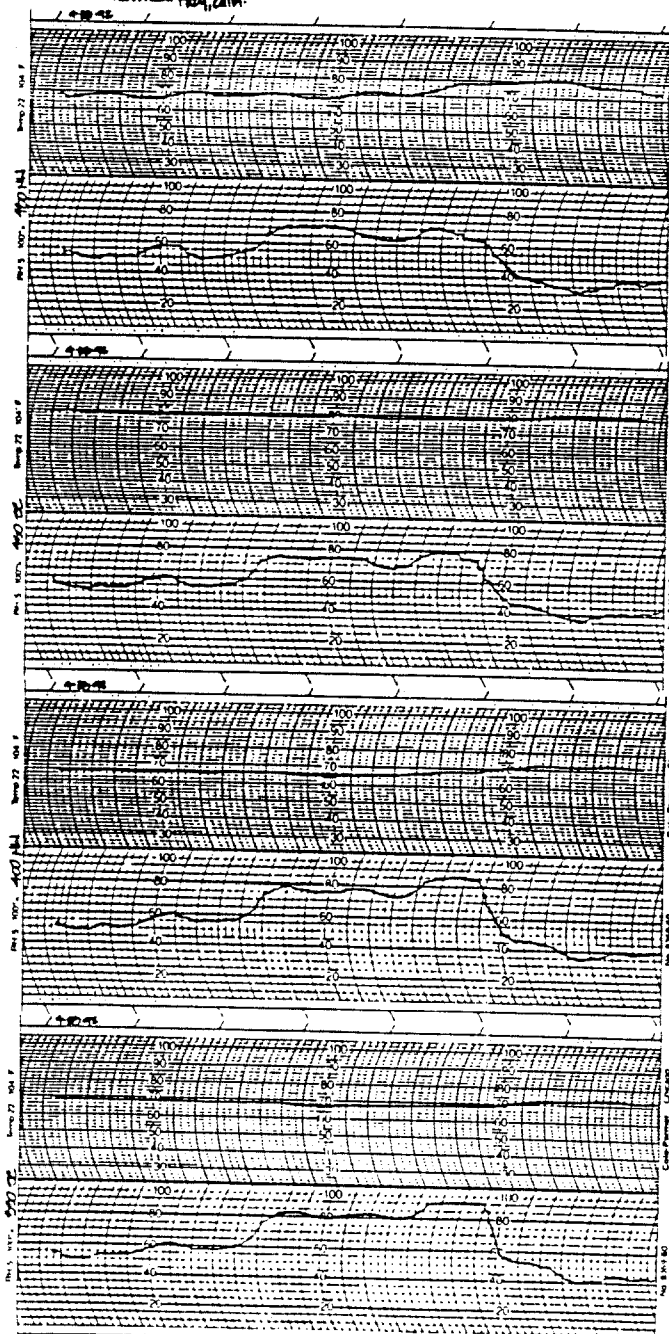
WASHINGTON MONUMENT

DATE: 12/2/92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:45	60.9°	60.1°	60.0°	0%
2. 450 SE	9:50	67.2°	64.5°	66.4°	0%
3. 400 NW	10:05	71.2°	69.6°	68.9°	0%
4. 350 SE	10:10	70.6°	67.2°	67.2°	0%
5. 300 NW	10:15	69.1°	66.8°	68.9°	0.45% water 0% stone 0.45% moisture
6. 250 SE	10:20	70.1°	68.5°	69.0°	0%
7. 200 NW	10:35	71.6°	69.0°	70.4°	0%
8. 150 SE	10:50	71.1°	68.4°	69.3°	0%
9. 80 NW	10:55	70.8°	68.2°	69.7°	0%
10. 10 NW	10:40	74.5°	71.0°	72.5°	4.5% water 0.45% moisture

OUTSIDE AIR TEMP: 63.5°

WEATHER: Hazy, calm.



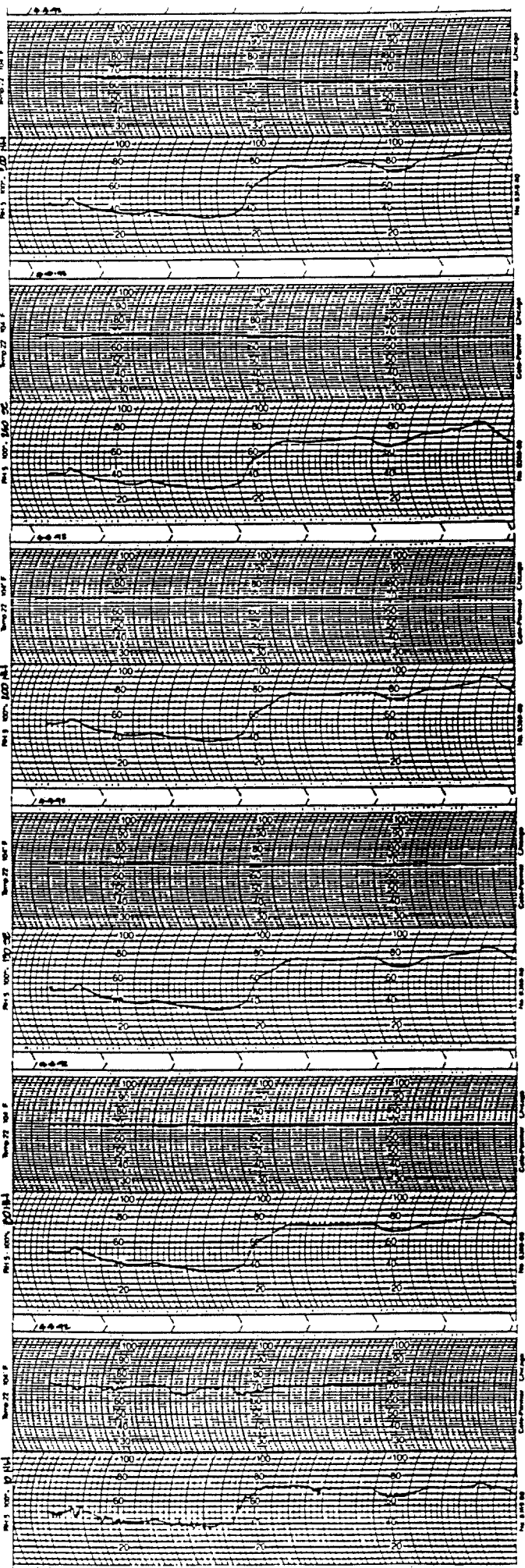
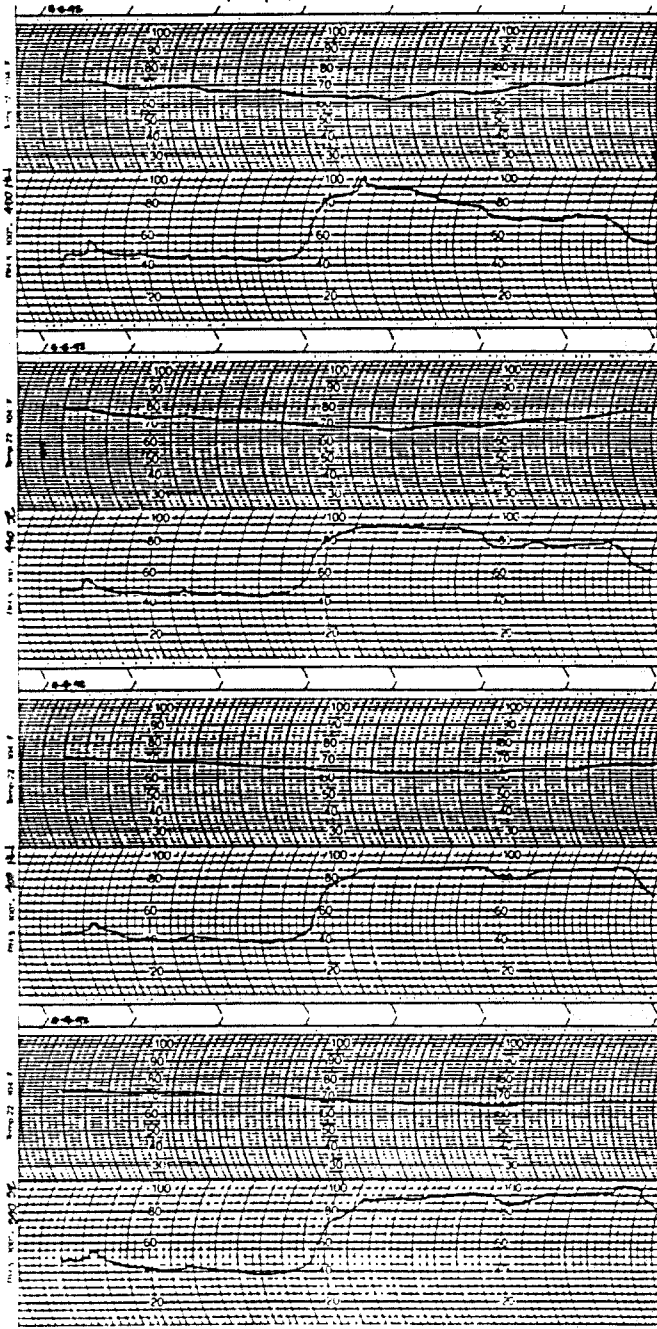
WASHINGTON MONUMENT

DATE: 5-5-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	12:30	76.6°	71.7°	74.5°	0%
2. 450 SE	12:40	74.7°	71.5°	73.7°	0%
3. 400 NW	12:45	74.5°	71.3°	73.0°	0%
4. 350 SE	12:50	74.5°	70.8°	72.7°	0%
5. 300 NW	12:55	73.6°	71.5°	71.6°	0%
6. 250 SE	1:00	72.6°	70.4°	71.7°	0%
7. 200 NW	1:05	72.7°	69.6°	71.5°	0%
8. 150 SE	1:10	72.0°	68.7°	70.2°	0%
9. 80 NW	1:15	72.5°	67.8°	71.2°	0%
10. 10 NW	1:20	73.8°	71.7°	73.9°	0%

OUTSIDE AIR TEMP: 58.7°

WEATHER: Cloudy, breezy, light rain.



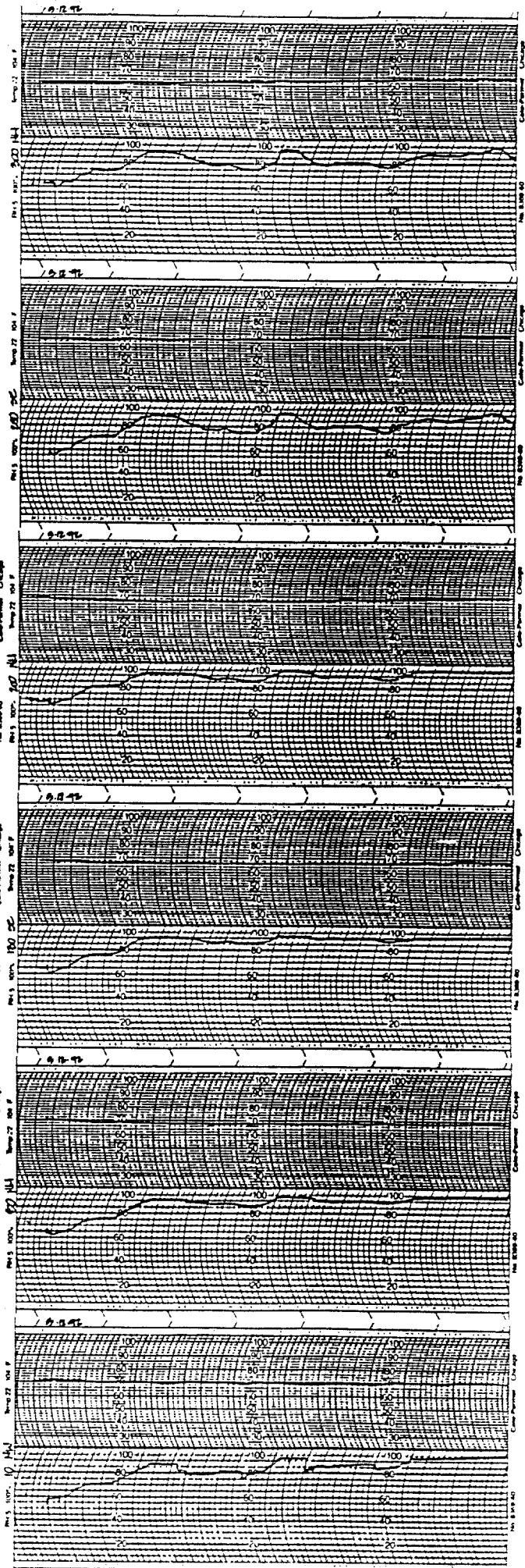
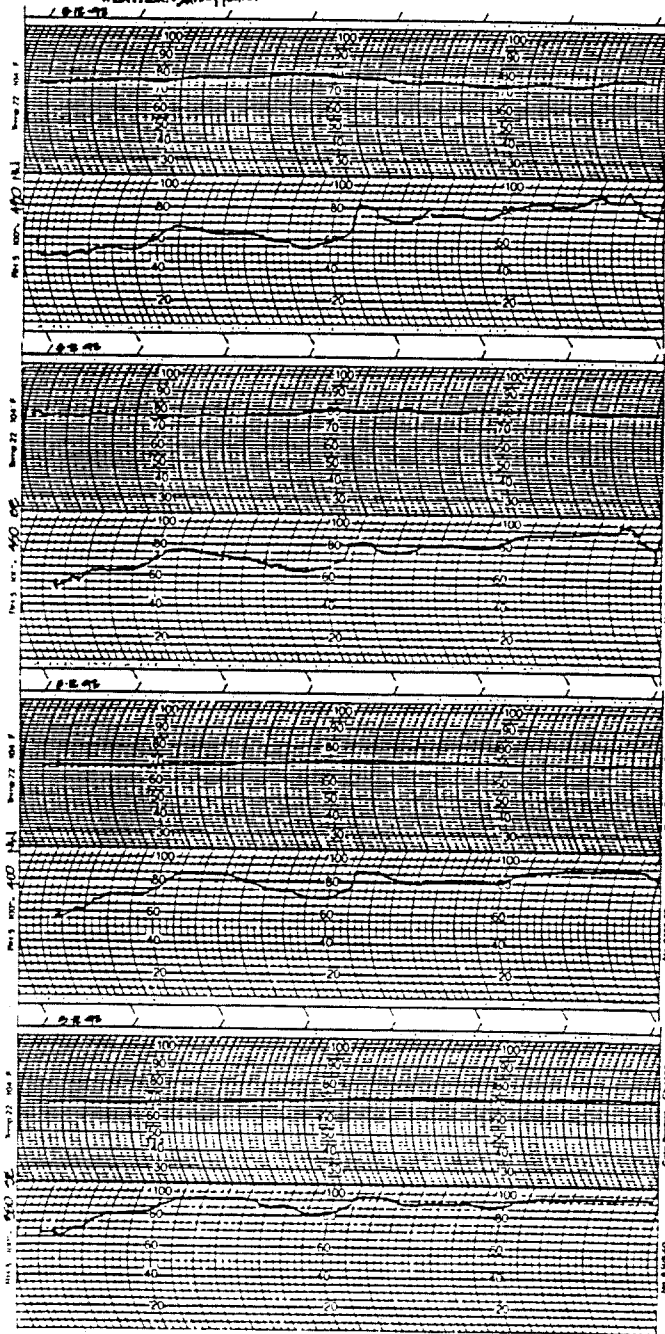
WASHINGTON MONUMENT

DATE: 6-12-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	10:05	73.6°	71.8°	73.5°	0%
2. 450 SE	10:15	74.2°	69.1°	72.6°	0%
3. 400 NW	10:25	76.1°	67.6°	70.4°	0%
4. 350 SE	10:30	70.8°	65.8°	68.4°	0%
5. 300 NW	10:35	69.7°	66.4°	67.7°	0%
6. 250 SE	10:40	69.8°	66.9°	68.2°	0%
7. 200 NW	10:45	70.6°	66.4°	69.5°	0%
8. 150 SE	10:55	71.2°	68.6°	69.4°	Stone 0-20% Water 12-30%
9. 80 NW	11:00	72.7°	68.8°	71.1°	Stone 0-44% Water 0-14%
10. 30 NW	11:05	73.4°	70.8°	71.5°	Stone 0% Water 0-16%

OUTSIDE AIR TEMP: 74.2°

WEATHER: Sunny, calm



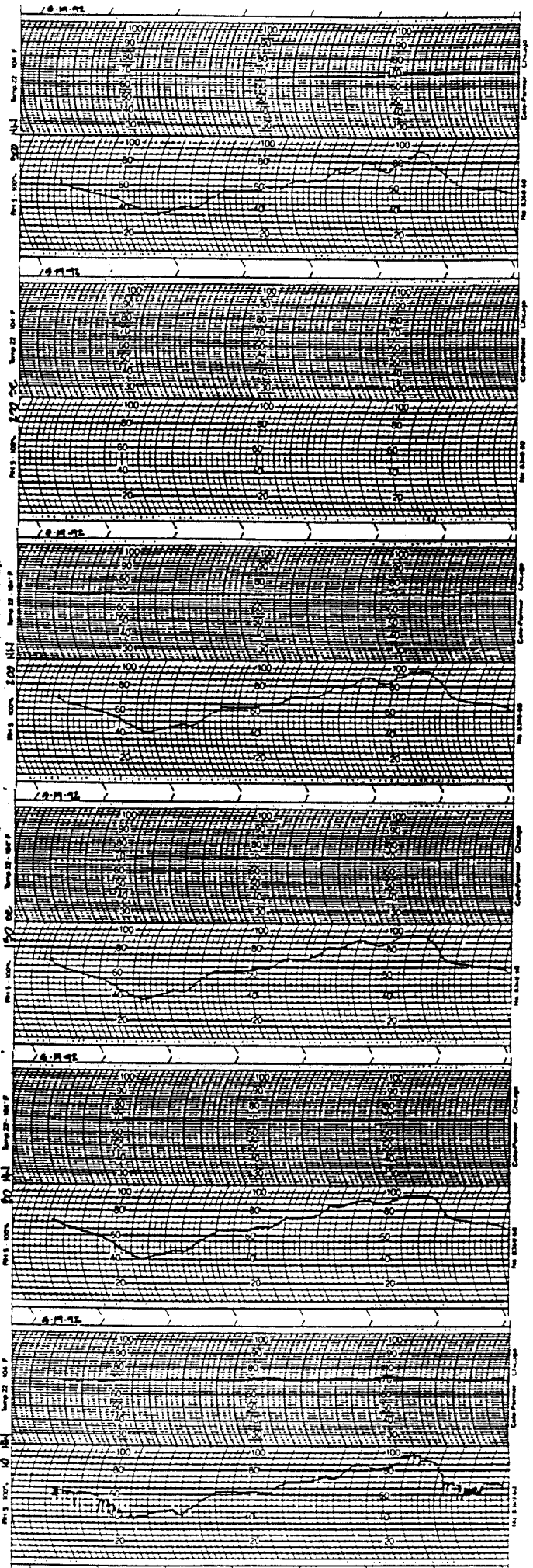
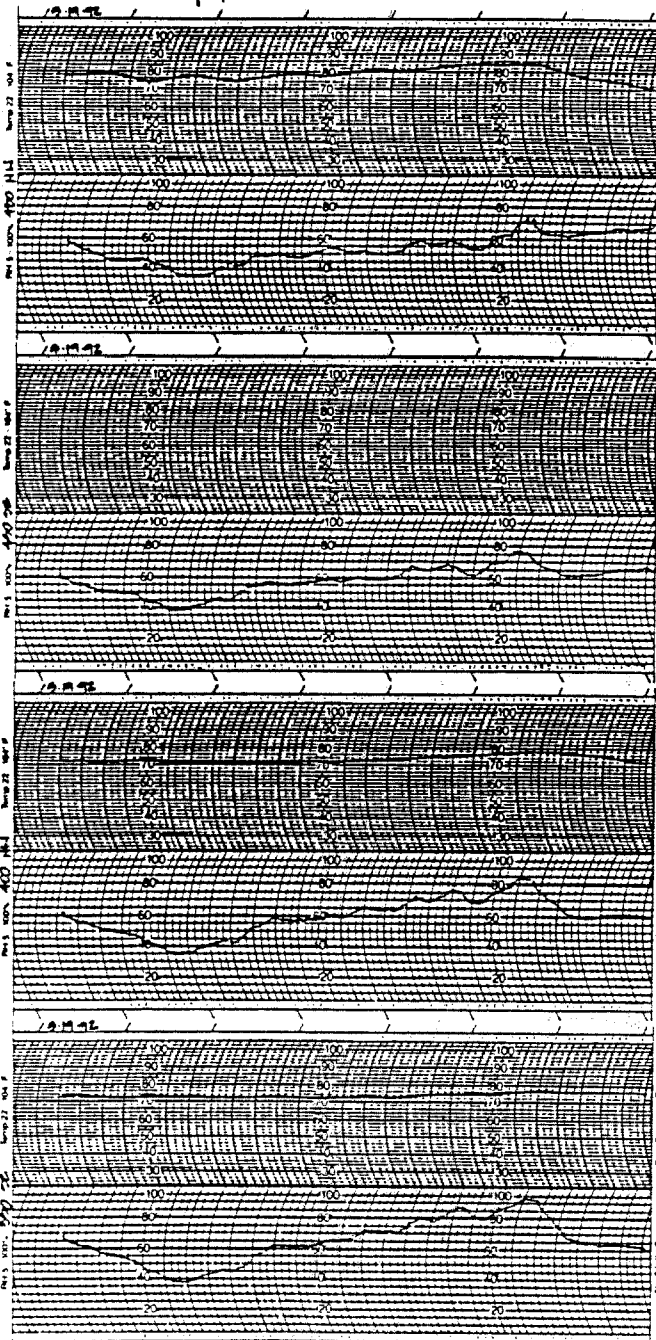
WASHINGTON MONUMENT

DATE 5/7/72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	1:35	71.4°	74.4°	77.7°	0%
2. 450 SE	1:45	79.5°	73.9°	75.3°	0%
3. 400 NW	1:55	78.3°	72.6°	73.4°	0%
4. 350 SE	2:00	77.1°	70.7°	73.1°	0%
5. 300 NW	2:05	76.9°	71.7°	71.0°	0%
6. 250 SE	2:15	73.3°	70.7°	71.3°	0%
7. 200 NW	2:20	76.4°	69.7°	71.2°	0%
8. 150 SE	2:30	73.7°	69.5°	69.7°	0%
9. 80 NW	2:40	73.5°	69.4°	69.8°	0%
10. 10 NW	6:45	73.1°	70.4°	70.4°	0%

OUTSIDE AIR TEMP: 70.7°

WEATHER: Hazy, light breeze



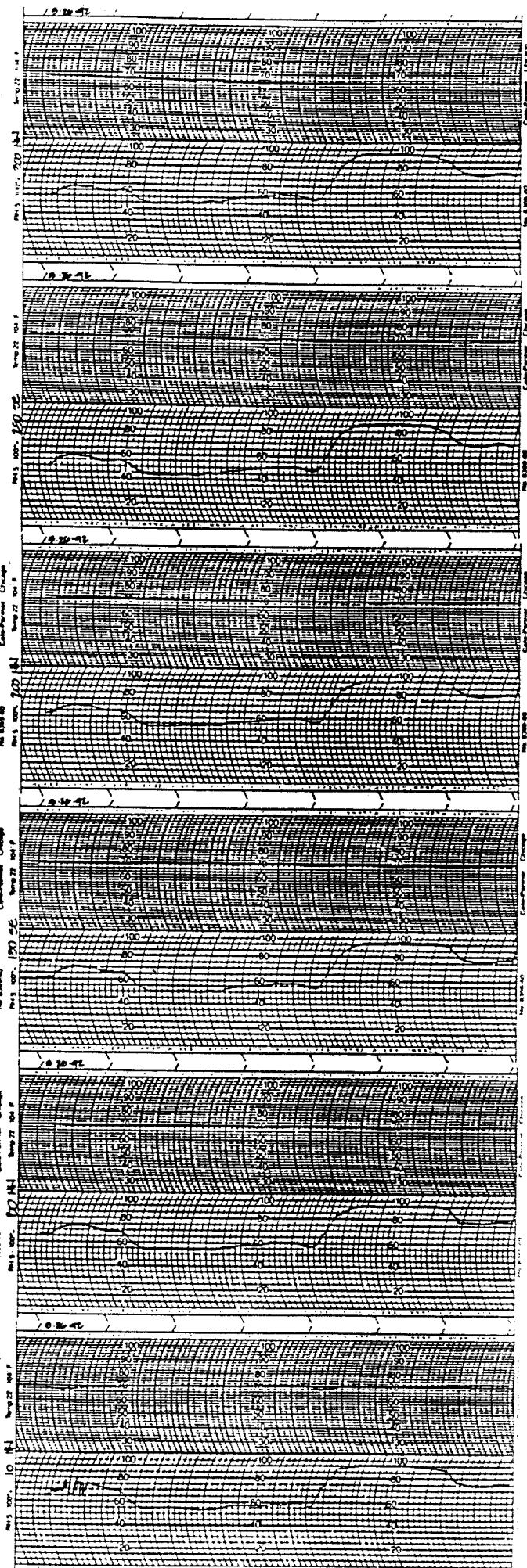
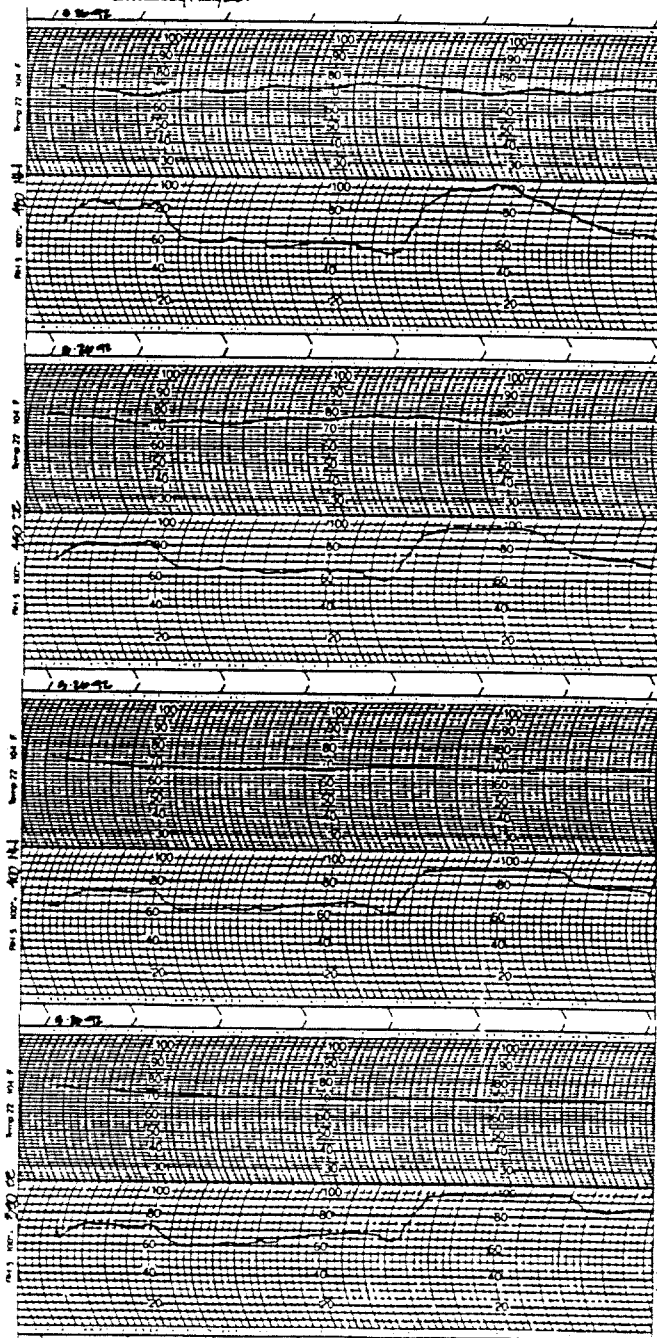
WASHINGTON MONUMENT

DATE: 5-26-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:45	70.5°	67.9°	70.6°	0%
2. 450 SE	9:50	72.5°	68.8°	72.0°	0%
3. 400 NW	10:00	72.6°	71.6°	71.8°	0%
4. 350 SE	10:10	73.9°	72.5°	73.0°	0%
5. 300 NW	10:15	73.5°	72.8°	72.6°	0%
6. 250 SE	10:20	74.7°	71.8°	72.7°	0%
7. 200 NW	10:25	73.7°	71.7°	72.0°	0%
8. 150 SE	10:30	73.6°	70.3°	70.7°	Stone 0-12% Metal 0-25%
9. 80 NW	10:35	73.2°	69.7°	70.8°	Stone 0% Metal 0-25%
10. 10 NW	10:40	70.7°	69.4°	69.0°	Stone 0-14% Metal 0-25%

OUTSIDE AIR TEMP: 55.2°

WEATHER: Light rain/fog.



