BEST AVAILABLE RECORD

Form No. 1030—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

Monthly Meteorological Summary

WITH COMPARATIVE DATA

NEW YORK, N. Y. MONTH OF FEBRUARY, 1934

DATE	TEMPERATURE (Degrees Fahrenheit) Maximum	Minimum	Mean	Departure of Mean from Normal	Relative Humidity (Percent) 8 A. M.	12 Noon.	8 P. M.	PRECIPITATION (Inches) Total [Midnight to midnight]	Total [7 a. m. to 6 p. m.]	Snowfall [Midnight to midnight] ‡	Depth of Snow on Ground at 8 P. M. ‡	WIND § (Miles per hour) Average Velocity	Prevailing Direction	Maximum Velocity and Direction	SUNSHINE Sunrise* [Time and Character]	Sunset* [Time and Character]	Number of Hours	Percent of Possible	Cloudiness [Sunrise to Sunset, Scale, 0 to 10]
T 1	35	30	32	+ 2	66	94	100	.98	.36	9.6	6.5	14.0	sw	34— sw	7:07	5:13	0	0	10
F 2	31	11	21	− 9	60	39	32	0	0	0	9.0	21.2	nw	34— nw	7:06	5:14	9.7	96	4
S 3	23	4	14	−16	44	35	44	0	0	0	8.4	14.0	n	22— n	7:05	5:16	10.2	100	0
S 4	27	15	21	− 9	60	62	69	.01	.01	0.1	7.1	11.3	nw	28— nw	7:04	5:17	3.2	31	7
M 5	29	17	23	− 7	62	44	37	0	0	0	6.0	13.8	nw	25— nw	7:03	5:18	6.7	66	7
T 6	20	5	12	−18	54	40	42	0	0	0	5.5	15.9	n	27— n	7:02	5:19	8.9	86	1
W 7	31	13	22	− 8	55	64	68	T	T	T	5.0	15.4	sw	29— w	7:00	5:20	4.8	47	8
T 8	21	-7	7	−24	64	53	39	0	0	0	4.8	20.8	n	30— n	6:59	5:22	7.4	71	5
F 9	8	-14	-3	−34	50	34	36	0	0	0	4.7	21.4	n	32— nw	6:58	5:23	10.4	100	0
S 10	27	-2	12	−19	53	36	46	0	0	0	4.3	15.0	n	27— n	6:57	5:24	10.4	100	0
S 11	33	12	22	− 9	71	52	67	0	0	0	3.4	14.2	sw	22— sw	6:56	5:25	7.7	75	8
M 12	39	25	32	+ 1	75	56	60	T	0	T	2.5	7.0	sw-w	16— w	6:54	5:27	2.6	25	8
T 13	34	8	21	−10	95	47	33	.10	T	1.1	2.6	30.2	nw	50— nw	6:53	5:28	6.0	57	7
W 14	21	3	12	−19	50	35	37	0	0	0	2.4	15.0	nw	35— nw	6:52	5:29	10.6	100	0
T 15	41	21	31	0	83	63	64	0	0	0	1.9	10.9	sw	27— n	6:50	5:30	3.8	36	7
F 16	26	9	18	−13	49	49	55	0	0	0	1.4	12.6	n	23— n	6:49	5:31	8.3	78	9
S 17	28	9	18	−13	55	48	47	0	0	0	1.0	14.0	n	22— n	6:48	5:33	10.8	100	0
S 18	41	18	30	− 1	40	31	66	0	0	0	0.5	9.5	n	19— s	6:46	5:34	10.8	100	0
M 19	42	26	34	+ 2	81	64	95	.42	.09	5.8	1.6	11.4	s	23— n	6:45	5:35	4.1	38	8
T 20	27	9	18	−14	83	70	32	.24	T	3.4	8.6	28.5	nw	41— nw	6:44	5:36	4.1	38	8
W 21	35	10	22	−10	59	42	44	0	0	0	8.0	15.5	sw	26— nw	6:42	5:37	10.9	100	2
T 22	43	27	35	+ 3	80	67	98	.12	.01	0	6.0	8.1	sw	15— n	6:41	5:39	2.6	24	9
F 23	36	10	23	− 9	50	33	41	T	0	T	5.3	33.1	nw	51— nw	6:39	5:40	9.6	87	6
S 24	18	6	12	−20	53	41	48	0	0	0	4.7	25.9	nw	44— nw	6:38	5:41	11.0	100	1
S 25	21	9	15	−18	50	50	90	.32	.14	3.2	6.4	10.1	n	21— ne	6:36	5:42	0	0	10
M 26	25	13	19	−14	86	94	93	.61	.35	6.9	13.8	17.4	ne	34— nw	6:35	5:43	0	0	10
T 27	20	9	14	−19	57	42	46	0	0	0	13.4	26.2	nw	35— nw	6:34	5:44	11.2	100	2
W 28	27	7	17	−16	55	50	37	0	0	0	12.4	10.2	sw	21— nw	6:32	5:46	10.7	96	3
... ..	..	..	..	....	..	..	..	.....	.....	.....	.....	....	.....	.....	....	....	....	....	..
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Month	Mean 28.9	Mean 10.8	Mean 19.8	Blank	Mean 62	Mean 51	Mean 56	Total 2.80	Total 0.96	Total 30.1	Blank	Mean 16.5	Prev'ling n	Blank	Blank	Blank	Total 196.5	Mean 66	Mean 5.0
Normal	38.4	24.2	31.3	Blank	72	61	66	3.82	1.40	10.0	Blank	17.1	nw	Blank	Blank	Blank	Possible 298.2	59	5.8