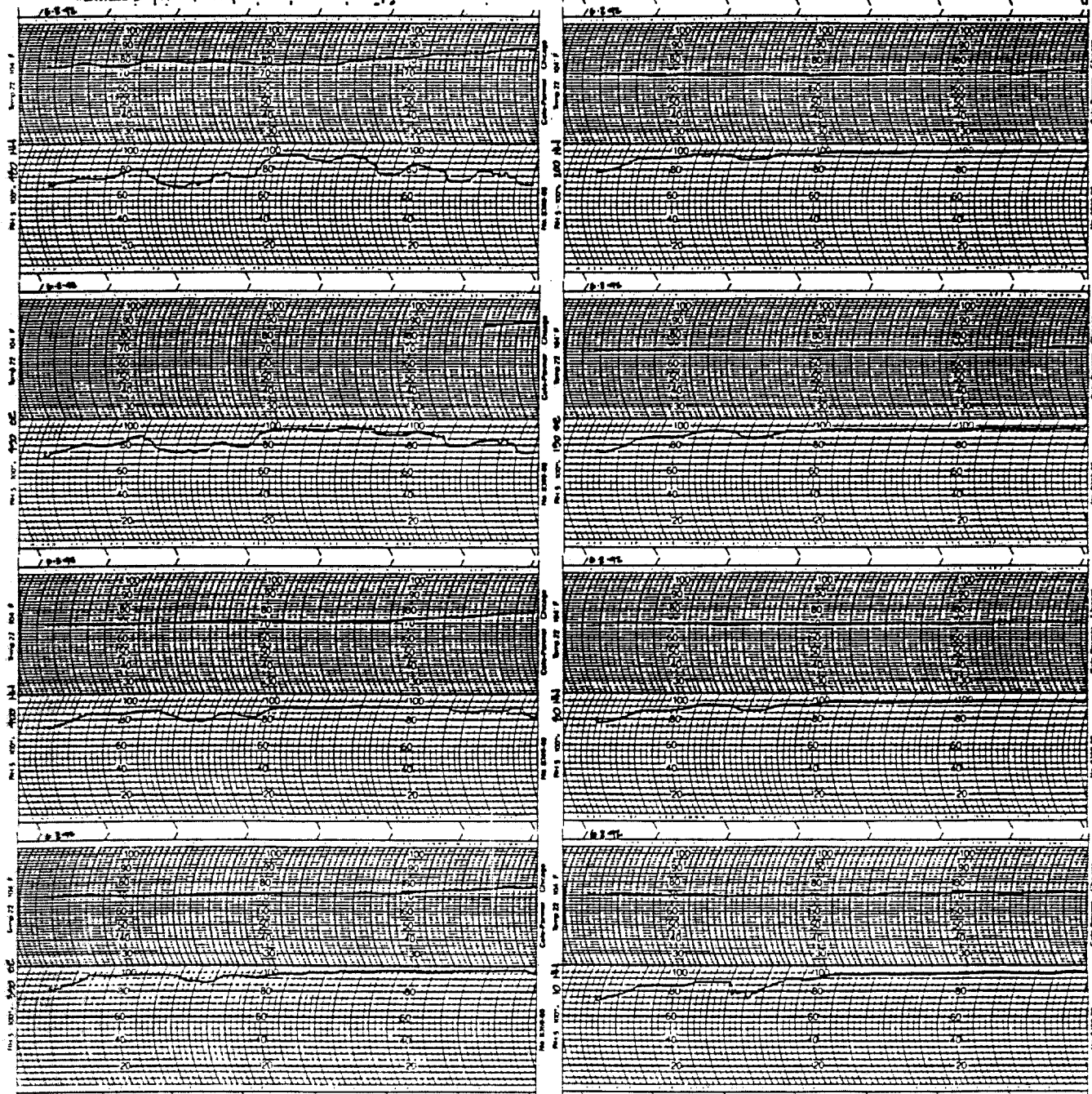
WASHINGTON MONUMENT

DATE: 6-2-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:55	74.3°	71.0°	74.1°	0%
2. 450 SE	10:00	74.1°	70.3°	72.7°	0%
3. 400 NW	10:05	73.6°	69.0°	70.8°	0%
4. 350 SE	10:10	71.7°	68.1°	69.2°	0%
5. 300 NW	10:15	70.9°	68.1°	69.1°	0%
6. 250 SE	10:20	71.1°	69.3°	70.3°	0%
7. 200 NW	10:25	70.5°	70.0°	70.1°	0%
8. 150 SE	10:30	72.0°	70.0°	70.7°	0%
9. 80 NW	10:35	72.5°	69.8°	70.7°	0%
10. 10 NW	10:40	73.2°	70.7°	71.8°	0%

OUTSIDE AIR TEMP: 74.5

WEATHER: Partly cloudy, Heavy rain at 10:00.



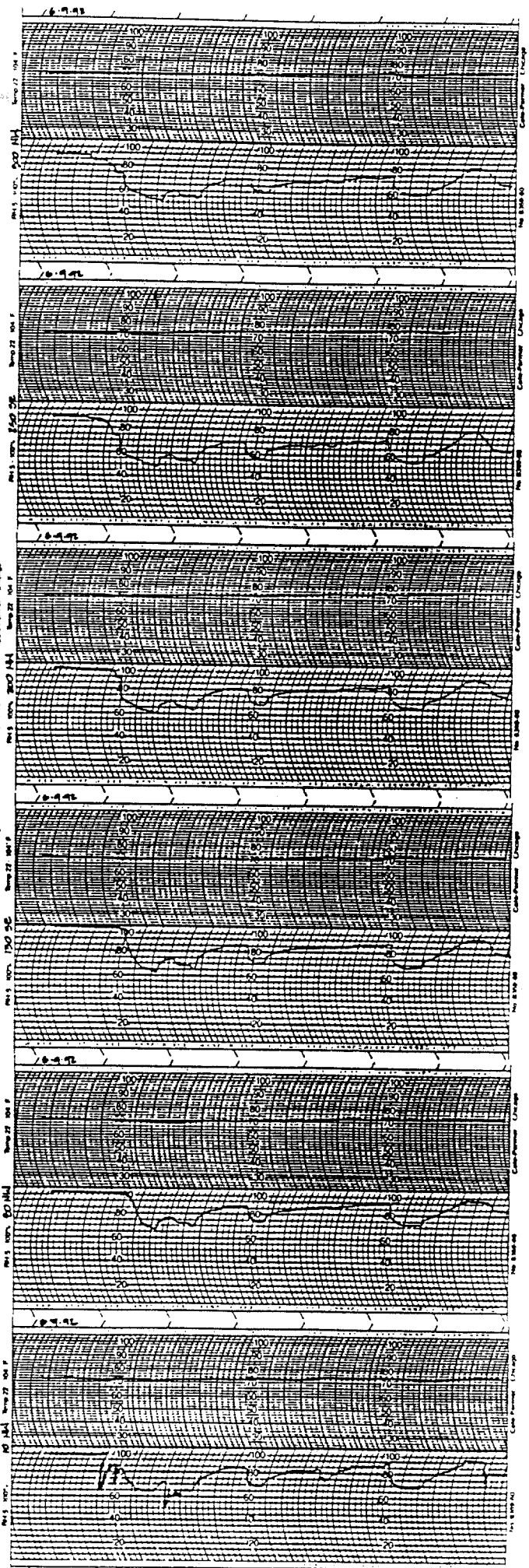
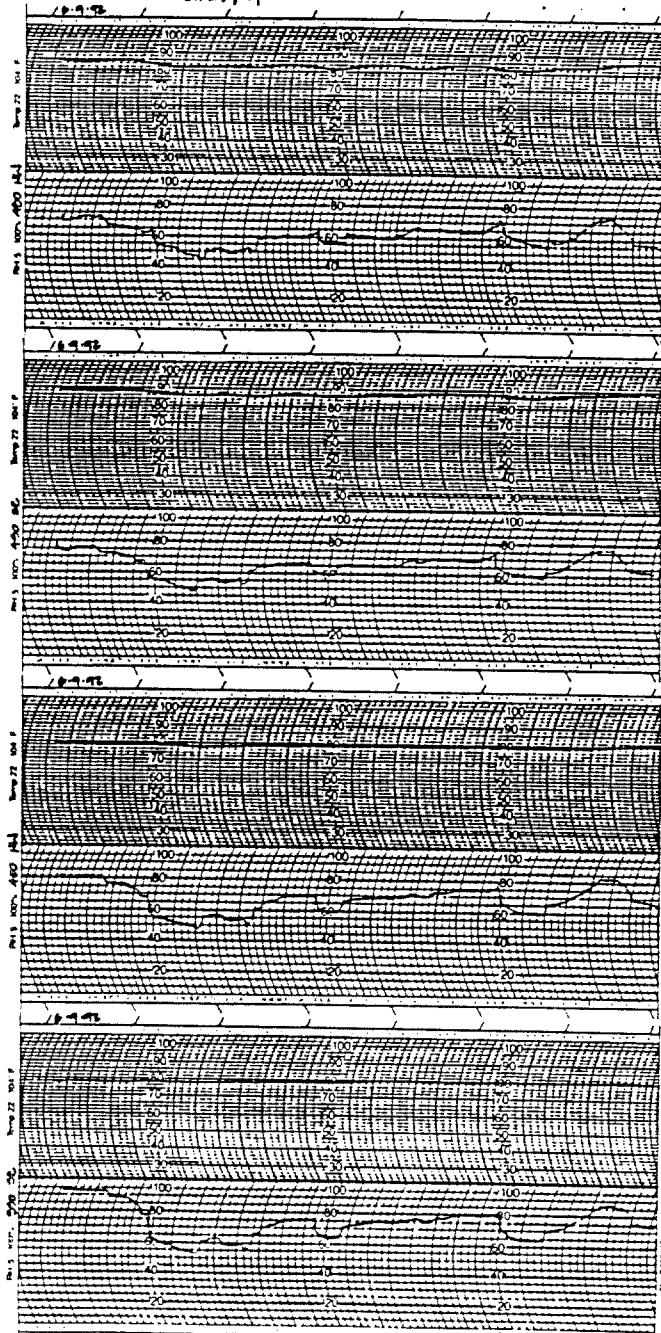
WASHINGTON MONUMENT

DATE 6-9-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9.35	83.4°	82.0°	82.7°	Stone 0-15% Moisture 0-15%
2. 450 SE	9.40	82.7°	82.0°	82.5°	Stone 11-25% Moisture 14-25%
3. 400 NW	9.45	81.8°	79.4°	79.5°	Stone 11-25% Moisture 14-25%
4. 350 SE	9.50	80.2°	76.2°	76.5°	Stone 11-25% Moisture 14-25%
5. 300 NW	10.00	79.1°	74.5°	74.6°	Stone 11-25% Moisture 14-25%
6. 250 SE	10.05	77.7°	72.9°	73.1°	Stone 11-25% Moisture 14-25%
7. 200 NW	10.10	74.4°	71.6°	72.5°	Stone 11-25% Moisture 14-25%
8. 150 SE	10.20	73.0°	71.6°	72.5°	Stone 11-25% Moisture 14-25%
9. 80 NW	10.25	72.4°	70.5°	71.5°	Stone 11-25% Moisture 14-25%
NE 10 NW	10.30	72.5°	71.0°	72.6°	Stone 11-25% Moisture 14-25%

OUTSIDE AIR TEMP: 77.2°

WEATHER: Cloudy, mild breeze



WASHINGTON MONUMENT

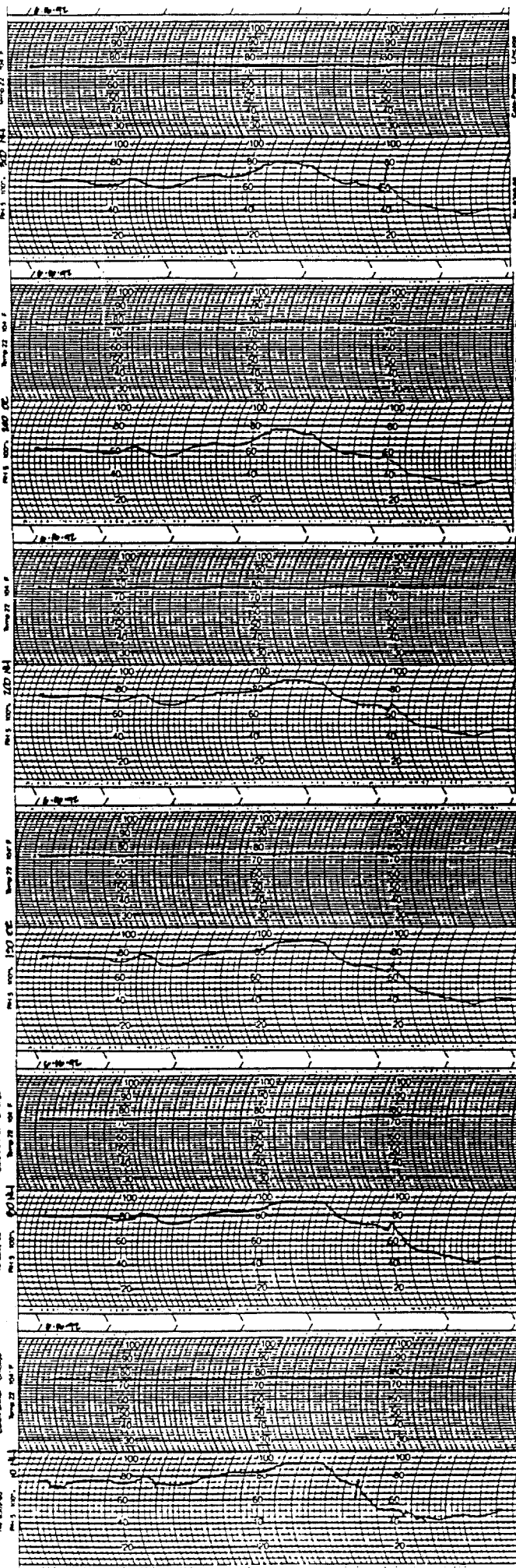
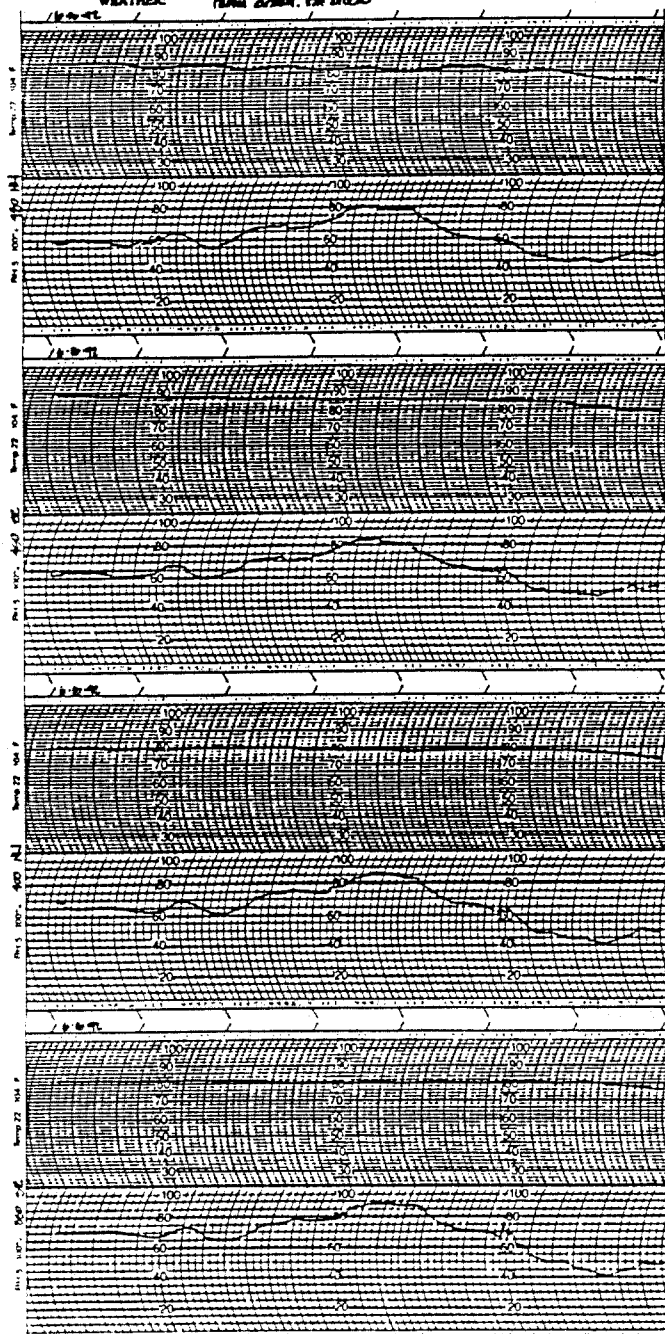
DATE 6/6/72

LOCATION	TIME	AIR °	STONE SURFACE °	METAL SURFACE °	STONE MOISTURE
1. K 480 NW	8:30	81.6°	81.7°	82.0°	
2. K 450 SE	8:34	82.4°	81.8°	81.9°	
3. K 400 NW	8:51	81.0°	78.5°	77.9°	
4. K 350 SE	8:40	80.6°	78.7°	79.2°	
5. K 300 NW	8:47	80.0°	78.4°	78.5°	
6. K 250 SE	8:50	79.4°	77.5°	78.3°	
7. K 200 NW	8:59	78.5°	75.9°	77.0°	
8. 130 SE	9:00	76.5°	74.4°	75.1°	
9. 80 NW	9:03	75.5°	73.0°	74.4°	
10. 10 NW	9:05	74.6°	73.1°	73.9°	

OUTSIDE AIR TEMP: 77.7°

WEATHER: Partly cloudy, light breeze

Relative humidity



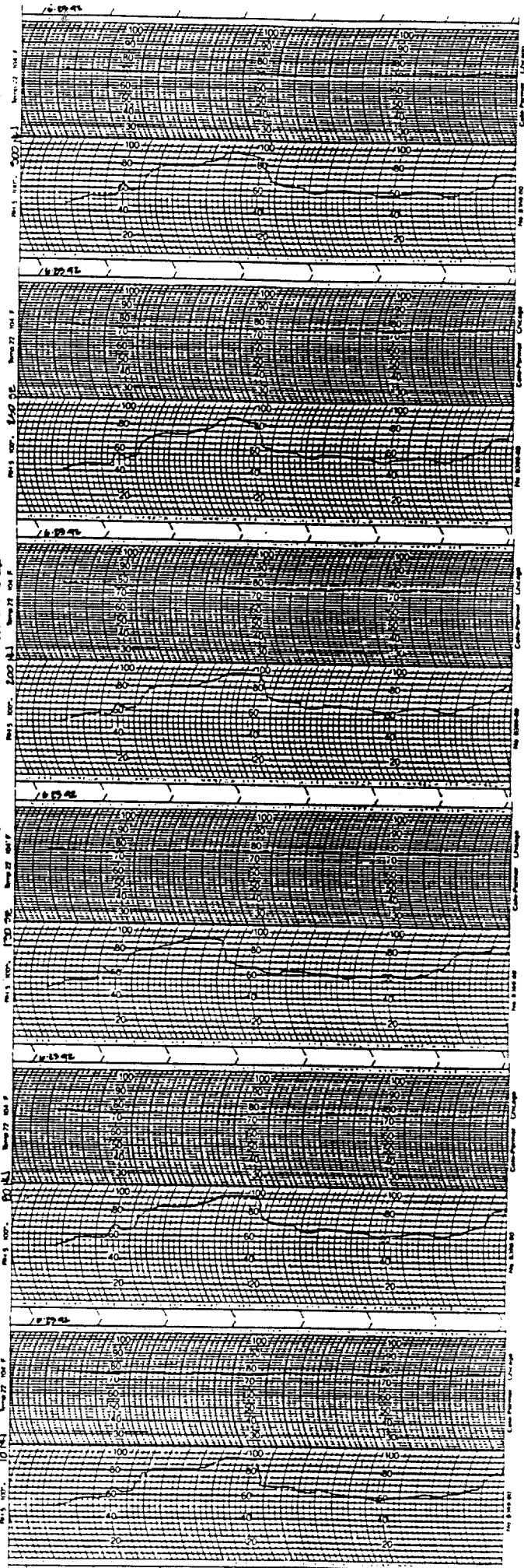
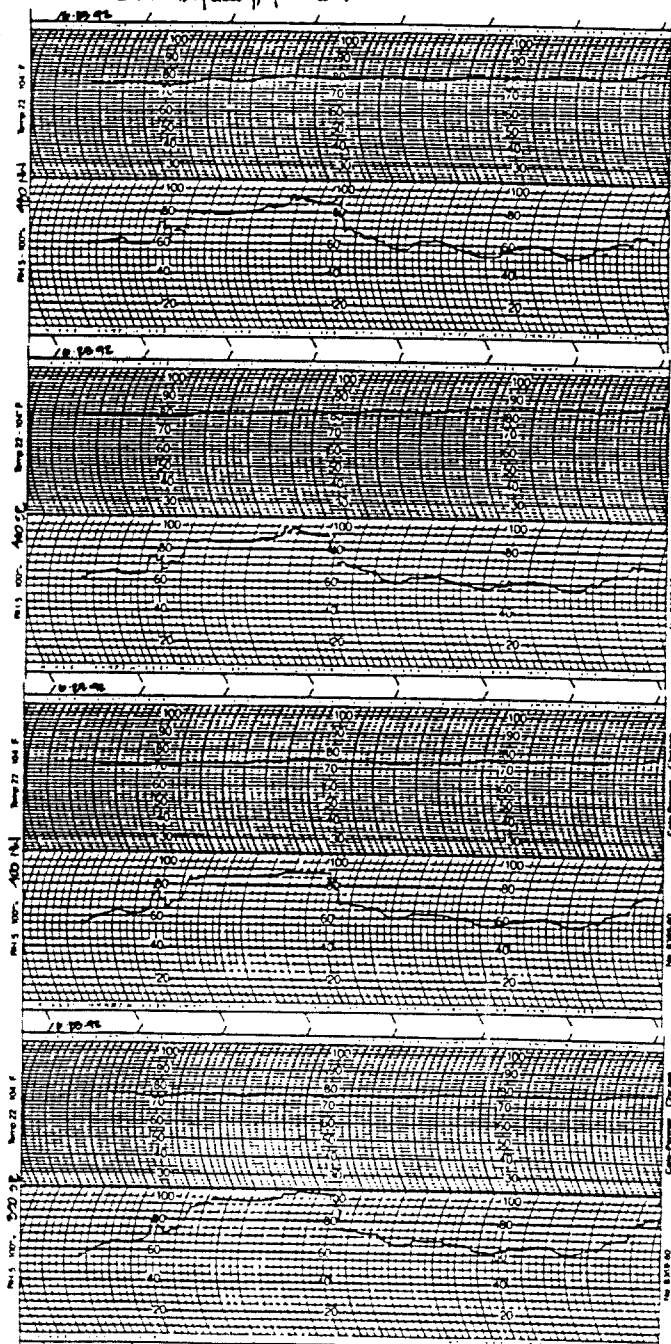
WASHINGTON MONUMENT

DATE: 6/23/92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	1:50	75.6°	72.5°	73.7°	
2. 450 SE	1:55	74.7°	71.4°	73.4°	
3. 400 NW	2:10	74.3°	72.5°	72.4°	
4. 350 SE	2:15	74.2°	74.0°	74.1°	
5. 300 NW	2:20	75.4°	75.3°	75.0°	
6. 250 SE	2:22	76.2°	75.9°	76.3°	
7. 200 NW	2:25	76.8°	75.8°	76.2°	
8. 150 SE	2:30	77.3°	75.4°	76.1°	
9. 80 NW	2:35	76.3°	75.0°	75.3°	
10. 10 NW	2:40	76.5°	74.6°	75.2°	

✓
 ✓
 ✓

OUTSIDE AIR TEMP: 78.0°
 WEATHER: Partly cloudy, light breeze.



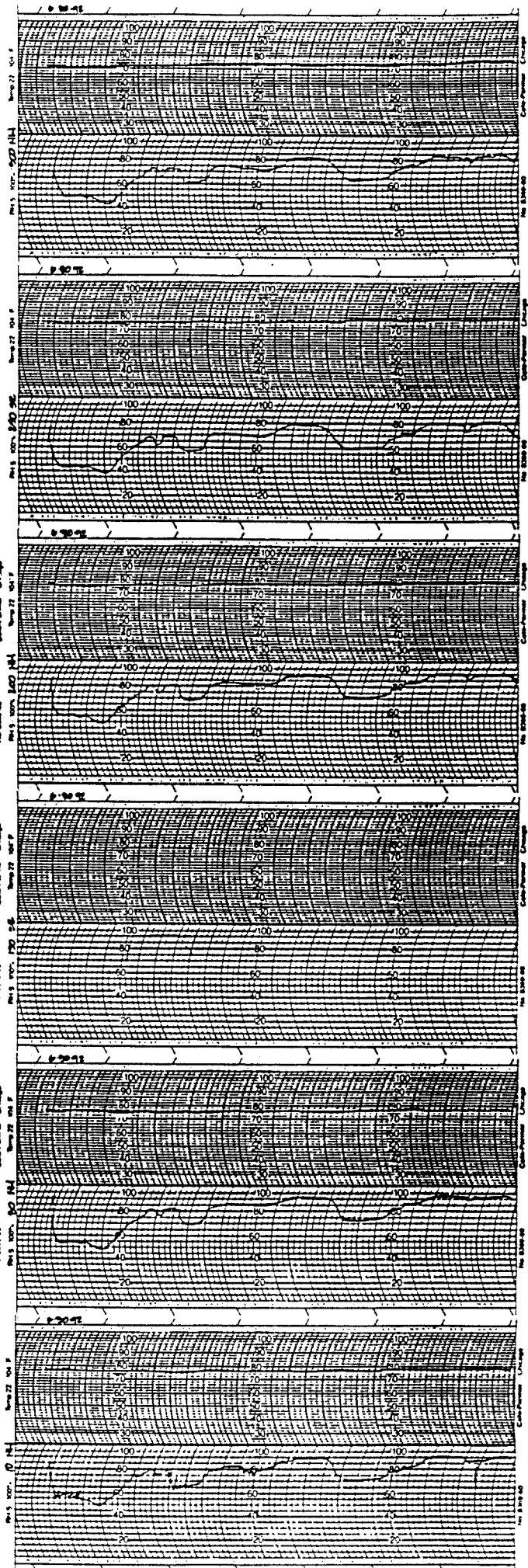
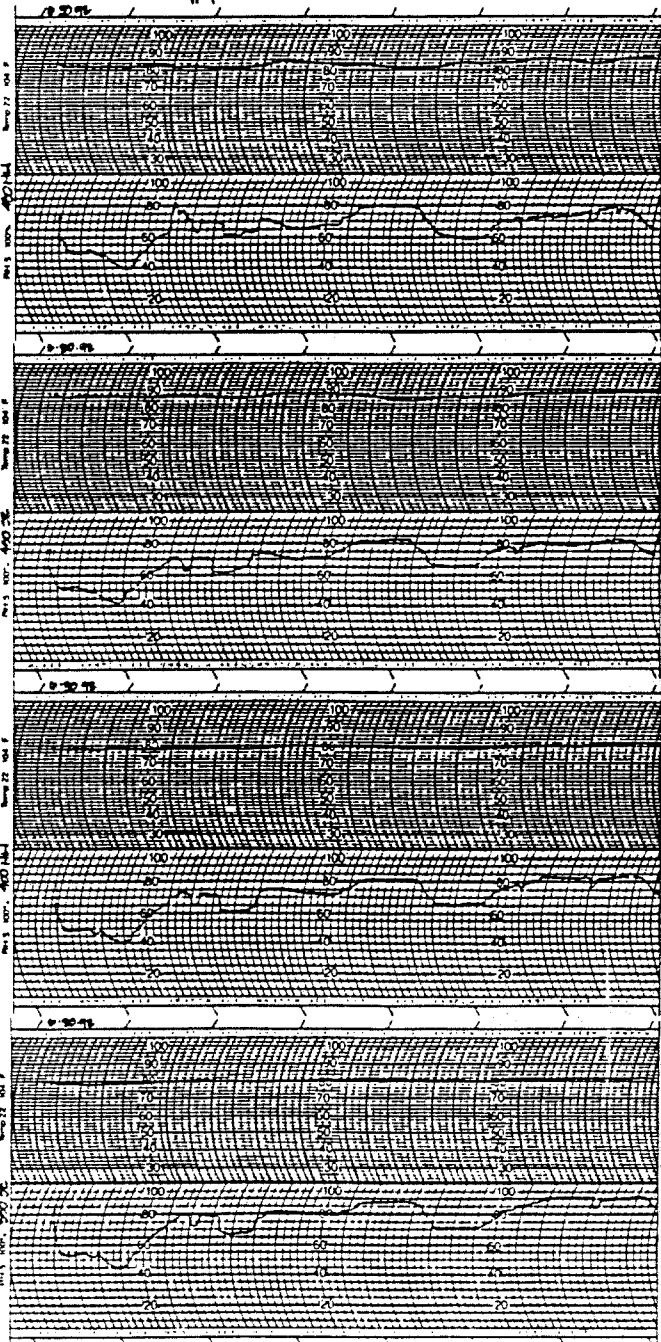
WASHINGTON MONUMENT

DATE: 6-30-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	10:35	81.6°	80.6°	81.5°	
2. 490 SE	10:40	81.7°	80.0°	80.5°	
3. 400 NW	10:45	80.2°	77.7°	76.1°	
4. 350 SE	10:50	77.2°	77.0°	77.4°	
5. 300 NW	10:55	78.5°	76.2°	77.0°	
6. 250 SE	11:00	77.8°	76.6°	77.3°	
7. 200 NW	11:05	77.1°	75.7°	76.2°	
8. 150 SE	11:10	77.2°	75.4°	75.8°	
9. 80 NW	11:15	76.5°	75.1°	75.7°	
10. 10 NW	11:20	76.7°	75.4°	75.3°	

OUTSIDE AIR TEMP: 81.8°

WEATHER: Hazy, light breeze



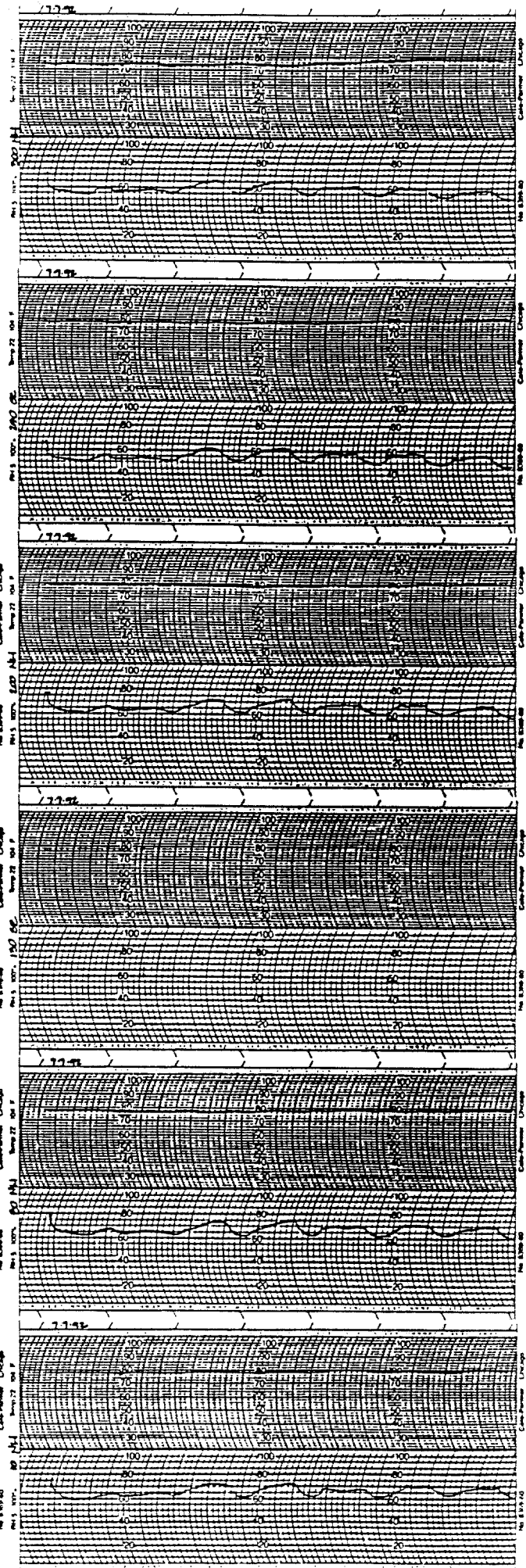
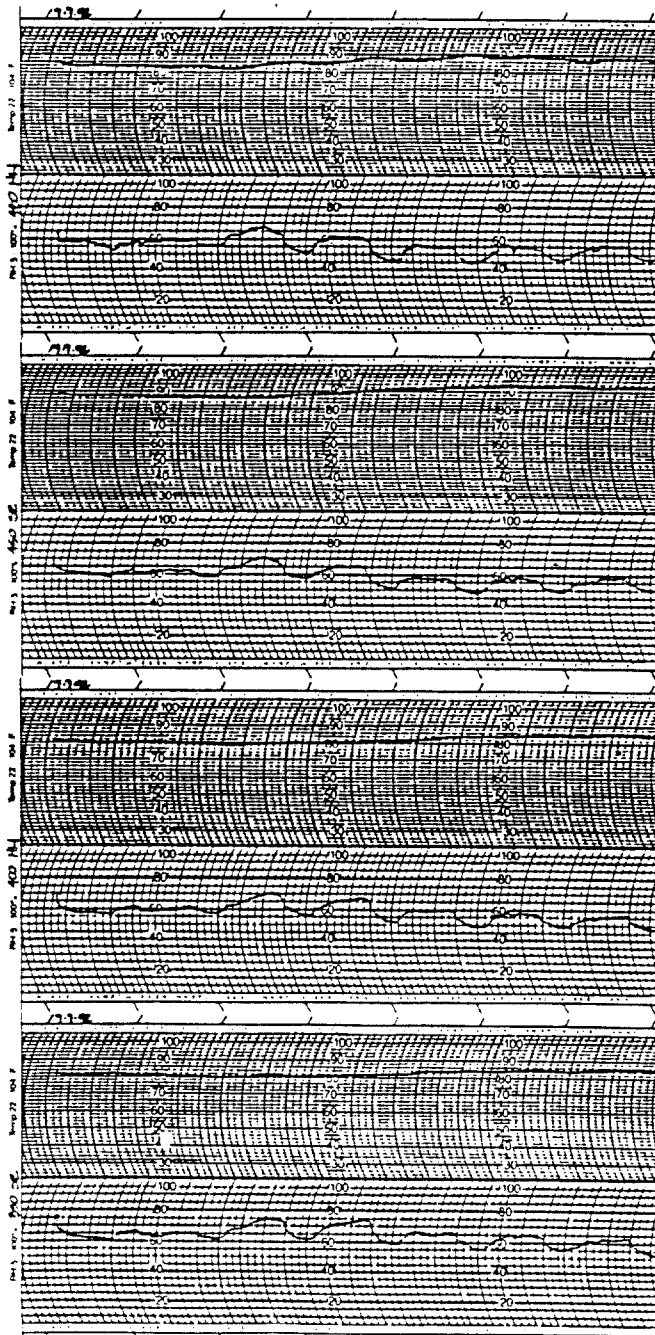
WASHINGTON MONUMENT

DATE: 7-7-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:30	82.0°	81.5°	82.5°	
2. 450 SE	9:35	81.7°	80.8°	81.6°	
3. 400 NW	9:40	81.1°	79.7°	80.1°	
4. 350 SE	9:45	80.6°	79.3°	79.0°	
5. 300 NW	9:50	80.3°	78.8°	79.3°	
6. 250 SE	9:55	79.8°	78.5°	79.1°	
7. 200 NW	10:00	79.5°	78.1°	78.7°	
8. 150 SE	10:05	78.8°	77.0°	78.2°	
9. 80 NW	10:10	78.5°	76.8°	77.7°	
10. 10 NW	10:15	77.9°	76.8°	77.9°	

OUTSIDE AIR TEMP: 78.4°

WEATHER: Clear, light breeze.



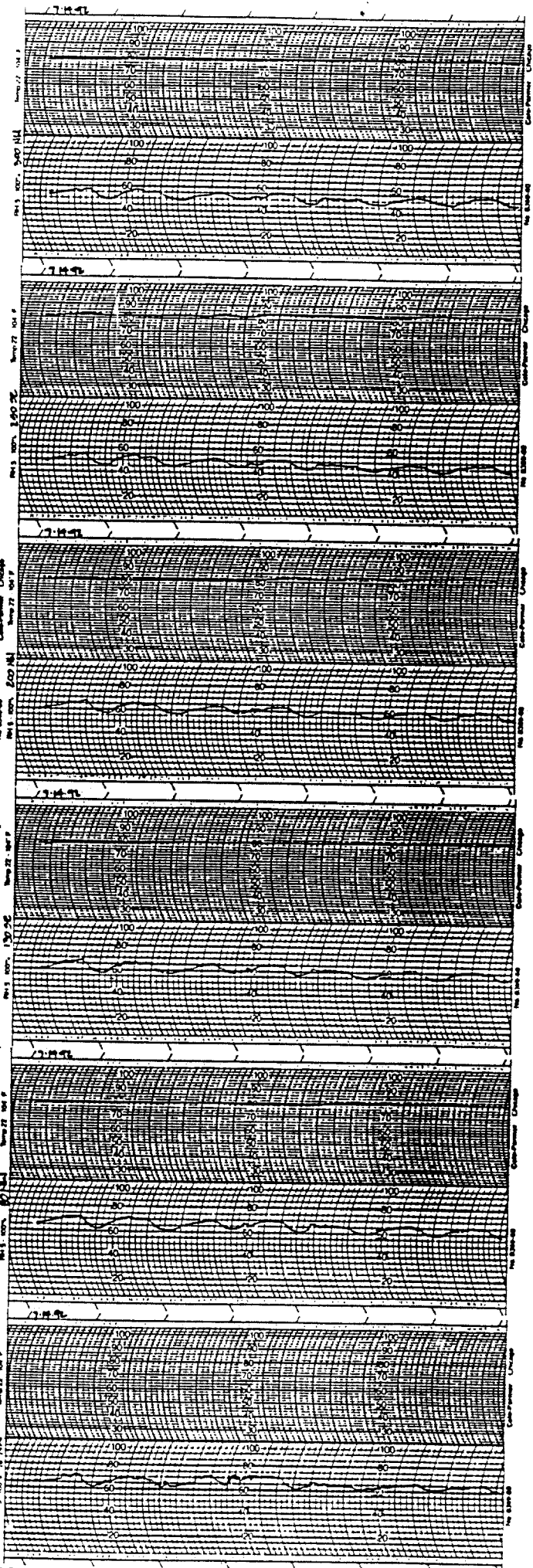
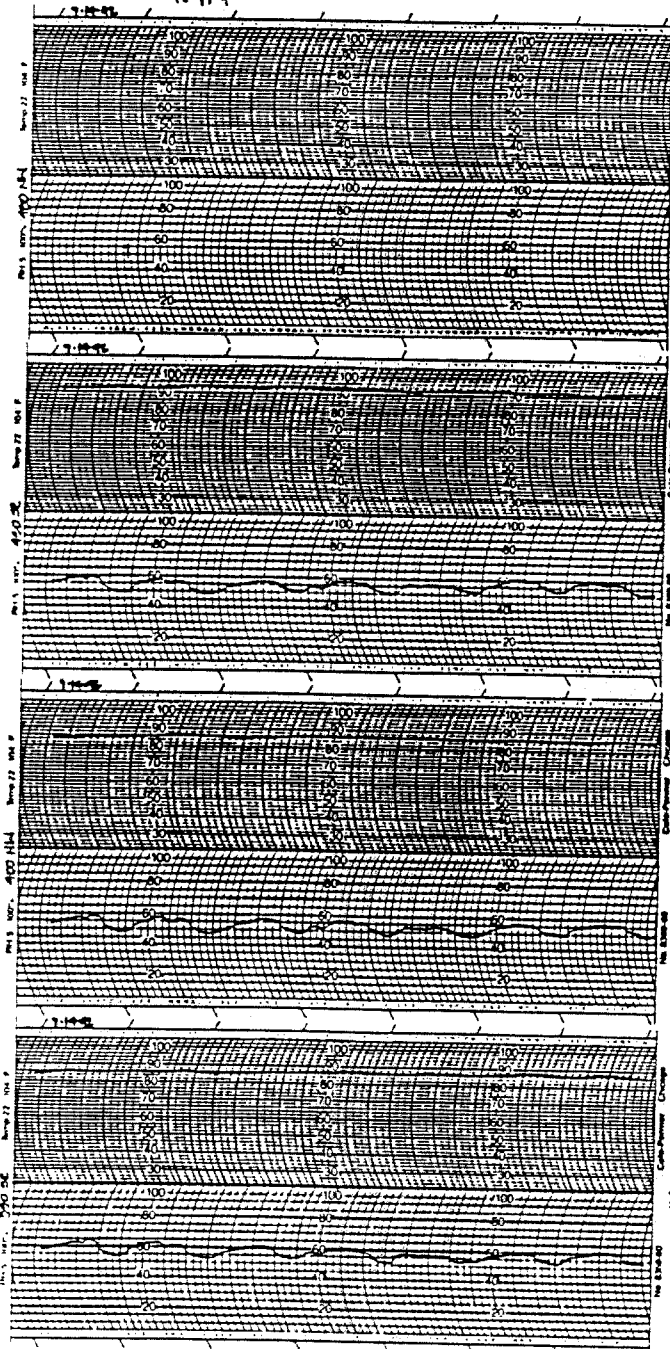
WASHINGTON MONUMENT

DATE: 7/14/92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:35	84.3°	85.0°	84.5°	
2. 450 SE	9:40	84.8°	84.7°	84.4°	
3. 400 NW	9:45	85.5°	85.2°	85.7°	
4. 350 SE	9:50	85.2°	85.7°	85.7°	
5. 300 NW	9:55	85.4°	85.4°	85.4°	
6. 250 SE	10:00	85.3°	81.5°	81.6°	
7. 200 NW	10:05	81.4°	80.5°	80.3°	
8. 150 SE	10:10	80.7°	79.0°	79.4°	
9. 80 NW	10:15	79.6°	77.5°	78.7°	
10. 10 NW	10:20	79.1°	78.5°	78.2°	

OUTSIDE AIR TEMP: 85.6°

WEATHER: Hot, light breeze



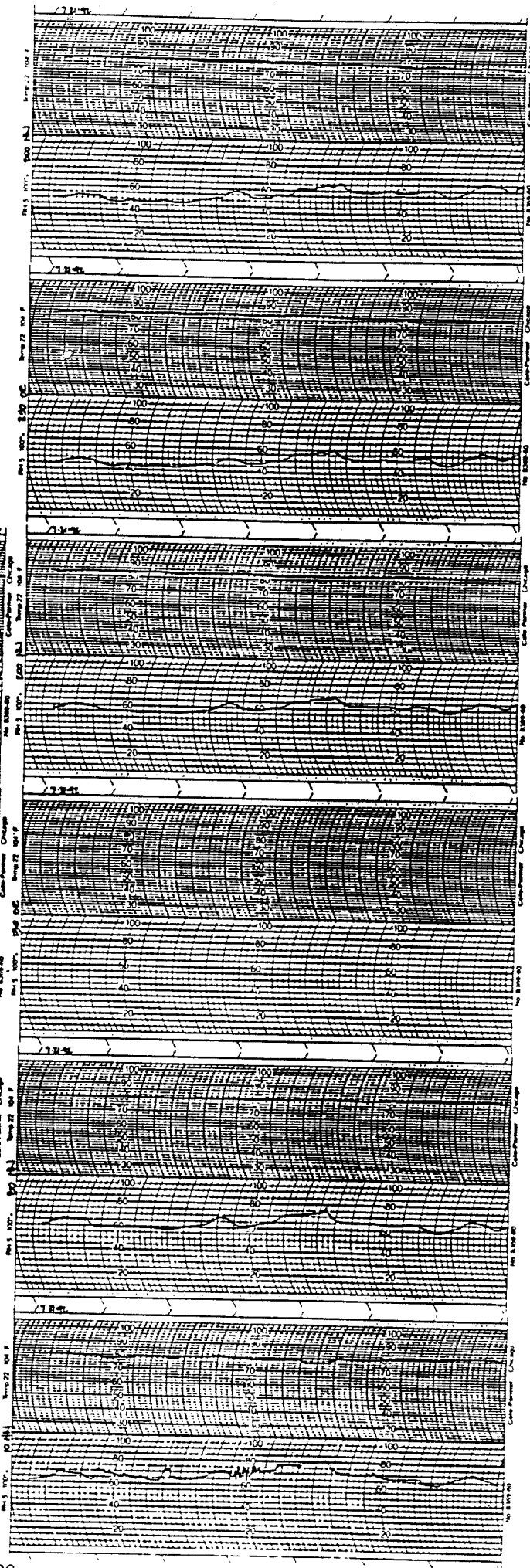
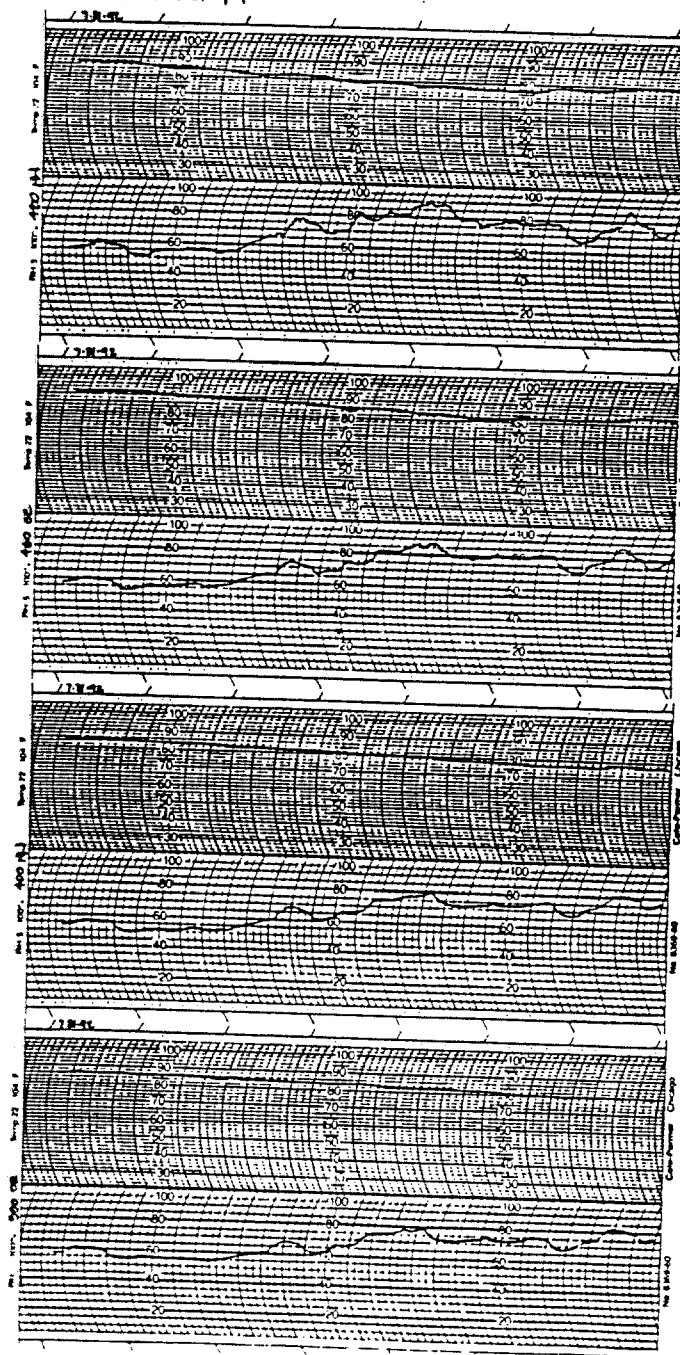
WASHINGTON MONUMENT

DATE: 7/2/92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:30	85.4°	85.3°	85.1°	0%
2. 450 SE	9:35	85.6°	85.3°	85.0°	0%
3. 400 NW	9:40	84.8°	84.4°	84.2°	0%
4. 350 SE	9:45	84.2°	84.2°	84.0°	0%
5. 300 NW	9:50	84.3°	84.4°	84.2°	0%
6. 250 SE	9:55	84.2°	84.0°	84.0°	0%
7. 200 NW	10:00	83.7°	83.2°	83.1°	0%
8. 150 SE	10:05	83.0°	81.9°	82.2°	0%
9. 80 NW	10:10	82.5°	80.5°	81.4°	0%
10. 10 NW	10:15	81.1°	80.0°	80.2°	0%

OUTSIDE AIR TEMP: 89.0°

WEATHER: clear, light breeze



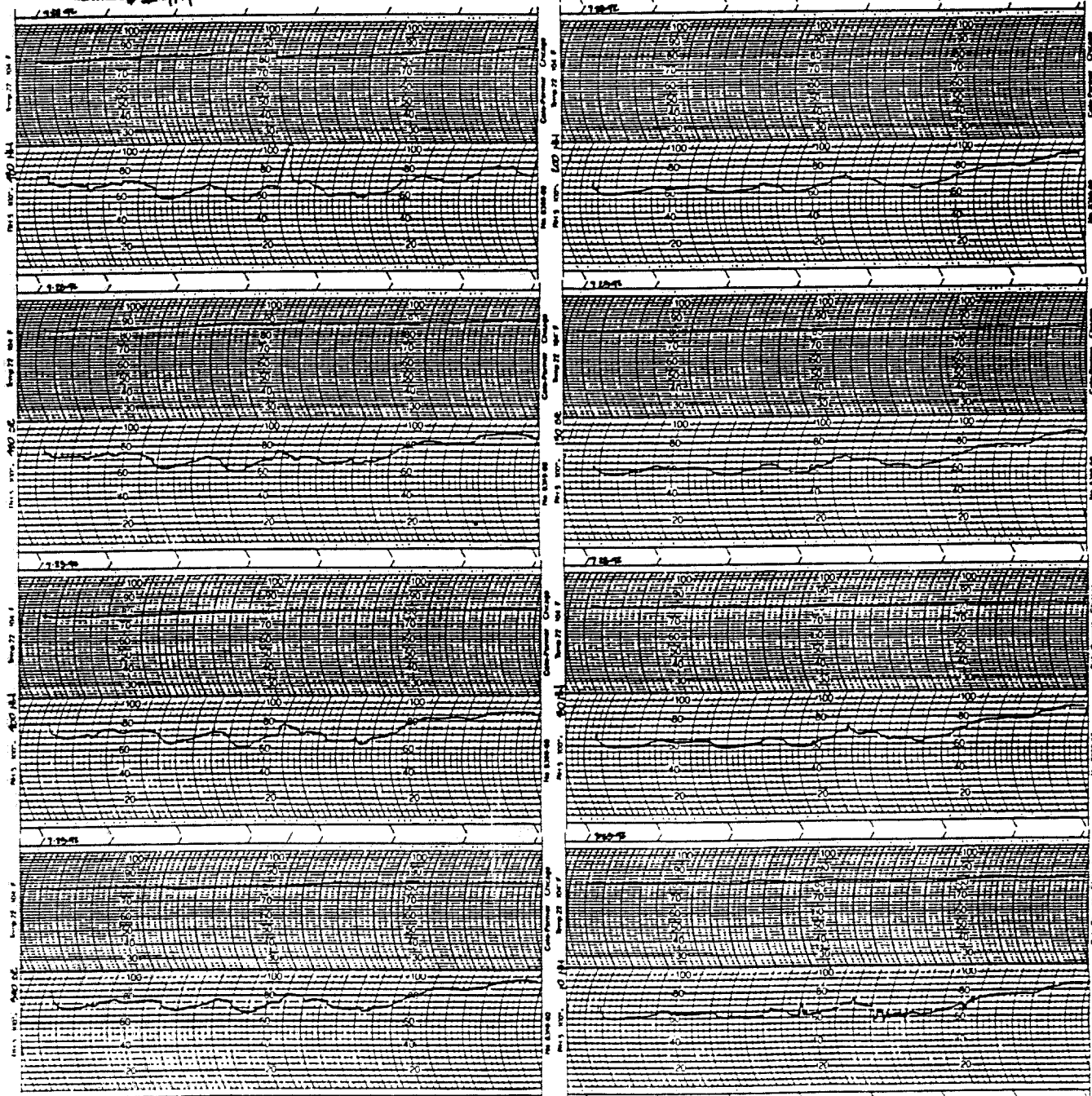
WASHINGTON MONUMENT

DATE 7/12/72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:20	78.2°	76.8°	78.0°	0%
2. 430 SE	9:25	77.7°	77.4°	78.2°	0%
3. 400 NW	9:30	78.9°	77.1°	78.8°	0%
4. 350 SE	9:35	78.5°	77.6°	77.7°	0%
5. 300 NW	9:40	79.0°	77.1°	77.0°	0%
6. 250 SE	9:45	77.7°	80.2°	79.9°	0%
7. 200 NW	9:55	80.4°	80.8°	80.4°	0%
8. 150 SE	10:05	81.4°	81.2°	81.3°	0%
9. 80 NW	10:10	81.4°	80.9°	81.4°	0%
10. 10 NW	10:15	82.1°	80.7°	81.1°	0%

OUTSIDE AIR TEMP: 78.7°

WEATHER: 6-20% H, 14-16 K



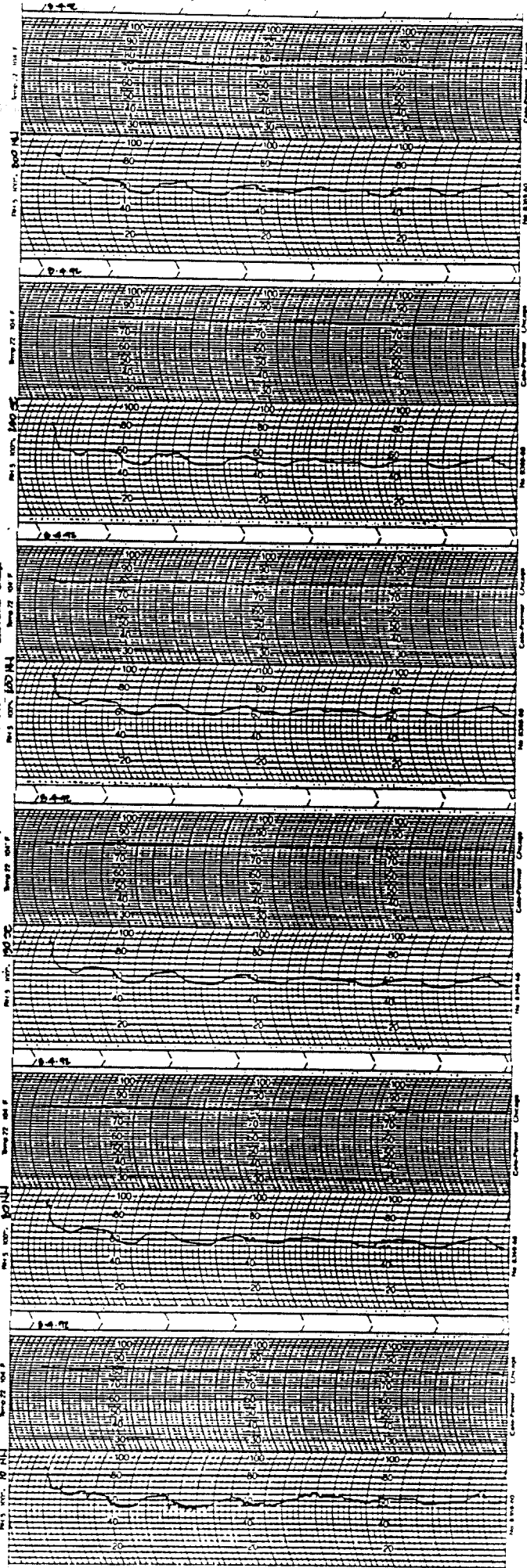
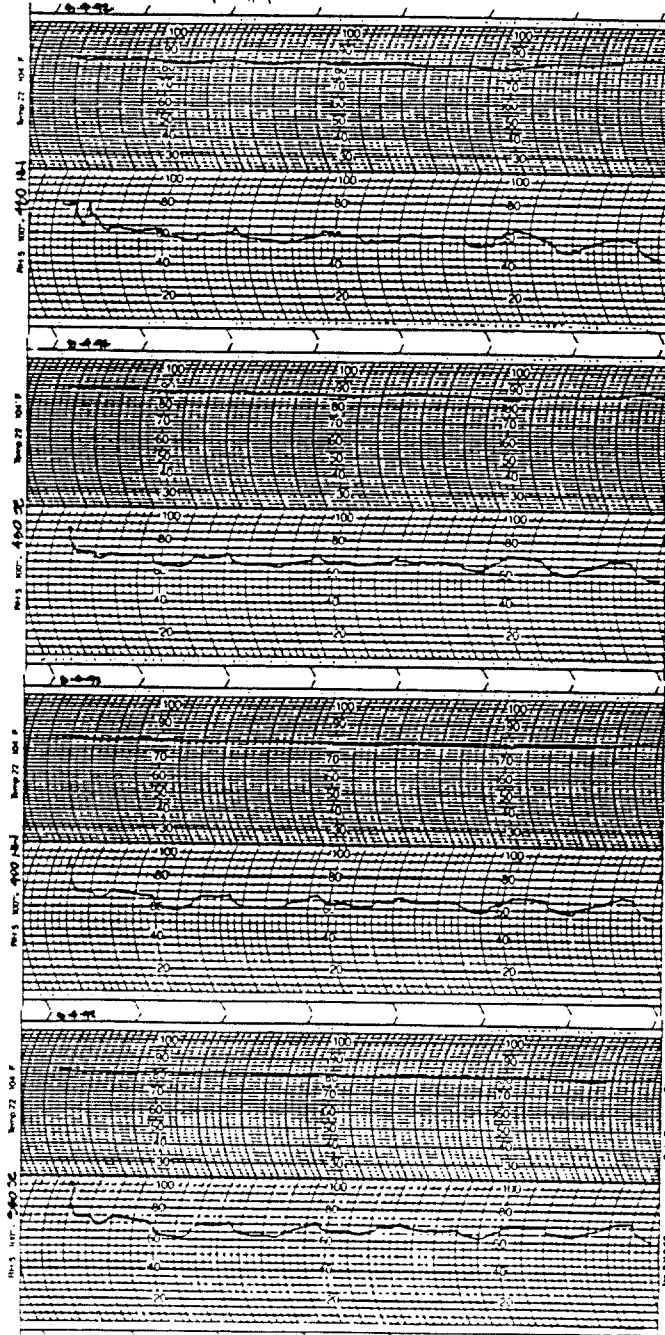
WASHINGTON MONUMENT

DATE 6-4-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:20	83.8°	82.8°	83.7°	0%
2. 450 SE	9:30	83.2°	82.7°	83.8°	0%
3. 400 NW	9:35	83.6°	81.4°	81.5°	0-10% (Stone surface)
4. 350 SE	9:40	83.1°	81.7°	81.6°	Stone 0-10% Moisture 5-25%
5. 300 NW	9:50	82.9°	80.6°	81.7°	Stone 7-12% Moisture 15%
6. 250 SE	9:55	83.2°	81.6°	82.4°	Stone 6-7% Moisture 8-15%
7. 200 NW	10:05	83.5°	82.2°	82.7°	Stone 10-15% Moisture 10-15%
8. 150 SE	10:15	83.5°	82.4°	82.6°	Stone 10-15% Moisture 10-15%
9. 80 NW	10:25	84.1°	82.4°	82.9°	Stone 10-15% Moisture 10-15%
10. 10 NW	10:30	84.7°	82.6°	83.2°	Stone 10-15% Moisture 10-15%

OUTSIDE AIR TEMP: 83.8°

WEATHER: Bly (bkn), wif breeze



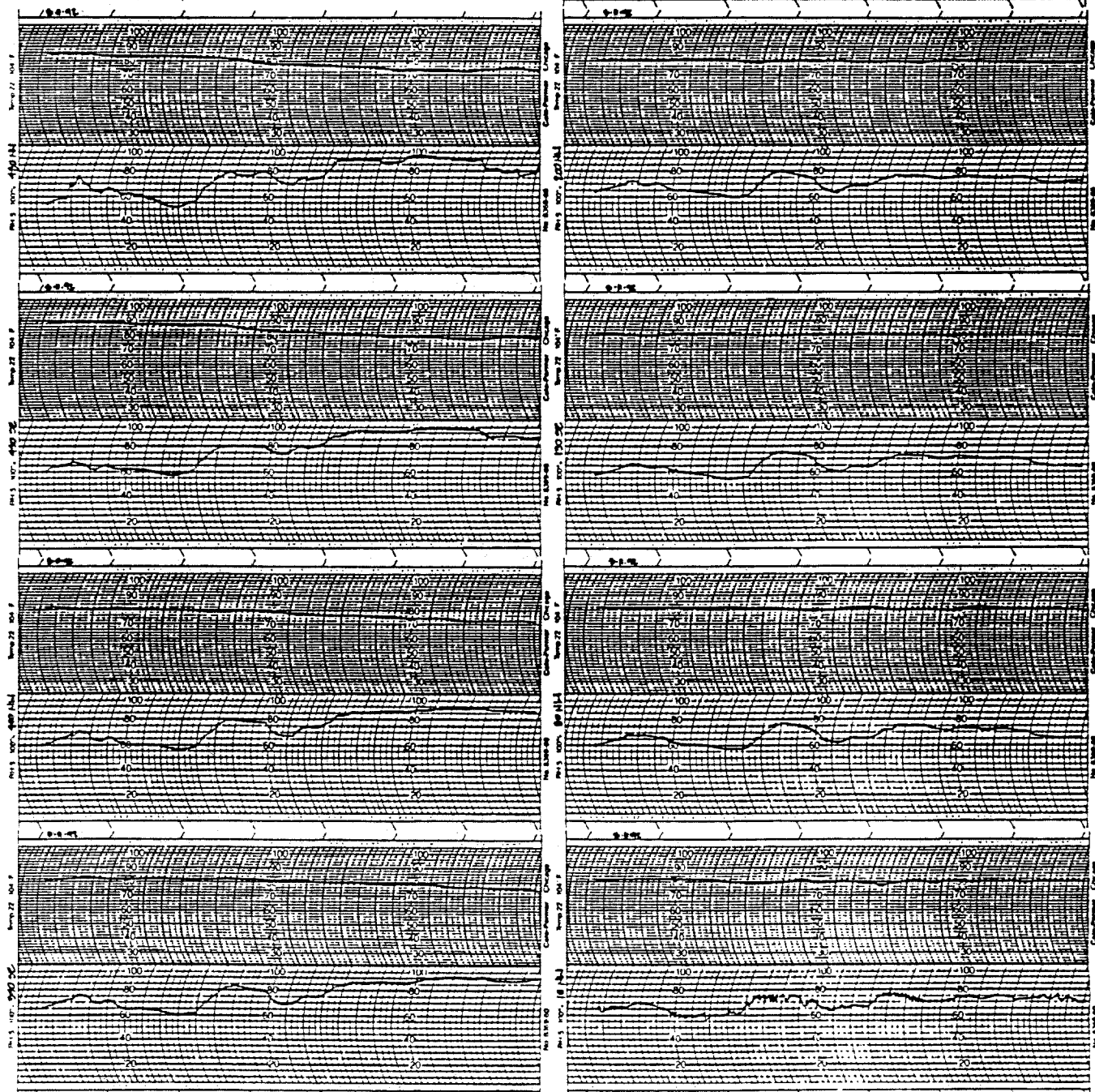
WASHINGTON MONUMENT

DATE 8-11-72

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:55	89.4°	89.0°	89.4°	0%
2. 450 SE	9:40	89.6°	83.8°	82.7°	Stone 0% Moisture 6.0%
3. 400 NW	9:50	81.4°	79.9°	80.2°	Stone 0% Moisture 6.0%
4. 350 SE	9:45	81.7°	79.9°	80.1°	Stone 0% Moisture 0.0%
5. 300 NW	10:05	81.4°	79.7°	80.1°	Stone 0% Moisture 10.0%
6. 250 SE	10:40	80.7°	80.0°	80.0°	Stone 0% Moisture 11.7%
7. 200 NW	10:45	81.3°	79.9°	80.4°	Stone 0% Moisture 10.7%
8. 150 SE	10:20	81.4°	80.9°	81.1°	Stone 0% Moisture 9.4%
9. 80 NW	10:35	81.7°	81.2°	81.9°	Stone 10.1%
10. 10 NW	10:50	81.0°	81.4°	81.2°	Stone 0.10%

OUTSIDE AIR TEMP: 86.0°

WEATHER: Partly clear, wind



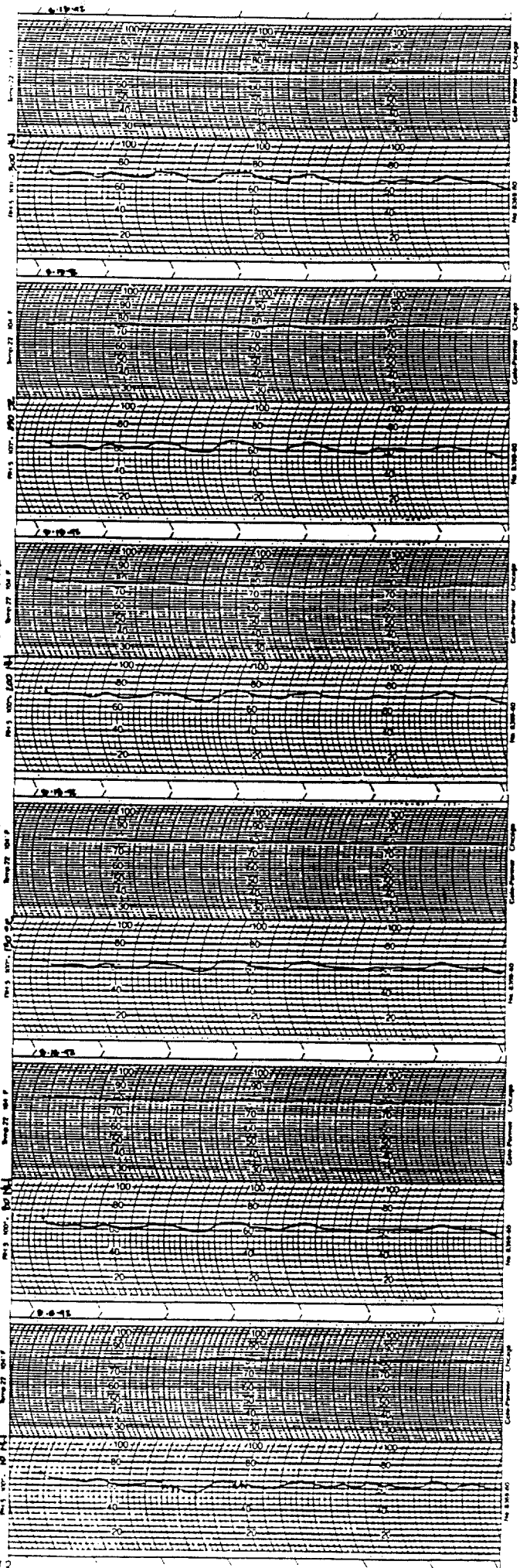
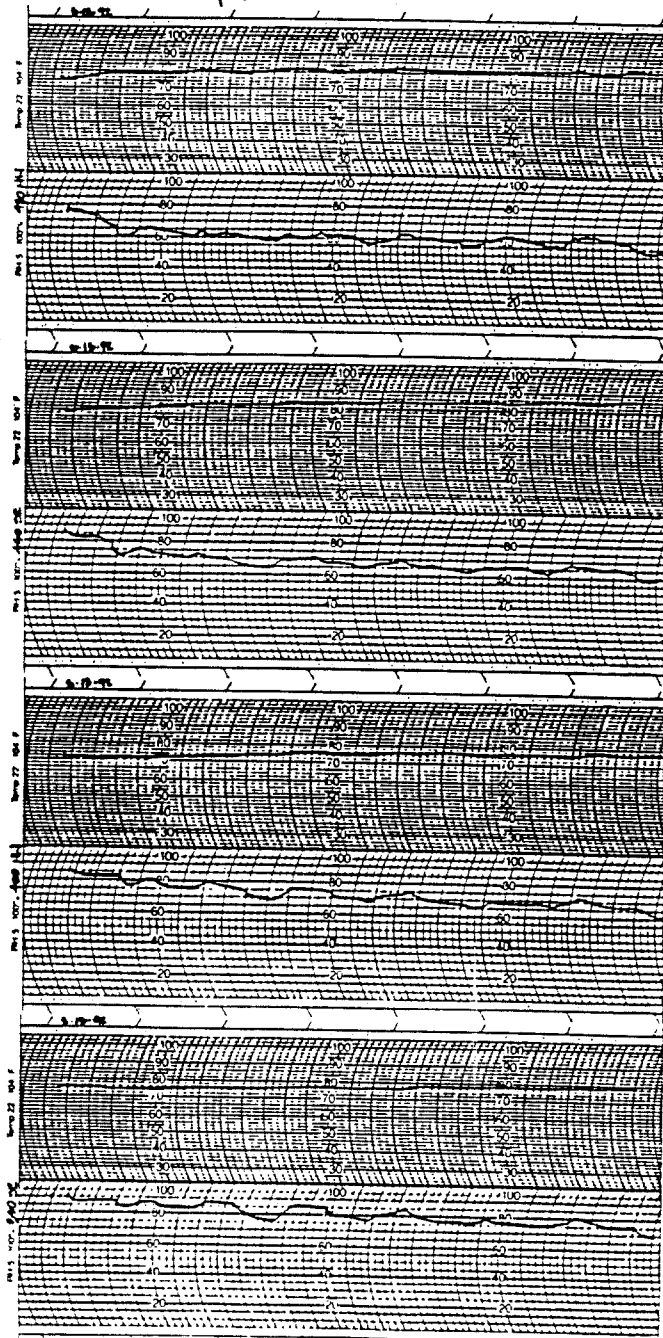
WASHINGTON MONUMENT

DATE: 8-13-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:25	75.5°	75.0°	74.0°	Stone 0% Moisture 0.9%
2. 450 SE	9:40	75.1°	71.3°	72.9°	Stone 0% Moisture 2.1%
3. 400 NW	9:50	73.3°	72.6°	72.6°	Stone 6.8% Moisture 10%
4. 350 SE	10:00	73.9°	73.1°	73.3°	Stone 6.8% Moisture 10.12%
5. 300 NW	10:05	74.5°	75.1°	75.2°	Stone 0.9% Moisture 12.14%
6. 250 SE	10:10	75.7°	76.4°	76.1°	Stone 0% Moisture 8.1%
7. 200 NW	10:15	76.8°	77.4°	77.1°	Stone 0.4% Moisture 3.1%
8. 150 SE	10:25	77.4°	78.7°	78.6°	Stone 0.9% Moisture 11.17%
9. 80 NW	10:30	78.7°	79.6°	79.6°	Stone 0% Moisture 2.0%
10. 10 NW	10:35	78.6°	79.4°	79.4°	Stone 4.4% Moisture 11.6%

OUTSIDE AIR TEMP: 88.6°

WEATHER: cloudy, light breeze

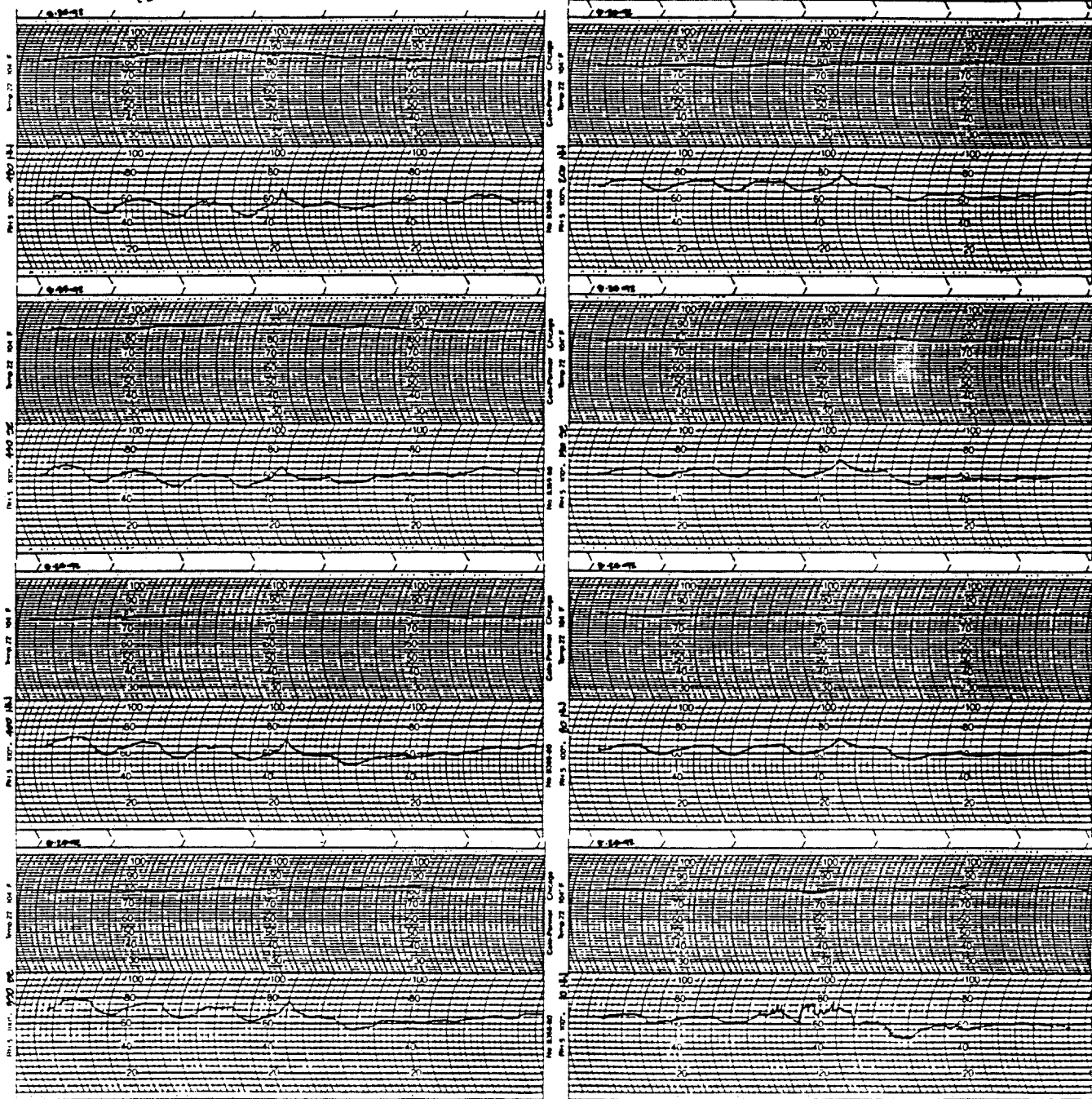


WASHINGTON MONUMENT

DATE: 6-26-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:45	80.8°	80.3°	80.7°	0%
2. 450 SE	10:10	80.3°	79.6°	79.9°	0%
3. 400 NW	10:16	79.6°	79.8°	79.7°	0%
4. 350 SE	10:20	78.5°	79.2°	79.2°	0%
5. 300 NW	10:20	78.8°	78.7°	79.0°	0%
6. 250 SE	10:25	78.1°	77.4°	77.6°	0%
7. 200 NW	10:30	78.4°	77.0°	77.5°	0%
8. 150 SE	10:35	78.4°	78.6°	78.4°	0%
9. 80 NW	10:35	79.4°	79.7°	79.5°	0%
10. 10 NW	11:40	80.1°	79.9°	80.0°	0%

OUTSIDE AIR TEMP: Humid, clear.
WEATHER: P2.7



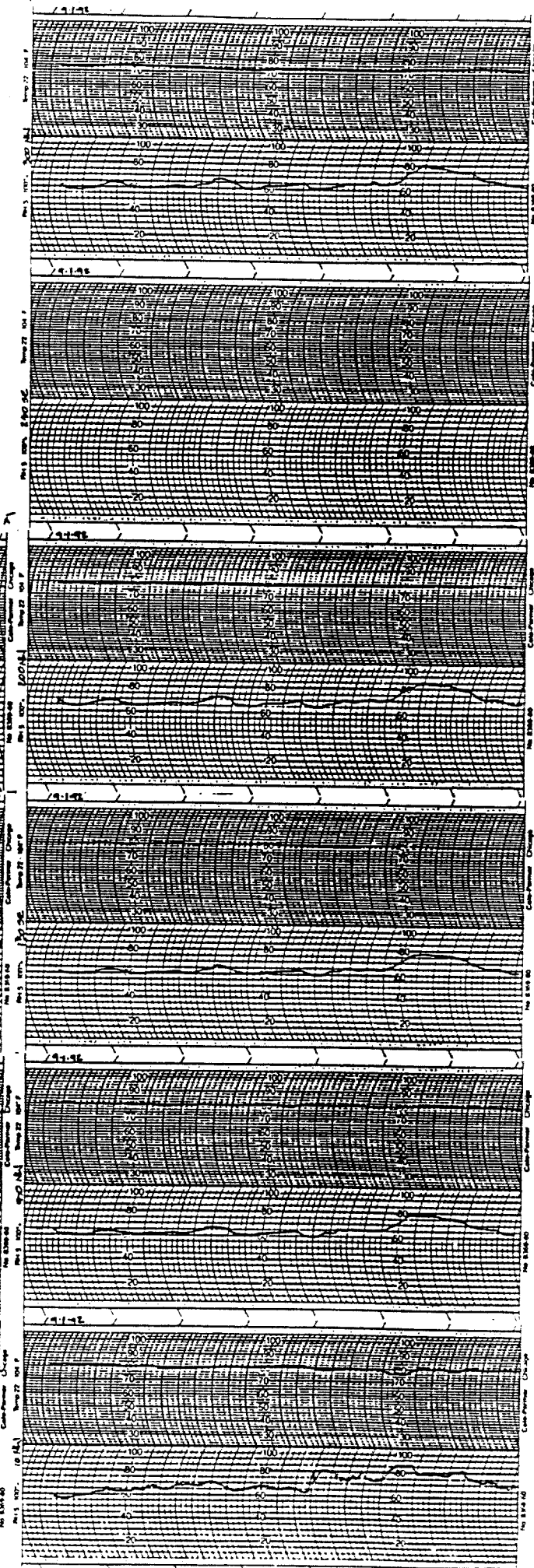
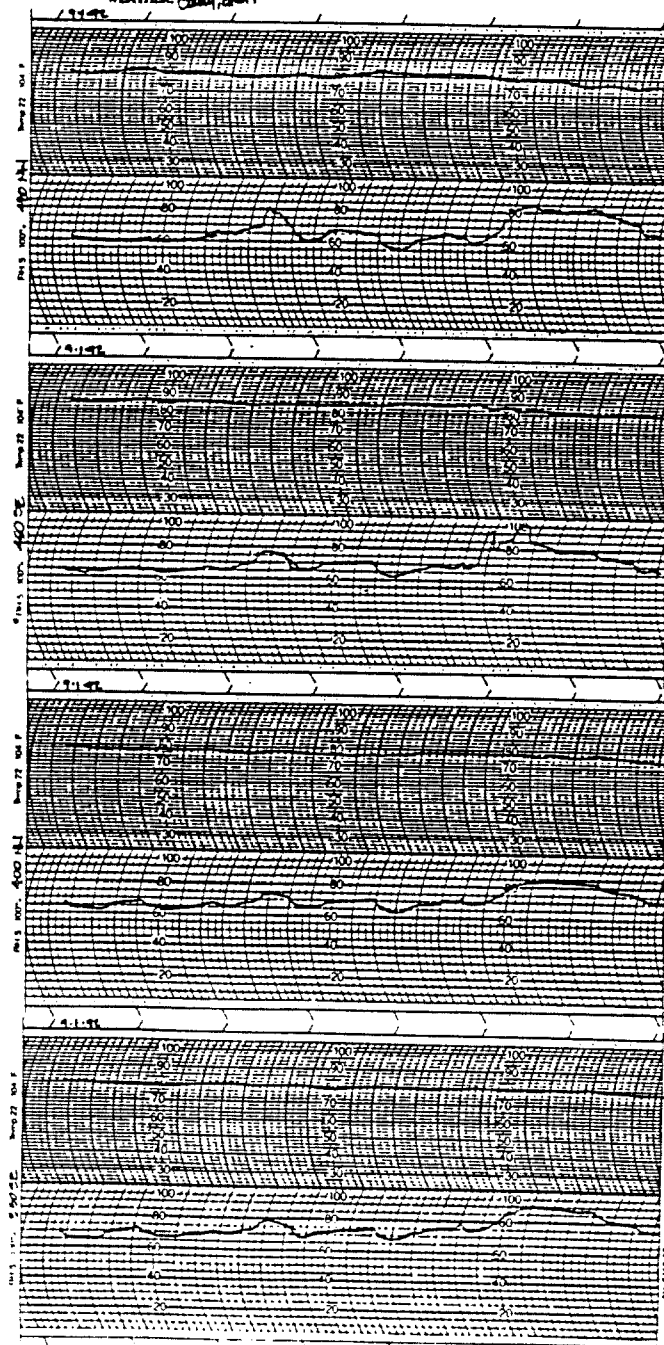
WASHINGTON MONUMENT

DATE: 9-1-92

LOCATION	TIME	AIR F°	STONE SURFACE F°	METAL SURFACE F°	STONE MOISTURE
1. 480 NW	9:15	80.7°	77.5°	80.8°	0%
2. 450 SE	9:30	80.3°	77.4°	80.1°	0%
3. 400 NW	9:35	77.1°	78.3°	78.7°	Stone 0% Moist 6-8%
4. 350 SE	9:40	77.2°	77.1°	77.0°	Stone 0% Moist 10-12%
5. 300 NW	9:50	77.9°	77.0°	77.5°	Stone 0% Moist 10-12%
6. 250 SE	9:55	80.5°	77.5°	80.1°	Stone 0% Moist 10-12%
7. 200 NW	10:05	80.3°	77.6°	77.5°	Stone 0-10% Moist 9-12%
8. 150 SE	10:35	80.4°	80.0°	80.9°	Stone 0% Moist 11-12%
9. 80 NW	10:40	81.2°	80.7°	81.1°	Stone 0% Moist 0-10%
10. 10 NW	10:45	81.5°	81.0°	81.2°	Stone 0% Moist 0-12%

OUTSIDE AIR TEMP: 85.0°

WEATHER: Sunny, calm.



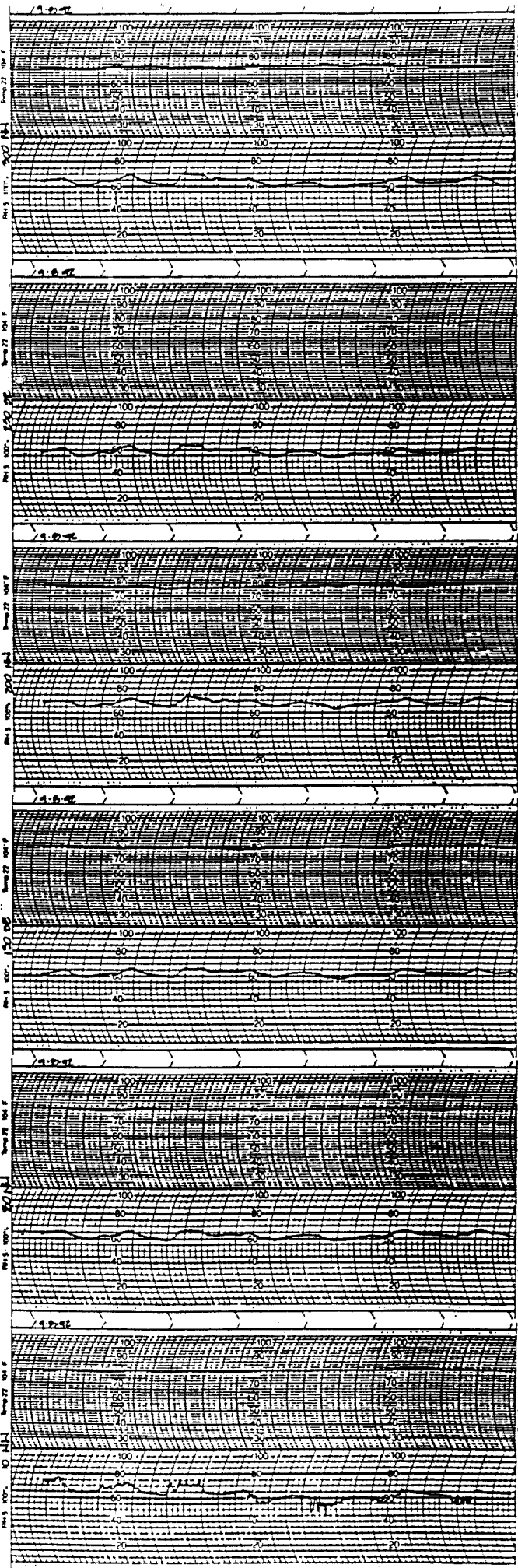
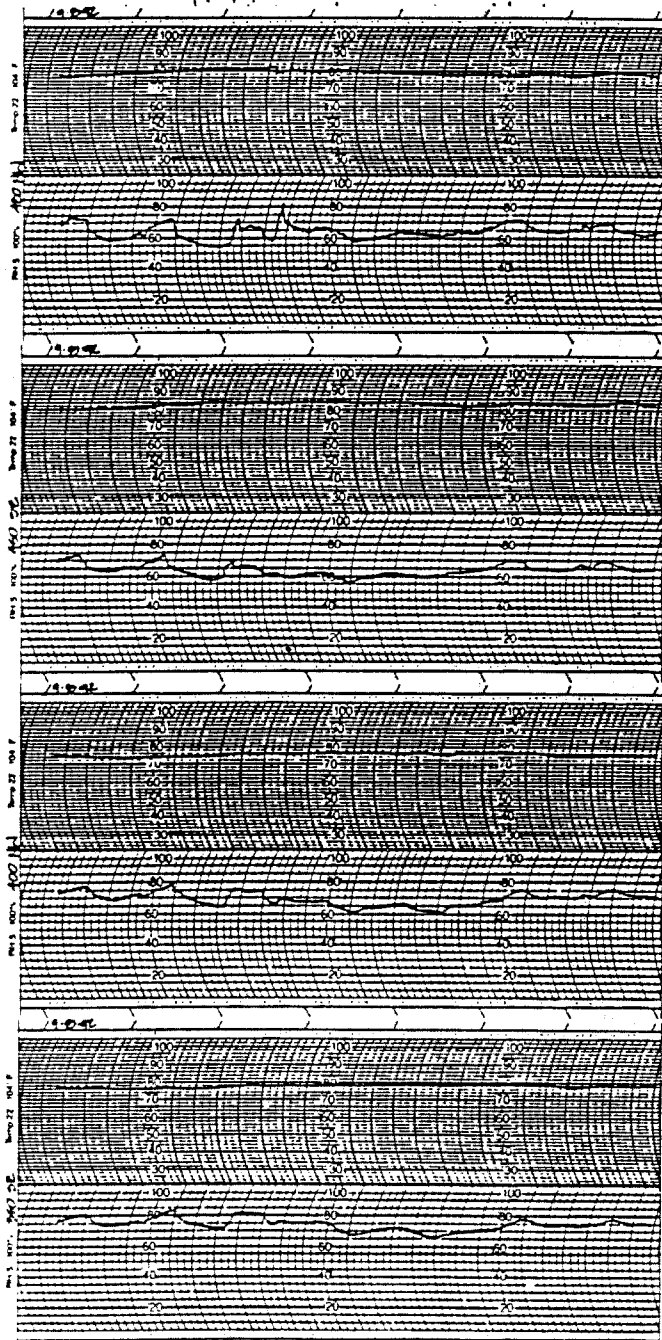
WASHINGTON MONUMENT

DATE 9-8-92

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	9:05	77.8°	79.8°	76.8°	0%
2. 450 SE	9:20	74.50	75.8°	74.4°	70.0% B 11%
3. 400 NW	9:25	76.3°	74.7°	74.3°	6.25% 7.10%
4. 350 SE	9:50	76.1°	75.7°	75.7°	0% 10.0%
5. 300 NW	9:40	76.8°	76.7°	76.9°	0% 10.16%
6. 250 SE	9:45	77.2°	77.7°	78.0°	0% 10.22%
7. 200 NW	9:50	78.4°	78.3°	78.2°	0% 0.9%
8. 150 SE	9:55	78.7°	77.7°	77.1°	0% 10.16%
9. 80 NW	10:00	77.5°	80.0°	77.5°	9.15% 16.22%
10. 10 NW	10:05	77.0°	77.5°	77.4°	12.16%

OUTSIDE AIR TEMP: 83.8°

WEATHER: Partly cloudy, with breeze



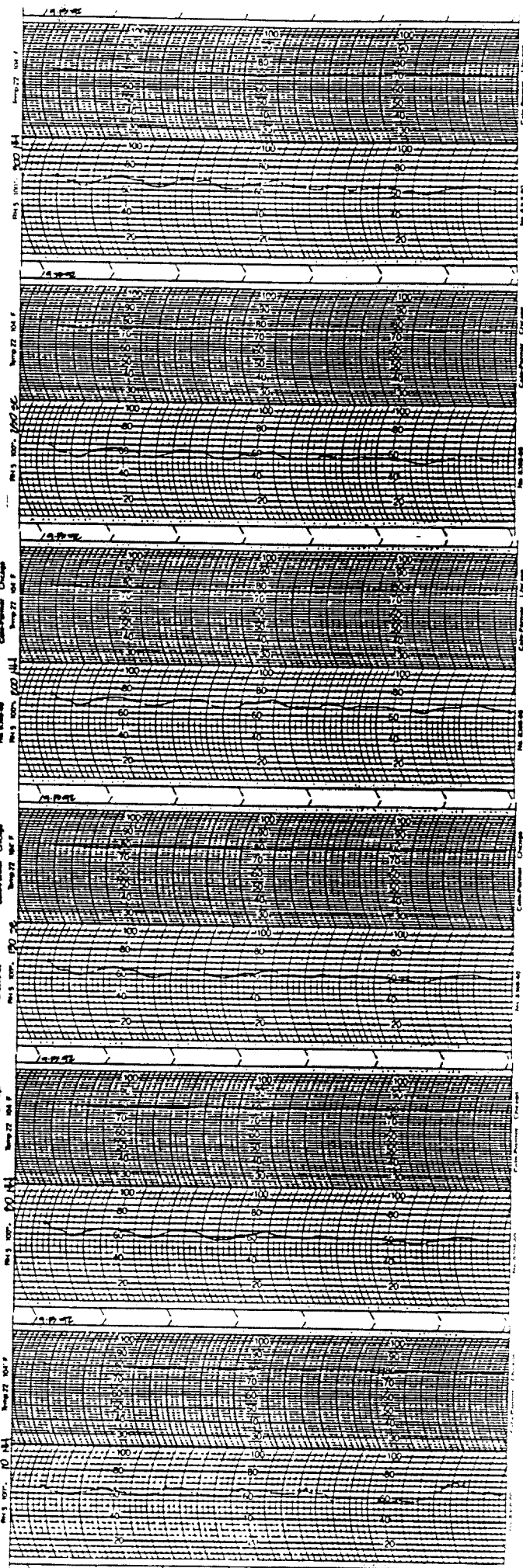
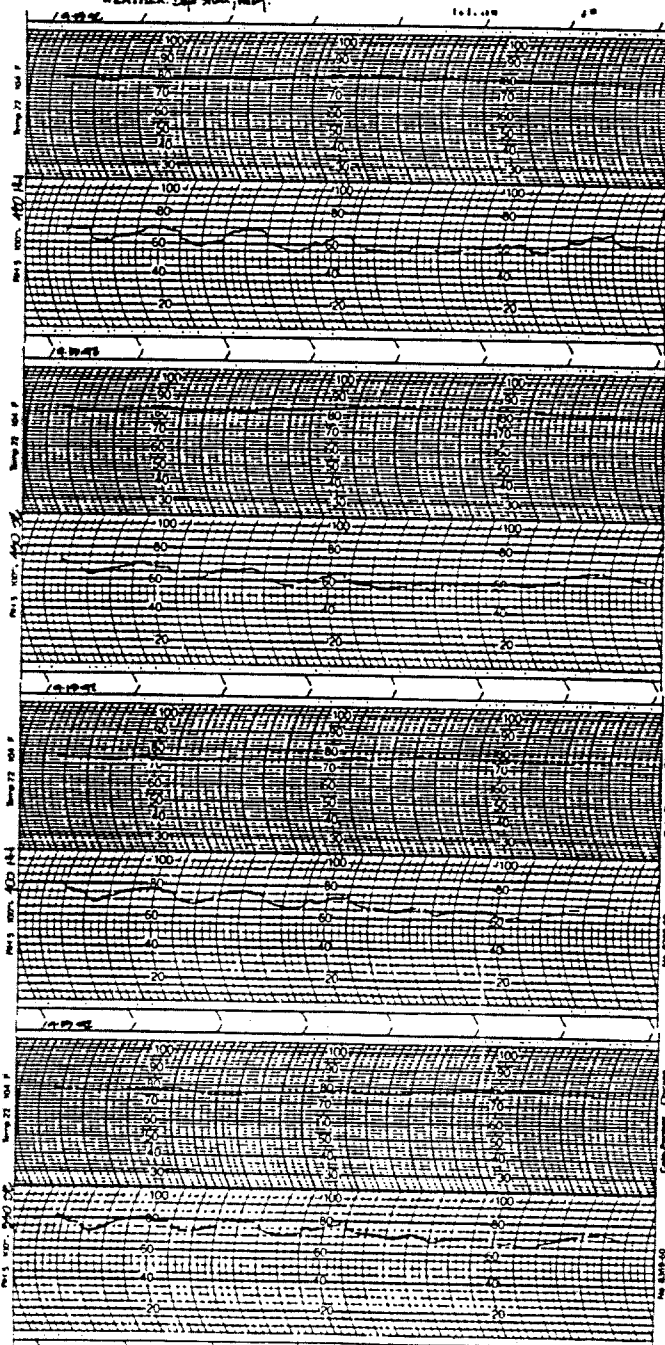
WASHINGTON MONUMENT

DATE 9.14.92

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	10:20	78.6°	76.7°	78.7°	stone 0% Moisture 0.40%
2. 450 SE	10:25	78.8°	76.4°	78.1°	stone 0% Moisture 0.7%
3. 400 NW	10:30	78.2°	75.4°	76.6°	0%
4. 350 SE	10:35	78.4°	76.6°	77.7°	stone 0% Moisture 0.10%
5. 300 NW	10:40	78.5°	76.9°	77.4°	stone 0.09% Moisture 15.55%
6. 250 SE	10:45	78.4°	76.4°	78.5°	stone 0.66% Moisture 12.18%
7. 200 NW	10:50	78.7°	78.4°	78.7°	stone 0.11% Moisture 12.7%
8. 150 SE	10:55	78.7°	79.5°	78.6°	stone 0% Moisture 15.45%
9. 80 NW	11:05	80.0°	80.0°	80.1°	stone 0.12% Moisture 12.7%
10. 10 NW	11:10	80.5°	80.3°	80.4°	stone 0.45% Moisture 15.55%

OUTSIDE AIR TEMP: 82.7°

WEATHER: Light breeze, hazy.

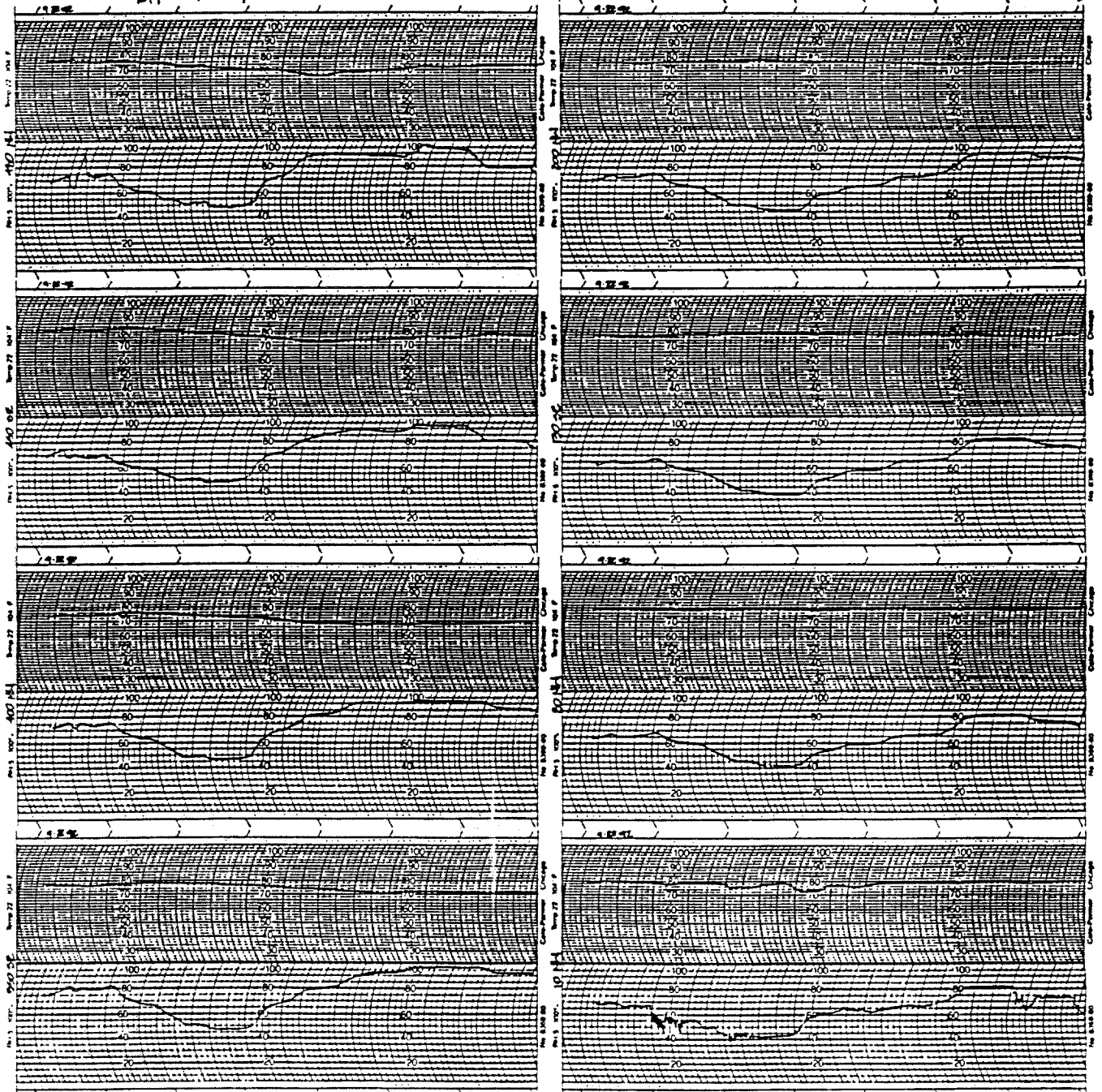


WASHINGTON MONUMENT

DATE 7-22-72

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	10:30	75.4°	76.5°	76.2°	0%
2. 450 SE	10:45	75.0°	75.5°	76.7°	Stone 0% Metal 0.2%
3. 400 NW	10:55	77.9°	77.5°	75.5°	Stone 0% Metal 0.1%
4. 350 SE	11:00	77.4°	75.5°	76.1°	0% 1.12%
5. 300 NW	11:10	77.2°	76.2°	76.2°	0% 1.44%
6. 250 SE	11:15	77.7°	77.2°	77.9°	0% 1.25%
7. 200 NW	11:25	77.5°	76.8°	77.1°	0% 0.107%
8. 150 SE	11:35	75.5°	75.4°	76.2°	0% 1.01%
9. 80 NW	11:40	77.0°	77.1°	77.0°	0% 1.11%
10. 10 NW	11:50	77.6°	77.1°	77.3°	0% 1.44%

OUTSIDE AIR TEMP: 84.1°

WEATHER: *sky, cloudy, breezy*

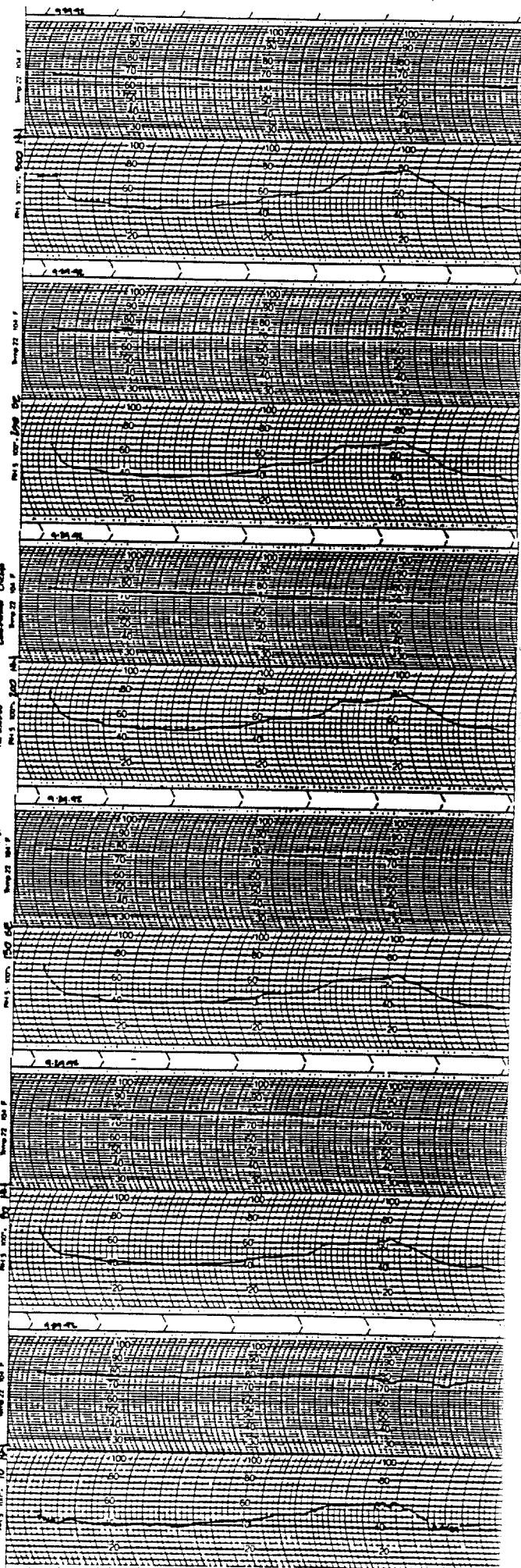
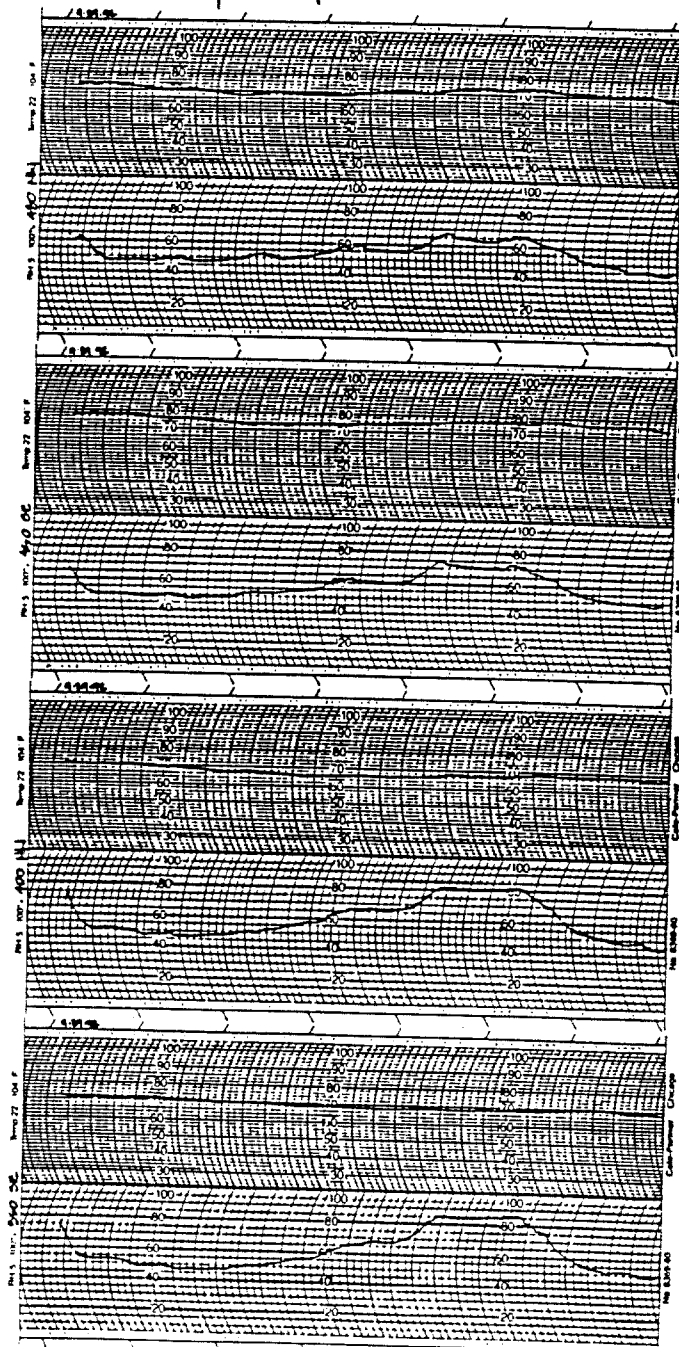
WASHINGTON MONUMENT

DATE: 9-27-72

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	10:00	73.3°	71.1°	73.8°	0%
2. 450 SE	10:00	73.5°	70.6°	73.0°	Stone 0% Moist 6-11%
3. 400 NW	10:10	73.0°	69.0°	71.1°	Stone 0% Moist 6-11%
4. 350 SE	10:15	72.6°	70.9°	71.7°	Stone 7-11% Moist 11-14%
5. 300 NW	10:25	73.3°	71.4°	72.0°	Stone 0% Moist 11-14%
6. 250 SE	10:30	73.2°	72.7°	72.9°	0% 11-14%
7. 200 NW	10:40	74.8°	74.3°	74.6°	6-10% 6-12%
8. 150 SE	10:45	75.4°	76.6°	76.4°	0-4% 11-14%
9. 80 NW	10:50	74.8°	77.1°	76.9°	0-4% 8-11%
10. 10 NW	10:55	76.8°	78.2°	78.3°	8-12% 8-14%

OUTSIDE AIR TEMP: 69.5°

WEATHER: Partly cloudy, windy.



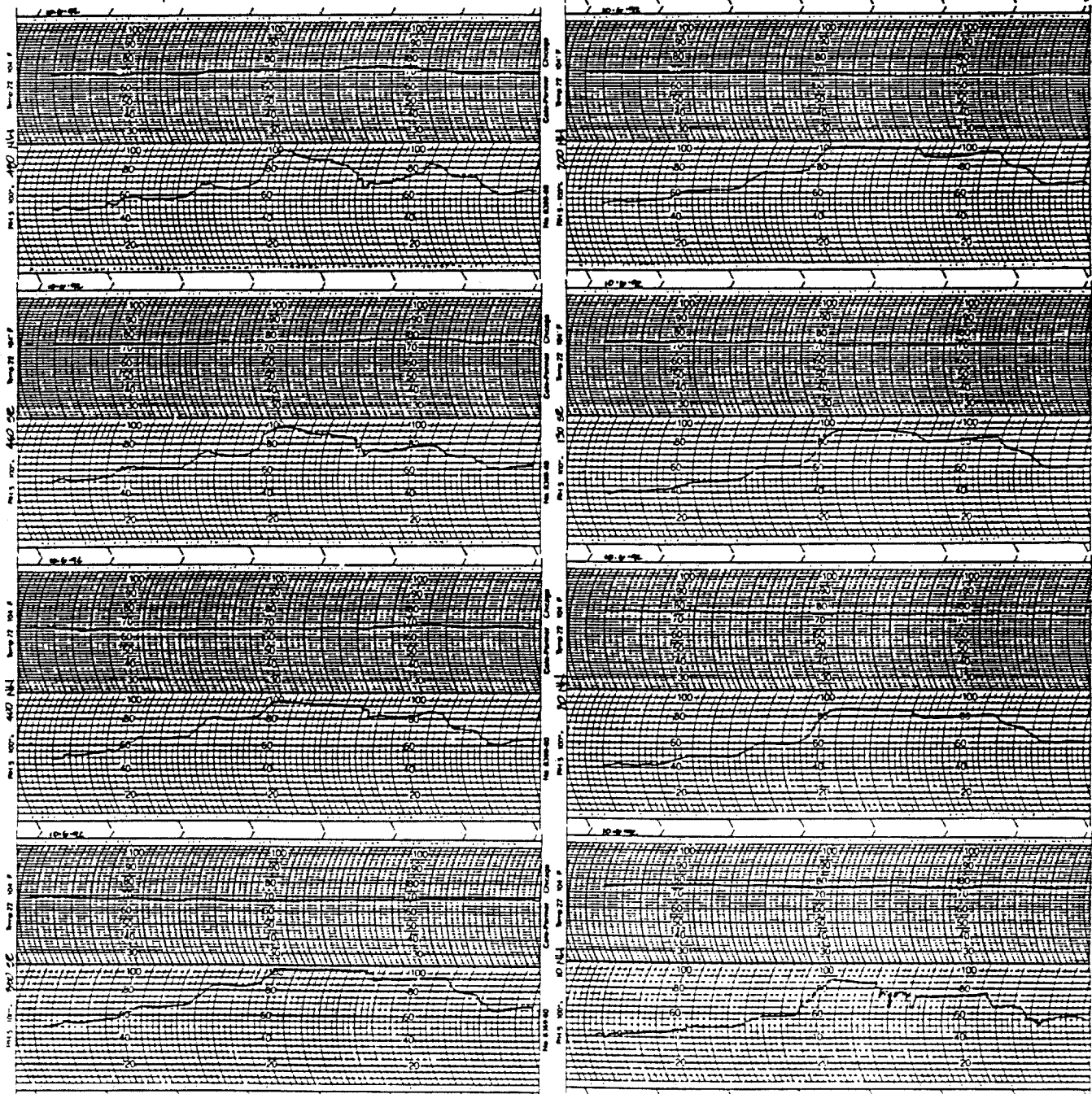
WASHINGTON MONUMENT

DATE: D-672

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	12:07	69.3°	66.5°	69.4°	0% Moisture 0.12%
2. 450 SE	12:20	70.6°	67.7°	68.8°	0% 0.22%
3. 400 NW	12:35	69.0°	65.0°	67.4°	0% 6-7%
4. 350 SE	12:50	69.2°	67.6°	67.7°	0% 8-11%
5. 300 NW	12:55	69.8°	66.6°	68.2°	0% 10-15%
6. 250 SE	12:40	69.4°	66.7°	68.5°	0% 10-22%
7. 200 NW	12:45	70.0°	69.4°	69.6°	0-2%
8. 150 SE	12:50	71.1°	73.0°	72.4°	0% 0-15%
9. 80 NW	12:55	73.1°	74.5°	73.9°	0% 0-10%
10. 10 NW	1:00	72.1°	74.5°	73.7°	0% 6-10%

OUTSIDE AIR TEMP: 72.7°

WEATHER: Clear, light breeze at horizon, calm.



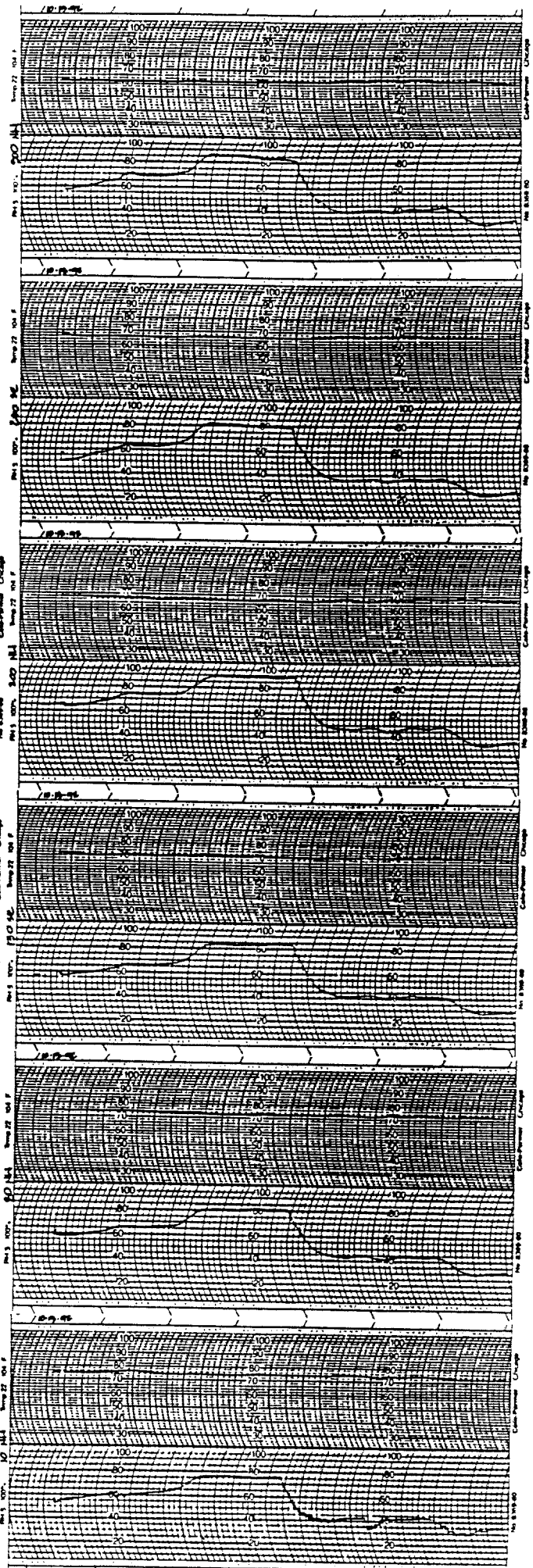
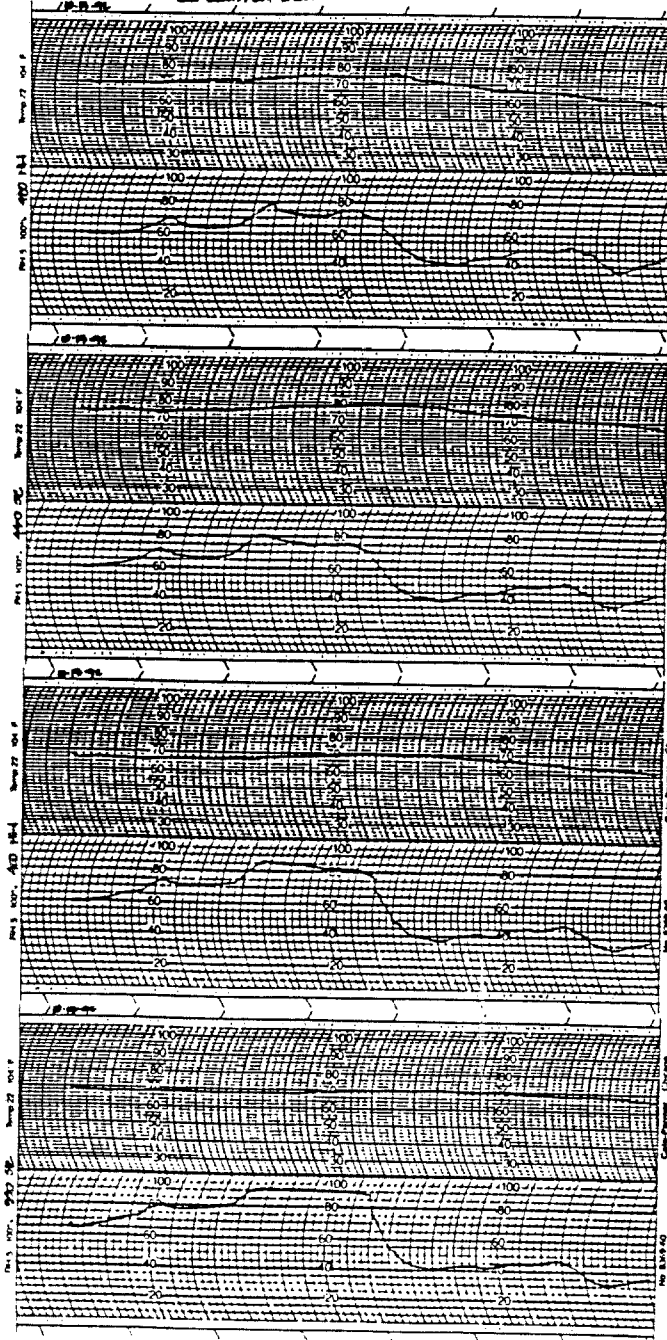
WASHINGTON MONUMENT

DATE: 10-13-72

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	2:45	76.3°	67.7°	73.0°	0%
2. 450 SE	3:00	73.1°	66.3°	71.1°	Stone 0% Metal 0.7%
3. 400 NW	3:05	71.6°	67.0°	68.4°	Stone 0% Metal 0.7%
4. 350 SE	3:10	70.2°	67.9°	67.8°	0%
5. 300 NW	3:15	70.0°	68.5°	65.0°	7-10% 0-6%
6. 250 SE	3:20	71.0°	67.4°	63.6°	0% 12-15%
7. 200 NW	3:30	69.6°	68.0°	60.5°	0% 6-10%
8. 150 SE	3:35	70.7°	71.5°	71.2°	0% 11-14%
9. 80 NW	3:40	72.9°	73.2°	73.1°	0% 0-10%
10. 10 NW	3:45	73.7°	74.1°	73.8°	9-12% 9-13%

OUTSIDE AIR TEMP: 71.1°

WEATHER: light clouds, but breeze



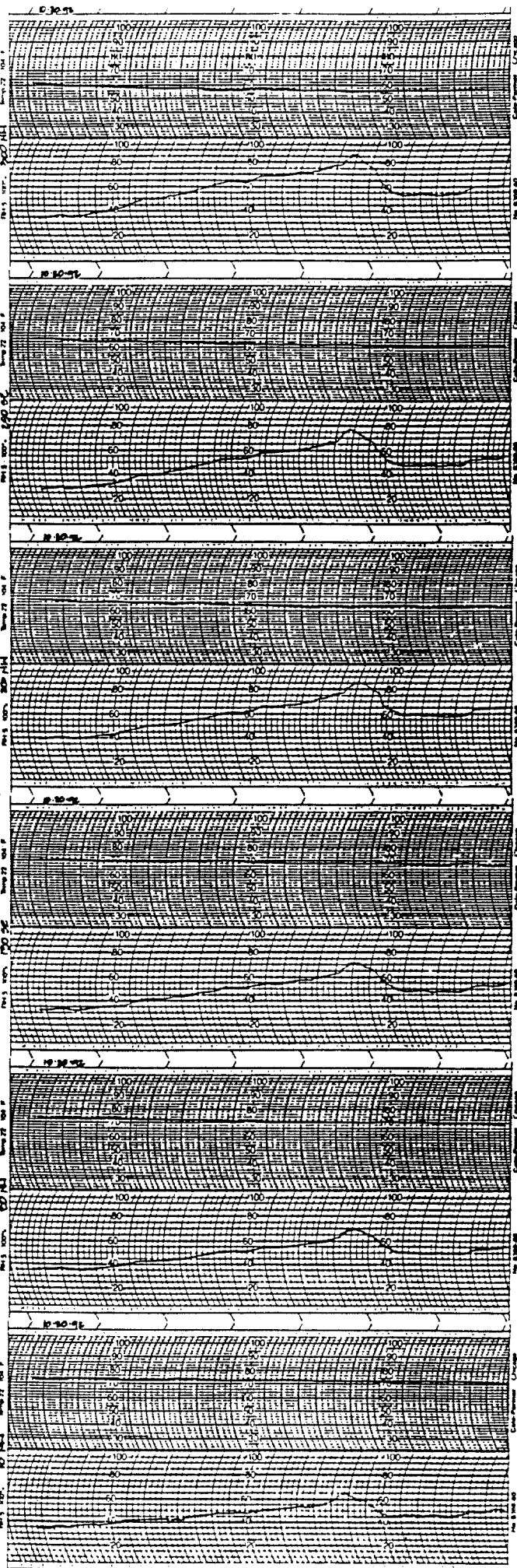
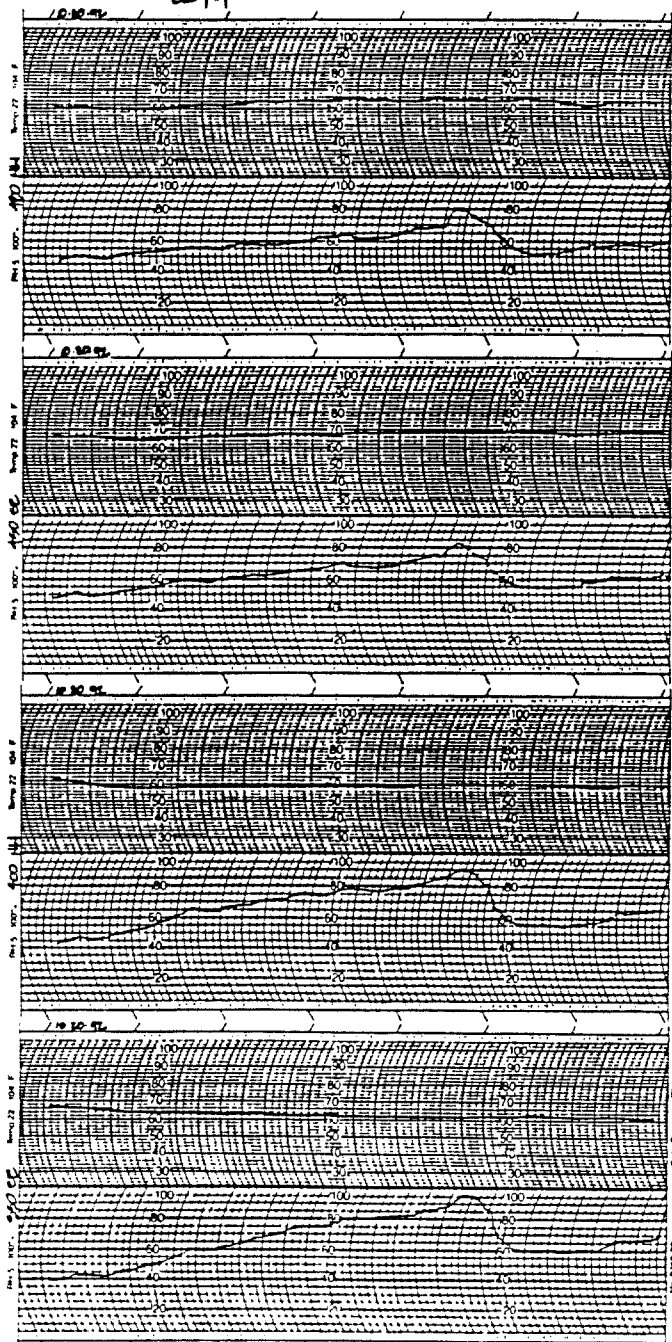
WASHINGTON MONUMENT

DATE: 10-20-92

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	9:20	62.4°	57.1°	61.5°	0%
2. 430 SE	9:30	66.0°	58.8°	61.3°	0%
3. 400 NW	9:35	62.4°	60.2°	61.6°	0-1% 14.6-16.2%
4. 350 SE	9:40	64.0°	64.5°	64.2°	0-10%
5. 300 NW	9:45	66.3°	64.0°	64.3°	0%
6. 250 SE	9:50	66.7°	66.7°	66.5°	0-10%
7. 200 NW	9:55	66.9°	66.9°	67.1°	0%
8. 150 SE	10:00	69.2°	70.0%	69.7°	0-11%
9. 80 NW	10:05	69.1°	70.7°	70.4°	0%
10. 10 NW	10:15	69.9°	71.7°	71.3°	0%

OUTSIDE AIR TEMP: 69.5°

WEATHER: Cld, light breeze



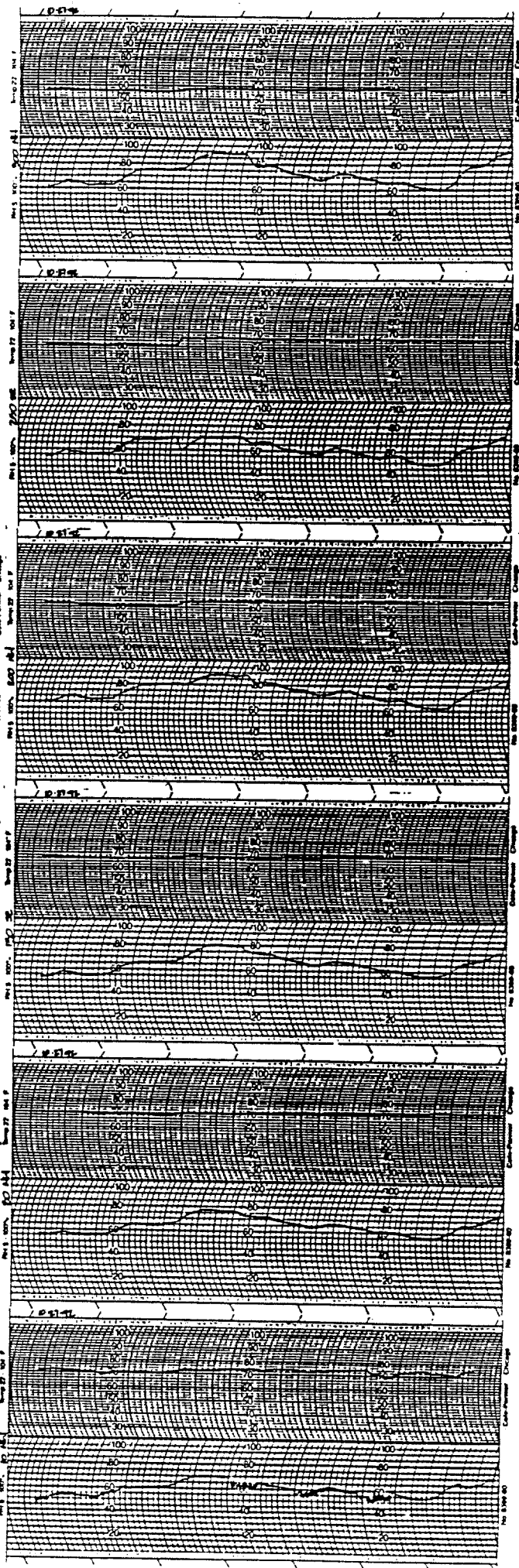
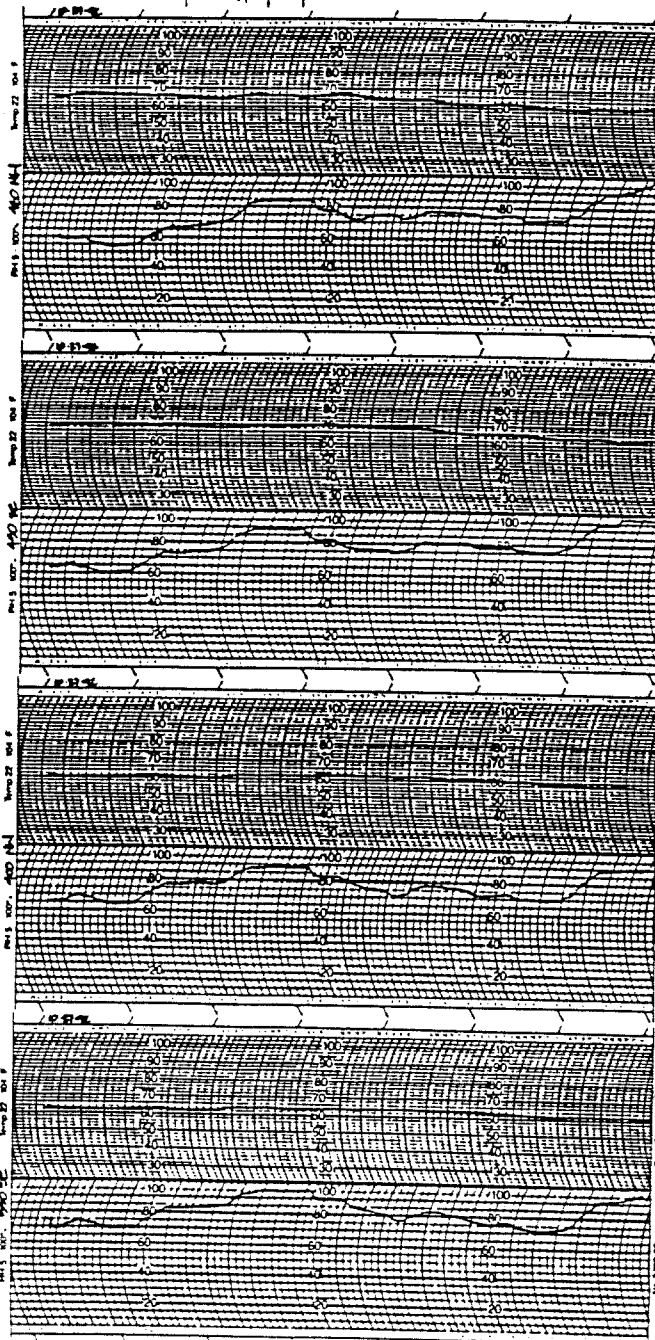
WASHINGTON MONUMENT

DATE: 10-27-92

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1. 480 NW	9:35	61.9°	60.6°	60.1°	0%
2. 450 SE	9:45	60.8°	62.8°	61.2°	0%
3. 400 NW	9:50	60.3°	61.0°	62.5°	Stone 6.7% Moisture 7.8%
4. 350 SE	9:55	64.4°	60.8°	61.9°	Stone 0% Moisture 9-11%
5. 300 NW	10:00	64.0°	60.2°	61.9°	Stone 0% Moisture 15-16%
6. 250 SE	10:10	63.8°	62.4°	62.0°	Stone 0% Moisture 0-2%
7. 200 NW	10:15	64.0°	62.6°	63.1°	Stone 0% Moisture 5-10%
8. 150 SE	10:20	64.4°	60.8°	60.1°	Stone 0% Moisture 6-14%
9. 80 NW	10:24	67.8°	60.4°	60.3°	Stone 0% Moisture 0-4%
10. 18 NW	11:30	67.8°	61.7°	60.7°	Stone 0% Moisture 7-8%

OUTSIDE AIR TEMP. 60.0°

WEATHER: Light breeze, partly cloudy



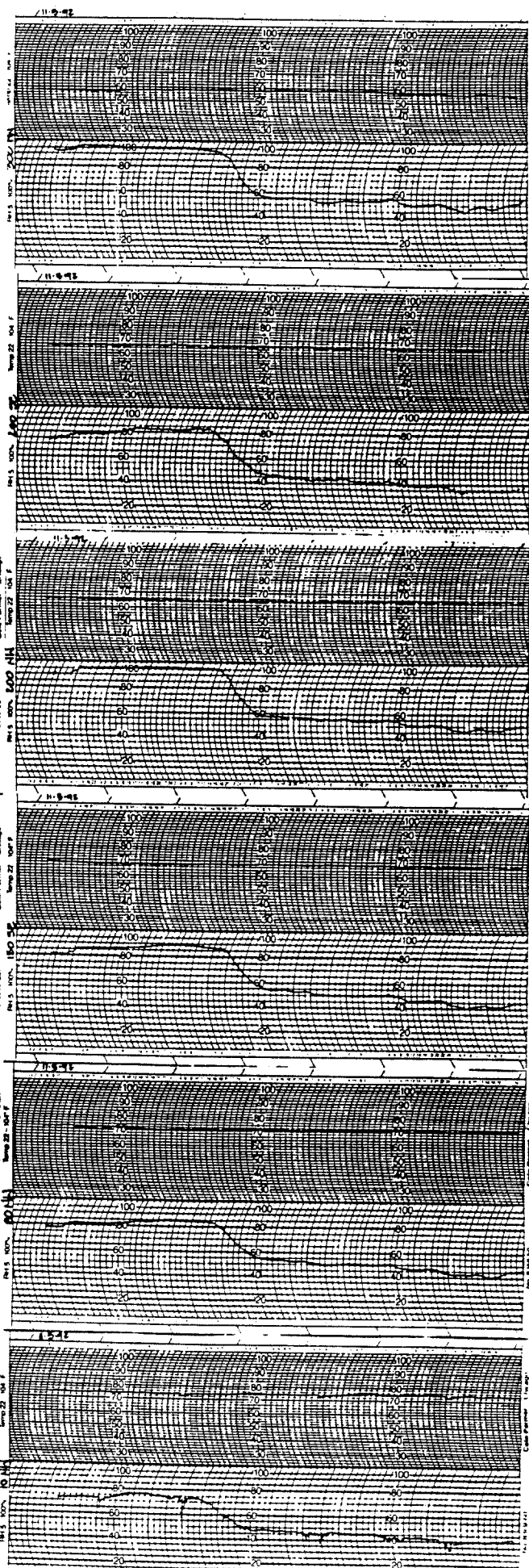
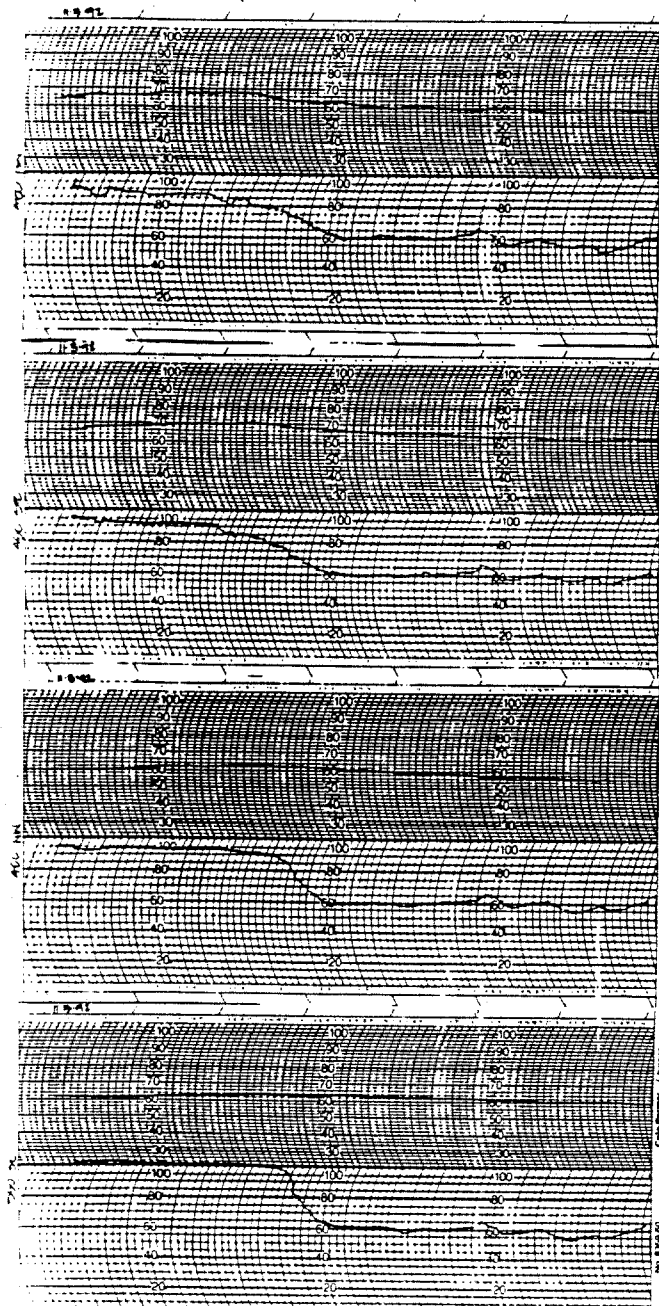
WASHINGTON MONUMENT

DATE: 1/2/92

LOCATION	TIME	AIR F	STONE SURFACE F	METAL SURFACE F	STONE MOISTURE
1 480 NW	10:00	67.0°	58.7°	64.4°	Stone 18-22% Metal 24-28%
2 450 SE	10:10	61.1°	57.7°	63.1°	Stone 20-22% Metal 27-40%
3 400 NW	10:30	60.0°	60.3°	61.4°	Stone 22-24% Metal 29-37%
4 350 SE	10:50	64.3°	57.7°	62.2°	Stone 23-27% Metal 30-32%
5 300 NW	10:55	64.5°	62.3°	62.0°	Stone 25-28% Metal 30-32%
6 250 SE	10:40	69.7°	63.9°	69.1°	Stone 26-28% Metal 30-32%
7 200 NW	10:50	67.2°	66.2°	67.1°	Stone 26-28% Metal 30-32%
8 150 SE	11:00	67.7°	67.2°	67.4°	Stone 26-28% Metal 30-32%
9 80 NW	11:05	71.3°	71.1°	71.6°	Stone 26-28% Metal 30-32%
10 10 NW	11:10	72.5°	73.0°	73.6°	Stone 26-28% Metal 30-32%

OUTSIDE AIR TEMP 64.7°

WEATHER Clear, light breeze. Rain yesterday



NOAA Local Climatological Data Monthly Summaries

LOCAL CLIMATOLOGICAL DATA Monthly Summary

WASHINGTON NATIONAL AIRPORT



LATITUDE 38° 51' N LONGITUDE 77° 02' W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743

OCT 1991
WASHINGTON NAT'L AP, D.C.

TEMPERATURE °F				DEGREE DAYS BASE 65°F		WEATHER TYPES		SNOW ICE PELLETS		PRECIPITATION		AVERAGE STATION PRESSURE		WIND M.P.H.				SUNSHINE		SKY COVER (TENTHS)					
DATE	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE OF POINT	HEATING SEASON BEGINS WITH JUL	COOLING SEASON BEGINS WITH JAN	1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	INCHES AT 0700	WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	IN INCHES ELEV. 65 FEET ABOVE M.S.L.	RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK	FASTEST	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT				
																GUST	1-MIN								
01	78	59	69	4	61		4	1	0	0.00	0.0	30.13018	6.7	6.9	14	S	9	18	497	70	3	4			
02	79	63	71	4	63		0	1	0	0.00	0.0	30.00018	7.7	7.8	13	S	10	17	555	79	8	4			
03	78	66	72	4	63		0	1	0	0.03	0.0	29.98018	5.5	5.7	13	S	10	17	486	69	8	4			
04	85	66	74	4	63		0	1	0	0.00	0.0	29.98018	6.2	6.7	13	S	10	18	682	97	6	4			
05	81	66	74	4	64		0	1	0	0.00	0.0	29.91017	6.8	7.1	13	S	9	18	442	63	6	4			
06	72	49	61	4	54		0	1	0	0.35	0.0	29.93013211	2.6	13.6	29	NW	20	33	291	42	8	6			
07	72	45	59	4	54		0	1	0	0.00	0.0	30.08513011	3.3	13.6	24	NW	16	30	594	86	8	6			
08	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
09	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
10	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
11	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
12	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
13	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
14	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
15	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
16	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
17	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
18	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
19	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
20	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
21	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
22	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
23	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
24	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
25	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
26	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
27	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
28	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
29	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
30	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
31	72	43	58	4	54		0	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	678	98	8	6			
TOTAL	566	374	470	100	470		1	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	14379	69	5	4			
AVG	566	374	470	100	470		1	1	0	0.00	0.0	30.051191	3.3	13.6	24	NW	13	30	14379	69	5	4			
NUMBER OF DAYS																						GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF	
PRECIPITATION																						SNOW, ICE PELLETS		SNOW, ICE PELLETS OR ICE AND DATE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
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WIND																						SUNSHINE		SKY COVER	
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TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
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WIND																						SUNSHINE		SKY COVER	
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SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
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WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
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TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
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SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
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TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS		WEATHER TYPES	
SNOW, ICE PELLETS																						PRECIPITATION		AVERAGE STATION PRESSURE	
WIND																						SUNSHINE		SKY COVER	
TEMPERATURE																						DEGREE DAYS			

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE
+ TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
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MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES
STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE
MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF
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CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

Kenneth D. Hailer
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

:SSN 0198-1188

WASHINGTON NATIONAL AIRPORT

LATITUDE 38° 51' N LONGITUDE 77° 02' W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743

NOV 1991
WASHINGTON NAT'L AP, D.C.

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°F	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COV- ER (TENTHS)							
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL				AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)		COOLING (SEASON BEGINS WITH JAN)	WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	RESULANT DTR. 13 14	RESULANT SPEED 15 16	AVERAGE SPEED 17	PEAK GUST		FASTEST 1-MIN		MINUTES 20	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
																	SPEED 16	DIRECTION 17	SPEED 18	DIRECTION 19				
01	47	47	47				0	0.00	0.00	29.930	13	13	15	SE	13	13	253	40	7					
02	46	46	46				0	0.00	0.00	29.920	13	13	15	SE	13	13	282	45	5					
03	45	45	45				0	0.00	0.00	30.150	12	12	14	N	14	33	339	54	7					
04	45	45	45				0	0.00	0.00	30.230	12	12	14	N	17	33	350	54	10					
05	45	45	45				0	0.00	0.00	30.260	12	12	14	N	18	33	359	59	3					
06	45	45	45				0	0.00	0.00	30.160	11	11	14	S	13	16	495	65	7					
07	45	45	45				0	0.00	0.00	30.100	11	11	15	NW	13	33	158	25	9					
08	45	45	45				0	0.00	0.00	30.240	11	11	15	N	20	34	0	0	10					
09	45	45	45				0	0.01	0.01	30.280	11	11	14	N	18	36	0	0	10					
10	45	45	45				0	0.10	0.10	29.910	11	11	15	N	18	03	0	0	10					
11	45	45	45				0	0.01	0.01	29.810	12	12	15	NW	22	31	0	0	10					
12	45	45	45				0	0.11	0.11	30.035	11	11	15	NW	23	31	169	28	9					
13	45	45	45				0	0.11	0.11	30.020	11	11	15	NW	12	26	221	36	5					
14	45	45	45				0	0.00	0.00	30.090	11	11	14	S	13	18	505	83	4					
15	45	45	45				0	0.00	0.00	30.030	11	11	15	S	13	17	452	75	4					
16	45	47	47				0	0.00	0.00	30.010	11	11	15	S	13	17	452	75	4					
17	45	48	48				0	0.00	0.00	30.315	11	11	15	NW	20	32	362	60	6					
18	45	48	48				0	0.00	0.00	30.315	11	11	15	N	16	32	599	100	0					
19	45	48	48				0	0.00	0.00	30.250	11	11	15	S	14	18	310	52	8					
20	45	48	48				0	0.00	0.00	30.190	11	11	15	SW	10	20	159	26	7					
21	45	48	48				0	0.00	0.00	30.070	11	11	15	S	20	19	476	80	1					
22	45	48	48				0	0.01	0.01	29.960	11	11	15	S	17	19	0	0	10					
23	45	48	48				0	0.50	0.50	29.840	11	11	15	SW	26	21	2	2	10					
24	45	48	48				0	0.00	0.00	29.890	12	12	15	N	14	29	576	97	3					
25	45	48	48				0	0.00	0.00	29.770	13	13	16	NW	18	29	420	71	4					
26	45	48	48				0	0.00	0.00	30.070	19	19	24	N	18	29	284	48	8					
27	45	49	49				0	0.00	0.00	30.330	11	11	15	NW	16	32	587	100	0					
28	45	49	49				0	0.00	0.00	30.420	11	11	15	N	15	19	282	48	9					
29	45	49	49				0	0.00	0.00	30.260	11	11	15	N	15	17	421	35	8					
30	45	49	49				0	0.00	0.00	30.160	11	11	15	N	15	17	474	61	9					
31	45	49	49				0	0.00	0.00	30.100	11	11	15	N	15	17	474	61	9					
SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM				
1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720				
AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG				
57.3	40.3	48.6	2.3	36.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3				
NUMBER OF DAYS				SEASON TO DATE				SNOW, ICE PELLETS				GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF								
TOTAL				TOTAL				TOTAL				TOTAL				TOTAL								
665				665				665				665				665								
1720				1720				1720				1720				1720								
DEP				DEP				DEP				DEP				DEP								
1720				1720				1720				1720				1720								
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1720				1720				1720				1720				1720								
1720				1720				1720				1720				1720								
1720				1720				1720				1720				1720								

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
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MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES
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ASHEVILLE NORTH CAROLINA

Kenneth D. Walden
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

DEC 1991
WASHINGTON NATL AP, D.C.
AREA SEA CONTROL
TERMINAL BLDG RWY 40B

ISSN 0199-1188

LOCAL CLIMATOLOGICAL DATA Monthly Summary

WASHINGTON NATIONAL AIRPORT



LATITUDE 38° 51' N LONGITUDE 77° 02' W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°F	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUST STORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L.	WIND IN M.P.H.				SUNSHINE		SKY COVER (TENTHS)				
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL				AVERAGE 66° POINT	HEATING SEASON BEGINS WITH JUL		COOLING SEASON BEGINS WITH JAN	WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	PEAK GUST		FASTEST 1-MIN		MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
														RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	SPEED				
01	40	30	35	0	0	1	0	0.87	0.00	30.045	18	12	18	0	0	10	10				
02	40	30	35	0	0	1	0	0.76	0.00	30.010	02	7	18	04	0	0	10	10			
03	40	30	35	0	0	1	0	0.88	0.00	30.000	29	3	18	18	0	0	10	10			
04	40	30	35	0	0	1	0	0.00	0.00	30.060	30	16	18	30	303	53	4	3			
05	40	30	35	0	0	1	0	0.00	0.00	30.035	25	20	18	18	295	53	7	3			
06	40	30	35	0	0	1	0	0.00	0.00	30.090	21	3	18	20	571	99	1	4			
07	40	30	35	0	0	1	0	0.00	0.00	30.020	18	4	18	18	533	93	4	4			
08	40	30	35	0	0	1	0	0.00	0.00	30.015	18	8	18	15	342	60	5	4			
09	40	30	35	0	0	1	0	0.02	0.00	30.020	32	1	18	35	42	7	10	10			
10	40	30	35	0	0	1	0	0.05	0.00	30.090	33	5	18	32	491	86	2	6			
11	40	30	35	0	0	1	0	0.00	0.00	30.230	19	2	18	16	305	53	9	5			
12	40	30	35	0	0	1	0	0.00	0.00	30.225	18	3	18	19	51	9	10	10			
13	40	30	35	0	0	1	0	0.03	0.00	30.970	19	9	18	20	0	0	10	10			
14	40	30	35	0	0	1	0	0.11	0.00	30.780	24	9	18	35	0	0	10	8			
15	40	30	35	0	0	1	0	0.00	0.00	30.070	26	11	18	27	568	100	0	1			
16	40	30	35	0	0	1	0	0.00	0.00	30.220	30	11	18	30	522	92	0	3			
17	40	30	35	0	0	1	0	0.00	0.00	30.020	18	6	18	24	161	28	8	7			
18	40	30	35	0	0	1	0	0.00	0.00	30.180	31	15	18	36	233	41	6	3			
19	40	30	35	0	0	1	0	0.00	0.00	30.680	33	14	18	33	567	100	0	0			
20	40	30	35	0	0	1	0	0.00	0.00	30.630	21	1	18	20	378	67	8	7			
21	40	30	35	0	0	1	0	0.00	0.00	30.150	28	9	18	29	348	61	5	5			
22	40	30	35	0	0	1	0	0.00	0.00	30.040	25	5	18	31	567	100	0	1			
23	40	30	35	0	0	1	0	0.25	0.00	30.680	19	1	18	17	16	3	10	10			
24	40	30	35	0	0	1	0	0.01	0.00	30.830	32	11	18	33	303	53	5	3			
25	40	30	35	0	0	1	0	0.00	0.00	30.185	30	9	18	31	489	86	5	3			
26	40	30	35	0	0	1	0	0.00	0.00	30.340	17	3	18	18	465	82	3	4			
27	40	30	35	0	0	1	0	0.00	0.00	30.420	01	3	18	06	438	77	6	4			
28	40	30	35	0	0	1	0	0.47	0.00	30.320	02	5	18	03	0	0	10	10			
29	40	30	35	0	0	1	0	0.62	0.00	30.770	32	7	18	31	93	16	9	6			
30	40	30	35	0	0	1	0	0.00	0.00	30.075	34	12	18	33	42	1	9	6			
31	40	30	35	0	0	1	0	0.00	0.00	30.530	04	7	18	36	565	99	0	0			
TOTAL																					
NUMBER OF DAYS																					
PRECIPITATION																					
SNOW, ICE PELLETS																					
GREATEST IN 24 HOURS AND DATES																					
GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE																					
MAXIMUM TEMP MINIMUM TEMP																					
THUNDERSTORMS																					
HEAVY FOG																					
CLEAR PARTLY CLOUDY CLOUDY																					

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ASHEVILLE NORTH CAROLINA

Kenneth D. Walker
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

JAN 1992
WASHINGTON NAT'L AP, D.C.
WEA SER CONTRACT MET OBS
TERMINAL BLDG RM 408

ISSN 0198-1188

LOCAL CLIMATOLOGICAL DATA Monthly Summary

WASHINGTON NATIONAL AIRPORT

LATITUDE 38° 53' N LONGITUDE 77° 02' W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743



JAN 1992
WASHINGTON NAT'L AP, D.C.

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COVER (TENTHS)																	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT	HEATING SEASON BEGINS WITH JUL			COOLING SEASON BEGINS WITH JAN	WATER EQUIVALENT (INCHES)		SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST			FASTEST 1-MIN		MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT											
																SPEED	DIRECTION		SPEED	DIRECTION															
01	43	28	36		32			0	0.00	0	30.480	07	2.2	5.3	12	NE	10	05	0	0	10	10													
02	47	29	43		39			0	0.01	0	30.350	03	6.7	12	N	9	05	0	0	10	10														
03	45	44	44.5*		46			0	0.06	0	29.960	05	15.2	15	33	E	25	07	13	2	10	10													
04	46	48	47		47			0	1.84	0	29.590	02	20.5	21	44	N	32	36	0	0	10	10													
05	46	40	43		39			0	0.00	0	29.770	33	14.8	15	31	N	26	34	120	21	7	10													
06	40	30	35		30			0	0.00	0	29.810	31	8.3	9	23	NW	15	31	533	93	6	10													
07	41	32	36		28			0	0.00	0	30.010	31	12.3	13	29	NW	22	32	575	100	1	10													
08	40	30	35		28			0	0.00	0	30.160	26	1.3	7	16	NW	14	33	568	99	1	10													
09	38	24	31		21			0	0.09	0	29.860	19	6.2	7	16	S	14	17	0	0	10	10													
10	40	30	35		33			0	0.00	0	29.720	31	14.0	14	30	NW	21	33	119	21	8	10													
11	48	36	42		24			0	0.00	0	29.920	31	10.8	11	26	NW	18	32	419	72	4	4													
12	40	30	35		33			0	0.00	0	30.035	18	5.8	6	15	S	13	18	450	77	8	6													
13	42	30	36		39			0	0.00	0	29.750	18	5.5	7	10	S	12	18	0	0	9	8													
14	40	30	35		37			0	0.31	0	29.260	25	14.4	20	47	W	35	29	187	32	7	6													
15	35	24	30		10			0	0.00	0	29.850	28	10.0	14	33	W	25	30	583	100	0	3													
16	33	16	25	-10	1	40		0	0.02	0	29.890	30	14.7	16	4	W	30	30	390	67	4	4													
17	45	16	31	-14	11	34		0	0.00	0	29.820	23	9.1	12	38	W	29	29	114	19	8	7													
18	40	23	32	-7	7	33		0	0.00	0	30.050	32	11.9	12	35	N	21	34	142	24	9	9													
19	25	14	20	-10	0	45		0	0.00	0	30.260	33	8.5	11	25	NW	16	34	577	98	1	3													
20	42	18	30	-10	13	35		0	0.00	0	29.955	27	5.0	10	9	NW	18	31	137	23	9	6													
21	54	24	39	-4	25	26		0	0.00	0	29.955	13	2.9	8	15	NE	13	18	593	100	0	0													
22	45	29	37	-2	27	28		0	0.00	0	30.170	07	6.5	8	18	SE	13	09	263	44	10	8													
23	36	36	36	0	41	19		0	0.30	0	29.590	14	1.9	9	1	36	S	23	17	11	2	9	9												
24	47	28	38	19	27	0		0	0.00	0	29.650	28	14.4	16	2	W	25	31	429	72	4	4													
25	34	25	30	-10	16	35		0	0.15	3	30.120	25	5.3	9	6	29	W	17	29	94	16	9	8												
26	35	25	30	-10	22	35		0	0.00	0	30.310	33	7.0	8	7	24	NW	17	32	437	72	6	4												
27	37	21	29	-8	26	36		0	0.00	0	30.400	19	6.4	6	9	18	S	14	18	0	0	10	8												
28	48	32	40	4	31	25		0	0.00	0	30.270	04	7.1	7	3	17	NE	10	05	508	84	1	3												
29	48	33	39	4	31	26		0	0.00	0	30.185	16	3.4	6	1	16	S	12	17	274	45	6	6												
30	49	34	41	15	34	26		0	0.00	0	29.890	18	4.2	4	9	12	S	9	18	39	6	10	6												
31	41	35	38	-5	26	31		0	0.00	0	29.650	32	7.9	11	4	23	NW	27	23	0	0	10	10												
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH				TOTAL		F		SUM		SUM											
1432		936		924		924		2.76		4.0		29.960		31		4.0		110.8		47		W		25		29		7575		FEB		207		19	
AVG		AVG		AVG		AVG		PRECIPITATION		DEP								DATE: 14		DATE: 14		POSSIBLE		HOURS		AVG		AVG							
46.2		30.2		38.2		30.2		0.1		0.02												18231		42		6.7		6.2							
NUMBER OF DAYS				SEASON TO DATE		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF		SNOW, ICE PELLETS OR ICE AND DATE																					
MAXIMUM TEMP				MINIMUM TEMP		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		GREATEST DEPTH ON GROUND OF		SNOW, ICE PELLETS OR ICE AND DATE																					
900				320		0		1.84		04-05		3.6		25-29		4		26+																	
20				-224		0		CLEAR		PARTLY CLOUDY		CLOUDY		17																					

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† TRACE AMOUNT.
- ALSO ON EARLIER DATE(S).
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Kenneth D. Halpern
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FEB 1992
WASHINGTON NAT'L AP, D.C.
WEA SER CONTRACT MET OBS
TERMINAL BLDG RM 408

ISSN 0198-1155

LOCAL CLIMATOLOGICAL DATA Monthly Summary

WASHINGTON NATIONAL AIRPORT

LATITUDE 38° 51' N LONGITUDE 77° 02' W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743



FEB 1992
WASHINGTON NAT'L AP, D.C.

DATE	TEMPERATURE OF			DEGREE DAYS BASE 65°F	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUST/STORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE H.S.L.	WIND M.P.H.				SUNSHINE MINUTES	SKY COVER TENTHS							
	MAXIMUM	MINIMUM	AVERAGE				DEPARTURE FROM NORMAL	AVERAGE NEW POINT		HEATING SEASON BEGINS WITH JUL	COOLING SEASON BEGINS WITH JAN	WATER EQUIVALENT INCHES	SNOW, ICE PELLETS INCHES			RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	DIRECTION	FASTEST 1-MIN	DIRECTION
01	41	30	35	30			0.00	0.00	30.845	32	17.4	17.7	40	NW	26	32	268	44				
02	42	31	36	31			0.00	0.00	30.030	32	14.3	14.5	33	NW	21	33	571	93				
03	42	31	36	31			0.00	0.00	30.010	33	8.0	9.8	22	N	16	34	612	98				
04	42	31	36	31			0.00	0.00	29.765	24	4.0	3.8	38	NW	26	32	103	14				
05	42	31	36	31			0.00	0.00	29.990	32	11.0	11.6	35	NW	20	32	556	88				
06	42	31	36	31			0.00	0.00	29.850	07	6.0	7.0	23	E	14	07	569	91				
07	42	31	36	31			0.00	0.00	29.600	03	7.0	7.8	15	NW	13	33	125	22				
08	42	31	36	31			0.00	0.00	29.705	29	7.0	9.5	28	NW	18	30	165	76				
09	42	31	36	31			0.00	0.00	30.240	31	13.0	13.7	32	W	18	31	461	73				
10	42	31	36	31			0.00	0.00	30.520	13	3.0	8.6	16	N	14	18	618	98				
11	42	31	36	31			0.00	0.00	30.200	22	5.8	10.6	28	NW	18	33	352	55				
12	42	31	36	31			0.00	0.00	30.430	01	7.1	12.3	29	N	24	34	577	90				
13	42	31	36	31			0.00	0.00	30.150	17	6.6	7.3	16	SW	13	19	0	0				
14	42	31	36	31			0.00	0.00	30.030	32	1.4	5.8	17	N	12	34	500	78				
15	42	31	36	31			0.00	0.00	29.885	17	4.4	5.5	14	S	12	18	0	0				
16	42	31	36	31			0.00	0.00	29.835	29	9.5	11.9	33	NW	23	31	269	42				
17	42	31	36	31			0.00	0.00	30.255	08	2.0	6.7	17	NW	12	11	168	26				
18	42	31	36	31			0.00	0.00	30.050	04	4.2	6.3	14	NE	13	05	0	0				
19	42	31	36	31			0.00	0.00	29.810	20	2.3	7.8	23	NW	15	33	223	34				
20	42	31	36	31			0.00	0.00	30.070	30	11.8	12.5	36	NW	22	29	337	51				
21	42	31	36	31			0.00	0.00	30.210	26	2.9	9.4	23	NW	17	30	65	10				
22	42	31	36	31			0.00	0.00	30.220	16	3.7	6.3	15	S	10	18	552	83				
23	42	31	36	31			0.00	0.00	30.015	17	3.1	5.8	13	S	10	04	0	0				
24	42	31	36	31			0.00	0.00	30.060	06	10.2	10.8	23	NE	17	05	0	0				
25	42	31	36	31			0.00	0.00	29.990	04	9.0	9.4	16	N	14	36	0	0				
26	42	31	36	31			0.00	0.00	29.590	33	11.6	12.2	33	NW	15	34	5	1				
27	42	31	36	31			0.00	0.00	29.690	27	8.0	9.4	30	W	18	28	368	55				
28	42	31	36	31			0.00	0.00	29.560	21	11.5	12.3	32	SW	21	24	220	33				
29	42	31	36	31			0.00	0.00	29.800	32	17.3	18.0	43	NW	26	33	364	80				

SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH		TOTAL		2		3			
1241	936	1241	936	1241	936	1241	936	1241	936	1241	936	1241	936	1241	936	1241	936	1241	936	1241	936		
AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG		
49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7	49.7	32.7		
NUMBER OF DAYS				SEASON TO DATE				SNOW, ICE PELLETS				GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF				SNOW, ICE PELLETS OR ICE AND DATE			
MAXIMUM TEMP				MINIMUM TEMP				THUNDERSTORMS				PRECIPITATION				SNOW, ICE PELLETS				SNOW, ICE PELLETS OR ICE AND DATE			
900				320				0				0.99				0.99				0.99			
0				0				0				0				0				0			
0				0				0				0				0				0			

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
† TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
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MAR 1992
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WEA SER CONTRACT MET OBS
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ISSN 0198-1188

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WASHINGTON NATIONAL AIRPORT

LATITUDE 38° 51' N LONGITUDE 77° 02' W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743



MAR 1992
WASHINGTON NAT'L AP, D.C.

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°F	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOG, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION WATER EQUIVALENT INCHES	SNOW, ICE PELLETS INCHES	AVERAGE STATION PRESSURE IN INCHES	ELEV. 65 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COVER (TENTHS)						
	MAXIMUM	MINIMUM	AVERAGE								DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING ISEASON BEGINS WITH JUL	COOLING ISEASON BEGINS WITH JAN	RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 1-MIN	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
																		SPEED	DIRECTION				
01	62	42	52				0.00	0.00	30.040121	9.6	10.6	21	S	20	21	681	100	1					
02	73	40	56				0.00	0.00	30.040112	9.6	10.6	21	S	16	04	673	99	3					
03	71	44	57				0.00	0.00	30.120106	9.6	10.6	15	SE	14	03	117	17	9					
04	66	46	56				0.00	0.00	30.120114	9.6	10.6	15	SE	14	10	100	100	10					
05	66	46	56				0.00	0.00	30.220121	9.6	10.6	14	SE	14	21	100	100	10					
06	64	44	54				0.00	0.00	30.170108	9.6	10.6	22	SE	17	07	100	100	10					
07	66	44	55				0.00	0.00	29.840118	9.6	10.6	29	SE	21	09	153	22	8					
08	69	44	56				0.00	0.00	29.800129	9.6	10.6	25	NW	17	32	132	19	9					
09	66	44	55				0.00	0.00	29.950120	9.6	10.6	18	SE	14	12	490	70	6					
10	66	44	55				0.00	0.00	29.600117	9.6	10.6	29	S	22	19	1	0	10					
11	59	44	51				0.00	0.00	29.450129	16.5	19.6	47	W	31	30	326	46	8					
12	47	36	41				0.00	0.00	29.710127	10.6	12.6	31	W	18	30	523	74	9					
13	40	36	38				0.00	0.00	29.840131	14.6	15.0	31	NW	20	30	658	93	1					
14	45	35	40				0.00	0.00	29.860128	12.7	15.0	24	W	15	29	478	67	4					
15	42	35	38				0.00	0.00	29.930132	12.0	12.9	31	N	21	32	575	80	6					
16	38	30	34				0.00	0.00	30.150132	10.6	12.6	31	NW	21	33	715	99	1					
17	64	46	55				0.00	0.00	30.915119	10.6	10.3	23	N	17	35	279	35	8					
18	52	44	48				0.00	0.00	30.045106	9.6	10.6	25	N	20	34	0	0	10					
19	47	38	42				0.00	0.00	29.650101	9.6	11.7	25	N	32	35	0	0	10					
20	40	38	39				0.00	0.00	29.850133	9.6	9.7	22	NW	17	33	262	36	10					
21	45	36	40				0.00	0.00	29.990133	8.6	10.4	28	N	17	33	407	56	6					
22	42	37	39				0.00	0.00	29.780118	8.7	9.2	24	S	21	18	25	3	10					
23	43	37	40				0.00	0.00	29.850132	17.1	17.3	33	NW	26	30	569	77	5					
24	51	41	46				0.00	0.00	30.200128	5.4	8.0	21	NW	15	27	734	96	0					
25	58	34	46				0.00	0.02	30.210118	4.1	11.7	25	S	17	16	509	69	7					
26	50	44	47				0.00	0.00	29.850136	7.2	10.1	25	NW	21	33	0	0	10					
27	56	42	49				0.00	0.00	29.670129	9.6	11.5	38	NW	24	30	387	54	6					
28	53	46	49				0.00	0.00	29.920130	16.6	16.5	38	NW	35	30	749	100	0					
29	59	48	53				0.00	0.00	30.050131	10.0	10.9	24	NW	11	32	654	96	8					
30	60	48	54				0.00	0.00	29.840116	10.0	10.3	27	S	14	19	0	0	10					
31	60	48	54				0.00	0.00	29.750133	10.0	10.3	24	N	24	35	558	74	10					
SUM	1661	1128	1394				0.00	0.00	29.920130	9.6	10.6	47	N	31	30	10744	100	206					
AVG	53.6	36.4	45.0				0.00	0.00								22248	99	6.6					
NUMBER OF DAYS										GREATEST IN 24 HOURS AND DATES										GREATEST DEPTH ON GROUND OF			
SEASON TO DATE										SNOW, ICE PELLETS										SNOW, ICE PELLETS OR ICE AND DATE			
TOTAL										PRECIPITATION										SNOW, ICE PELLETS			
2508										HEAVY FOG										CLEAR			
2508										PARTLY CLOUDY										CLOUDY			

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APR 1992
WASHINGTON NAT'L AP, D.C.

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COVER TENTHS					
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING SEASON BEGINS WITH JUL 1			COOLING SEASON BEGINS WITH JAN 1	WATER EQUIVALENT (INCHES)		SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 1-MIN.	MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	10 TO MIDNIGHT		
01	63	37	50	-1	35			0	0.06	0	29.700	30	6.1	10.4	28	NW	18	32	398	52	10		
02	46	33	40	-1	22			0	0.00	0	29.700	31	14.5	15.0	33	NW	24	33	476	62	7		
03	46	31	40	-1	19			0	0.00	0	29.740	30	12.8	13.4	28	NW	20	32	639	84	4		
04	46	31	41	-1	19			0	0.00	0	29.680	21	8.4	8.3	21	SW	15	19	412	54	7		
05	46	35	46	-1	15			0	0.00	0	29.930	32	15.2	15.4	37	NW	23	31	752	98	2		
06	46	39	51	-1	12			0	0.00	0	30.120	32	8.6	10.3	23	NW	16	31	684	89	3		
07	46	36	50	-1	16			0	0.00	0	29.910	16	4.2	4.8	14	S	14	18	418	54	9		
08	46	36	50	-1	16			0	0.00	0	29.920	33	6.8	10.8	29	N	21	34	625	80	4		
09	45	37	51	-1	15			0	0.08	0	30.010	19	6.9	7.7	21	S	15	19	311	40	6		
10	46	35	51	-1	15			0	0.01	0	29.990	05	4.8	6.1	16	E	14	06	449	57	7		
11	80	55	68	13	57			0	0	0	29.915	13	4.3	7.1	15	E	13	12	393	50	6		
12	73	47	60	4	47			0	0	0	30.055	35	11.3	12.5	29	N	20	34	464	59	6		
13	54	38	46	-10	21			0	0.00	0	30.430	03	6.7	11.3	26	NE	18	03	777	98	1		
14	62	42	52	-4	33			0	0.00	0	30.225	18	8.2	8.9	16	S	13	19	511	65	6		
15	60	46	53	-4	39			0	0.00	0	30.210	10	5.2	8.6	16	NE	12	05	204	26	9		
16	57	48	53	-4	48			0	0.08	0	30.110	11	5.4	6.9	16	SE	10	05	77	10	10		
17	85	50	68	11	57			0	0.01	0	29.890	23	4.2	8.1	37	N	22	27	370	46	8		
18	64	48	56	-2	53			0	0.09	0	30.050	07	8.3	9.7	22	N	16	02	0	0	10		
19	52	47	50	-8	48			0	0	0	30.160	07	8.0	8.6	16	E	13	08	0	0	10		
20	70	48	59	-1	54			0	0	0	30.090	08	5.6	6.5	15	E	12	08	272	34	9		
21	72	57	65	6	63			0	1.03	0	29.900	16	8.0	10.1	24	SE	17	15	9	1	10		
22	75	58	67	8	62			0	0.25	0	29.920	18	5.0	7.5	28	NW	14	17	250	31	9		
23	79	54	67	8	56			0	0.00	0	30.040	05	0.7	6.9	17	N	13	33	813	100	1		
24	82	59	71	11	50			0	0.32	0	29.740	19	5.6	10.3	44	NW	35	33	362	44	8		
25	66	52	59	-1	45			0	0	0	29.670	32	11.9	12.1	33	NW	28	31	452	55	6		
26	52	46	50	-10	45			0	0.60	0	29.785	36	2.7	7.1	18	N	15	03	12	1	10		
27	61	44	53	-7	38			0	0	0	29.880	32	8.1	8.6	24	NW	15	34	498	61	7		
28	65	45	55	-6	38			0	0.00	0	29.945	02	3.8	7.1	18	N	13	14	374	45	8		
29	67	43	55	-6	40			0	0.00	0	29.980	12	4.2	6.9	17	S	14	15	794	96	2		
30	64	49	57	-4	46			0	0.02	0	29.670	21	4.6	6.9	25	NW	21	32	251	30	10		
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
953		372		1325		1325		255		0		29.950		33		9.2		34		NW		35 33	
AVG		AVG		AVG		DEP		PRECIPITATION		DEP		DATE: 24		DATE: 24		POSSIBLE		HOURS		AVG		AVG	
65		45.7		55.4		-1.3		41.9		58		8		11		-0.38		2380.2		51		6.8	
NUMBER OF DAYS		SEASON TO DATE		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
MAXIMUM TEMP		MINIMUM TEMP		3803		16		THUNDERSTORMS		9		PRECIPITATION		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF		SNOW, ICE PELLETS OR ICE AND DATE			
2 90°		2 32°		2 32°		2 32°		HEAVY FOG		1		1 22		21-22		0 0		0					
0		0		0		0		CLEAR		5		PARTLY CLOUDY		11		CLOUDY		14					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
† TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

Kenneth D. Hadlee
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

MAY 1992
WASHINGTON NAT'L AP, D.C.
NEA SER CONTRACT MET OBS
TERMINAL BLDG RM 408

ISSN 0198-1188

LOCAL CLIMATOLOGICAL DATA Monthly Summary

WASHINGTON NATIONAL AIRPORT

LATITUDE 38° 51' N

LONGITUDE 77° 02' W

ELEVATION (GROUND)

10 FEET

TIME ZONE EASTERN

13743



DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L.	WIND (M.P.H.)				SUNSHINE		SKY COV (TENTHS)				
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING SEASON BEGINS WITH JUL	COOLING SEASON BEGINS WITH JAN			WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST		FASTEST 1-MIN		MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT MID
																SPEED	DIRECTION	SPEED	DIRECTION				
01	70	49	60	-2	50	5	0	1	8	0	0.00	0.0	29.960	18	3.6	8.6	17	S	14	18	645	78	3
02	87	58	73	11	56	10	0	1	8	0	0.00	0.0	29.720	19	11.7	12.6	29	N	21	18	740	89	6
03	79	61	70	8	45	8	0	1	8	0	0.00	0.0	29.680	31	12.6	13.1	32	NW	21	33	695	83	3
04	64	51	58	-4	38	6	0	1	8	0	0.00	0.0	29.780	32	11.6	12.1	25	NW	16	31	465	56	6
05	62	47	55	-6	43	7	0	1	8	0	0.01	0.0	29.910	11	4.6	8.9	28	SE	17	07	269	32	9
06	59	44	52	-11	40	13	0	1	8	0	0.00	0.0	30.200	06	11.2	12.3	25	NE	17	04	656	78	5
07	55	44	50	-13	37	18	0	1	8	0	0.01	0.0	30.250	04	16.2	16.5	37	NE	28	05	3	0	10
08	58	45	52	-12	31	13	0	1	3	0	0.71	0.0	29.950	04	10.8	12.8	35	NE	25	05	0	0	10
09	64	51	58	-6	51	8	0	1	2	0	0.71	0.0	29.910	19	6.6	8.6	21	S	14	17	225	27	9
10	73	50	62	-2	50	3	0	1	8	0	0.00	0.0	30.010	32	10.0	10.4	24	N	18	34	551	65	6
11	76	55	66	1	55	0	0	1	8	0	0.00	0.0	30.120	07	5.0	7.0	22	E	14	11	769	90	2
12	76	50	63	-2	47	2	0	1	8	0	0.00	0.0	30.010	07	3.8	6.7	16	E	12	10	852	100	0
13	78	55	67	2	58	0	0	1	8	0	0.71	0.0	29.770	13	2.6	4.7	13	S	9	18	812	95	2
14	79	61	70	5	55	0	0	1	8	0	0.71	0.0	29.880	35	3.8	6.7	16	NE	12	01	782	91	5
15	73	60	67	1	61	0	0	1	8	0	0.38	0.0	30.090	09	5.3	8.4	18	S	15	18	156	18	10
16	66	58	62	-4	60	3	0	1	8	0	0.71	0.0	30.250	06	7.8	18.2	13	NE	13	09	0	0	10
17	71	60	66	0	62	0	0	1	8	0	0.71	0.0	30.250	13	5.8	16.9	15	S	12	18	8	1	10
18	82	62	72	17	64	0	0	1	8	0	0.25	0.0	30.090	29	2.4	8.3	29	N	23	36	335	39	10
19	71	53	62	-5	50	0	0	1	8	0	0.00	0.0	30.290	07	9.1	11.5	24	E	16	08	711	82	7
20	73	48	61	-6	39	4	0	1	8	0	0.00	0.0	30.355	06	7.5	9.0	22	E	16	09	866	100	0
21	81	43	62	-5	39	3	0	1	8	0	0.00	0.0	30.320	20	0.6	5.2	12	NE	9	18	867	100	0
22	88	53	71	3	48	0	0	1	8	0	0.00	0.0	30.140	20	1.7	4.9	14	S	9	16	781	90	6
23	91	56	74	6	54	0	0	1	8	0	0.00	0.0	29.910	29	3.2	5.9	18	NW	10	28	855	98	3
24	86	50	68	0	59	0	0	1	8	0	0.25	0.0	29.760	33	10.0	12.3	28	N	23	34	440	50	6
25	58	48	53	-16	46	0	0	1	8	0	0.71	0.0	29.940	01	6.0	9.3	23	N	20	35	10	1	10
26	54	52	53	-16	49	0	0	1	8	0	0.23	0.0	29.910	09	6.6	7.8	15	E	12	10	0	0	10
27	68	51	60	-9	44	0	0	1	8	0	0.71	0.0	29.910	33	4.4	6.7	18	N	14	32	479	55	8
28	71	47	59	-11	41	0	0	1	8	0	0.00	0.0	30.070	28	2.4	6.5	16	SW	10	23	729	83	8
29	75	56	66	-4	48	0	0	1	8	0	0.30	0.0	30.170	14	5.3	7.7	18	SE	17	18	492	56	10
30	66	55	61	-9	57	0	0	1	8	0	0.93	0.0	30.080	11	8.3	11.2	25	SE	18	15	0	0	10
31	75	60	68	-2	57	0	0	1	8	0	0.64	0.0	29.880	30	5.0	9.0	22	S	16	16	265	30	10
SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
2228	1633	1033	1133	-127	55	227	55	227	55	227	55	227	55	227	55	227	55	227	55	227	55	227	55
AVG	AVG	AVG	AVG	AVG	AVG	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	DEP	
71.9	52.7	52.3	-3.7	50.1	59	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	
NUMBER OF DAYS				SEASON TO DATE				SNOW, ICE PELLETS				GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF				SNOW, ICE PELLETS OR ICE AND DATE			
TOTAL				TOTAL				TOTAL				TOTAL				TOTAL				TOTAL			
2930				2930				2930				2930				2930				2930			
MAXIMUM TEMP				MINIMUM TEMP				THUNDERSTORMS				PRECIPITATION				SNOW, ICE PELLETS				HEAVY FOG			
≥ 90°				≤ 32°				≥ 1.0 INCH				1				1				1			
0				0				0				1				1				1			
0				0				0				0				0				0			
0				0				0				0				0				0			
0				0				0				0				0				0			
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0				0				0				0				0				0			

125, 198-198

Monthly Summary

JUN 1992
WASHINGTON NAT'L AP, D.C.

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
* TRACE AMOUNT
* ALSO ON EARLIER DATE(S).
-HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER

Kenneth D. Haxson
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

Preliminary Local Climatological Data (WS Form: F-6)

Station: WSCMO, WASHINGTON NATIONAL, DC

Month: JUL

Year : 1992

Latitude

Longitude

+3351

+7702

Gnd Elev. 10 ft.

Std Time: EST

```

=====
Temperature in Fahrenheit      : Precipitin.): Snow : Wind : Fastest 1-Min:      Sunshine :      Sky      : Peak Wind
(===== Columns =====)
=====

```

1-	2-	3-	4-	5-	6a-	6b-	7-	8-	9-	10-	11-	12-	13-	14-	15-	16-	17-	18-
Day	Max	Min	Avg	Dep.	HDD	CDD	Water	Snow	Depth	Avg.	Speed	Dir	Mins.	ZPSBL	SR-SS	Weather	Speed	Dir.

1	86	71	79	1	0	14	1.82	0.0	0	(6.6)	29	83.	267	38	10	1,3,8	43	E
2	84	70	77	-1	0	12	0.00	0.0	0	9.5	15	86	621	92	1	1	20	NE
3	75	68	72	-6	0	7	0.16	0.0	0	9.0	15	17	2	0	10		20	S
4	85	69	77	-1	0	12	0.88	0.0	0	(9.4)	17	32	724	81	5	1	24	W
5	84	64	74	-4	0	9	T	0.0	0	(10.2)	18	18	712	80	6	1,3	24	S
6	83	70	77	-1	0	12	0.83	0.0	0	6.7	13	34	412	47	8		17	NW
7	83	64	74	-5	0	9	0.88	0.0	0	8.9	16	33	811	92	5		20	NW
8	84	65	75	-4	0	10	T	0.0	0	11.7	20	17	358	40	9		23	S
9	95	77	86	7	0	21	0.01	0.0	0	10.6	18	23	431	49	10	1,8	28	W
10	96	77	87	8	0	22	0.00	0.0	0	9.5	17	19	759	86	5		24	S
11	94	78	86	7	0	21	0.00	0.0	0	10.0	22	31	685	78	5		35	NW
12	92	75	84	5	0	19	0.03	0.0	0	8.3	15	23	461	52	9	3	25	SW
13	91	78	85	6	0	20	T	0.0	0	10.2	18	26	317	36	10		26	SW
14	99	75	87	8	0	22	0.13	0.0	0	9.5	20	26	712	81	2	3	28	W
15	95	77	86	7	0	21	T	0.0	0	10.0	26	20	612	70	5	3	46	SW
16	92	74	83	4	0	18	0.00	0.0	0	7.4	14	14	613	70	7		17	SE
17	93	76	85	6	0	20	T	0.0	0	(11.0)	22	19	633	72	7	1,8	30	S
18	88	74	81	2	0	16	0.00	0.0	0	8.6	14	30	509	58	7		30	NW
19	92	71	82	3	0	17	0.00	0.0	0	8.8	13	15	641	74	8	1,8	18	N
20	93	75	84	5	0	19	0.00	0.0	0	8.2	15	17	701	90	1		10	S
21	96	71	84	5	0	19	0.62	0.0	0	(7.1)	35	31	536	62	7	1,3	41	NW
22	78	72	75	-4	0	10	T	0.0	0	9.5	13	00	3	0	10	1	16	NE
23	87	70	79	-1	0	14	0.72	0.0	0	(7.8)	25	36	229	26	10	1,3	39	W
24	77	70	74	-6	0	9	1.14	0.0	0	9.4	16	10	23	3	10	1,3,8	20	E
25	74	68	71	-9	0	6	0.46	0.0	0	9.3	15	10	9	1	10	1,3	20	E
26	82	70	76	-3	0	11	T	0.0	0	(9.6)	16	19	68	0	10	1,8	23	S
27	80	73	81	2	0	16	0.29	0.0	0	6.3	14	33	163	19	10	1,8	16	NW
28	84	66	75	-4	0	10	0.00	0.0	0	9.6	16	33	827	96	3		22	NW
29	87	65	76	-3	0	11	0.00	0.0	0	(7.0)	14	22	856	100	0		17	S
30	87	70	80	1	0	15	0.00	0.0	0	7.3	10	18	723	85	3		16	SE
31	91																	

Sur	1915	2211	0	(457)	5.34	0.8	177.2	15002	213
-----	------	------	---	-------	------	-----	-------	-------	-----

1-2	57.6	71.0	3.4	Fast	Dir.	Paul	7	6.7	Max (Ceph)
			Misc	-----	75	31	27873	58	846 54

Column 9 readings are taken at 2700
Column 17 Peak Wind is 8 P.M.

Preliminary Local Climatological Data (WS Form: F-)

Station: WSCMO, WASHINGTON NATIONAL.

Month: AUG

Year: 1992

Latitude

Longitude

+3851

+7702

Gnd Elev. 10 ft.

Std Time: EST

Temperature in Fahrenheit					Precip(in.)		Snow	Wind	Fastest 1-Min:	Sunshine	Sky	Peak Wind						
Columns																		
-1-	-2-	-3-	-4-	-5-	-6a-	-6b-	-7-	-8-	-9-	-10-	-11-	-12-	-13-	-14-	-15-	-16-	-17-	-18-
Day	Max	Min	Avg	Dep.	HDD	CDD	Water	Snow	Depth	Avg.	Speed	Dir	Mins.	TPSBL	SR-SS	Weather	Speed	Dir
1	88	64	72	-7	0	7	0.00	0.0	0	10.8	16	31	851	100	0		23	NW
2	82	62	72	-7	0	7	0.00	0.0	0	8.9	15	17	776	91	6		18	S
3	88	67	78	-1	0	13	0.00	0.0	0	8.7	16	18	698	82	4		18	S
4	85	67	76	-3	0	11	0.50	0.0	0	7.2	26	31	482	57	7	1,3	33	NW
5	81	62	72	-7	0	7	0.00	0.0	0	7.6	14	32	783	83	8		20	NW
6	81	63	72	-7	0	7	0.00	0.0	0	(6.4)	09	12	682	81	7		15	SE
7	83	63	73	-6	0	8	0.00	0.0	0	5.7	10	10	747	89	3	1	13	S
8	80	67	74	-5	0	9	T	0.0	0	10.3	15	10	123	15	10	8	21	S
9	89	73	81	2	0	16	0.01	0.0	0	(9.1)	17	18	584	60	5	1,8	24	N
10	91	70	81	3	0	16	0.00	0.0	0	7.8	10	34	773	93	1		16	N
11	93	70	82	4	0	17	0.55	T	0	(8.0)	26	32	398	48	5	1,3,5,8	44	NW
12	83	68	76	-2	0	11	0.00	0.0	0	(7.3)	14	32	597	72	10		20	NW
13	75	63	69	-9	0	4	0.50	0.0	0	(7.1)	12	82	0	0	18	1	15	N
14	77	63	70	-8	0	5	0.02	0.0	0	(7.7)	12	85	58	6	10	1	16	E
15	68	63	66	-12	0	1	0.43	0.0	0	(11.0)	15	81	0	0	18	1	20	N
16	71	62	67	-11	0	2	0.22	0.0	0	7.5	09	85	0	0	18	1	13	N
17	73	67	70	-8	0	5	0.05	0.0	0	6.7	10	84	0	0	18	1	12	N
18	63	68	76	-2	0	11	0.00	0.0	0	(4.7)	08	36	300	37	7	1	12	N
19	85	66	76	-1	0	11	0.00	0.0	0	(4.3)	14	33	566	70	3	1,8	21	NW
20	80	63	72	-5	0	7	T	0.0	0	(6.4)	10	33	647	80	8		16	N
21	32	59	71	-6	0	6	0.00	0.0	0	(3.1)	10	15	785	97	6		15	SE
22	79	64	72	-5	0	7	0.00	0.0	0	(4.4)	08	16	157	28	10	1,8	18	S
23	82	67	75	-2	0	10	0.00	0.0	0	5.7	12	10	447	56	9	1,8	14	E
24	83	63	73	-4	0	8	0.00	0.0	0	7.1	12	16	767	96	6	1,8	15	S
25	98	69	80	4	0	15	0.00	0.0	0	(6.4)	09	25	415	52	6	1,3,8	14	S
26	92	73	83	7	0	18	0.00	0.0	0	5.6	09	33	662	83	3	1,8	13	N
27	91	73	82	6	0	17	0.00	0.0	0	7.7	13	16	671	85	3	1,8	16	S
28	85	69	77	1	0	12	0.20	0.0	0	14.8	25	18	222	28	9	1,8	38	SE
29	76	60	68	-8	0	3	0.00	0.0	0	10.3	20	32	782	99	1		26	NW
30	80	56	68	-8	0	3	0.00	0.0	0	10.6	16	18	733	93	2		23	S
31	85	66	76	1	0	11	0.00	0.0	0	9.3	16	25	639	82	8		24	N

Sun 2553 2030 0 285 2.48 T - 237.4 15177 197

Avg 82.4 65.5 7.7 Fast Dir. Psbl % 6.4 Max (mph)
 Misc -----> 264 32 25356 68 044 NW

Notes:

Last of several occurrences

Column 9 readings are taken at 0700

Column 17 Peak Wind in M.P.H.

Summary Charts for 12/10/91, 1/14/92 and 4/21/92

WASHINGTON MONUMENT

12-10-91 SUMMARY CHART OF INTERIOR ENVIRONMENTAL CONDITIONS

Level	Air °F	RH %	Dew Point Temp °F	Stone Temp °F	Stone °F below (above) dewpoint	Stone Moisture %	Mortar Moisture %
480'	63.6	85	59	59.5	(.5)	0	35
450'	62.3	87	57	58.4	(1.4)	0	11
400'	62.8	90	60	57.2	.8	20	24
350'	59.0	95	56	52.8	3.2	24	28
300'	59.9	91	57	56.2	.8	24	30
250'	60.2	90	57	55.7	1.3	14	18
200'	58.9	90	56	57.6	(1.6)	0	12
130'	61.8	81	57	62.3	(5.3)	0	11
80'	65.0	76	57	64.4	(7.4)	0	0
10'	68.0	71	59	68.0	(9.0)	11	13

WASHINGTON MONUMENT1-14-92 SUMMARY CHART OF INTERIOR ENVIRONMENTAL CONDITIONS

Level	Air °F	RH %	Dew Point Temp °F	Stone Temp °F	Stone °F below (above) dewpoint	Stone Moisture %	Mortar Moisture %
480'	62.8	95%	62	56.7	5.3	12	12
450'	61.9	95%	61	53.7	7.3	15	20
400'	59.6	97%	59	51.8	7.2	20	24
350'	58.0	100%	58	50.7	6.3	24	24
300'	55.5	95%	54	52.0	2.0	24	40
250'	55.3	90%	52	52.8	(.8)	15	28
200'	56.9	97%	56.5	52.7	3.8	18	20
130'	56.9	95%	55	54.9	.1	0	14
80'	58.9	90%	56	56.4	(.4)	0	12
10'	61.5	70%	52	60.9	(8.9)	0	13

WASHINGTON MONUMENT4-21-92 SUMMARY CHART OF INTERIOR ENVIRONMENTAL CONDITIONS

Level	Air °F	RH %	Dew Point Temp °F	Stone Temp °F	Stone °F below (above) dewpoint	Stone Moisture %	Mortar Moisture %
480'	68.6	92%	62	65.6	(3.6)	0	0
450'	68.4	92%	67	62.6	4.4	12	20
400'	68.5	90%	66	63.0	3.0	15	18
350'	67.5	100%	67	62.9	4.1	12	12
300'	66.7	92%	65	63.4	1.6	14	28
250'	68.7	85%	64	65.8	(.8)	0	28
200'	69.2	93%	68	66.3	1.7	18	20
130'	68.8	90%	67	65.2	1.8	14	24
80'	68.7	92%	67	65.6	1.4	20	14
10'	70.4	90%	67	67.7	(.7)	16	28