ATMOSPHERIC PRESSURE
(Reduced to sea-level; inches)

Mean 30.15
Highest ..... 30.90 on the 28th
Lowest ..... 29.19 on the 13th
Highest recorded this month since 1882 ..... 31.00 on the 1st in 1920
Lowest recorded this month since 1882 ..... 28.70 on the 6th in 1896

TEMPERATURE

Highest ..... 43 on the 22d
Lowest ..... −14 on the 9th
Greatest daily range ..... 29 on the 10th
Least daily range ..... 5 on the 1st
Average daily deficiency this month as compared with normal 11.5
Accumulated deficiency since January 1st 214
Average daily deficiency since January 1st 3.6

MAXIMUM, MINIMUM AND MEAN TEMPERATURES THIS MONTH

1871	..	..	32	1893	54	4	30	1915	60	13	35
1872	58	10	30	1894	52	1	30	1916	61	1	28
1873	50	−4	29	1895	48	−3	25	1917	55	0	28
1874	69	4	31	1896	56	−6	30	1918	58	−7	30
1875	66	−1	23	1897	53	17	33	1919	51	16	35
1876	57	7	32	1898	60	5	33	1920	49	−3	29
1877	58	14	36	1899	50	−6	27	1921	63	11	35
1878	57	10	35	1900	58	4	32	1922	66	−2	34
1879	49	8	28	1901	42	12	26	1923	46	7	27
1880	65	10	36	1902	54	11	28	1924	46	9	29
1881	57	1	30	1903	62	2	34	1925	63	12	38
1882	62	18	36	1904	58	1	25	1926	50	8	29
1883	56	15	31	1905	46	4	25	1927	56	22	37
1884	61	2	35	1906	59	5	31	1928	55	6	33
1885	51	0	23	1907	44	1	24	1929	55	14	33
1886	56	−2	28	1908	56	1	28	1930	73	7	37
1887	63	17	34	1909	58	5	37	1931	55	12	34
1888	55	3	32	1910	59	2	31	1932	58	17	36
1889	50	2	28	1911	56	15	31	1933	63	10	34
1890	69	17	40	1912	58	−2	28	1934	45	−14	20
1891	61	13	38	1913	60	10	31	....	..	...	..
1892	51	12	33	1914	52	−2	25	....	..	...	..

WIND §

Total movement 11,104
Maximum velocity ..... 51-nw on the 23d
Direction from (percent.)

North	32	Southeast ...	3	West	7
Northeast ..	5	South	5	Northwest .	30
East	2	Southwest ..	16	Calm	¶

Maximum velocity this month since 1912 ..... 73-sw on the 22d in 1912

WEATHER
(Number of Days)

Clear (scale 0 to 3) 11
Partly cloudy (scale 4 to 7) 7
Cloudy (scale 8 to 10) 10
With 0.01 in. or more precipitation 8
With 0.25 in. or more precipitation 4

Average number of days this month since 1871
Clear 8
Partly cloudy 10
Cloudy 10
With .01 inch or more of precipitation 10
With .25 inch or more of precipitation 5

MISCELLANEOUS PHENOMENA
(Dates of)

Halos: Solar 8, 16, 21
Lunar 28
Haze 28
Sleet ..... None
Glaze ..... None
Dense fog 1
Thunderstorms ..... None

Frosts: [Not recorded before April 1, nor after the first killing in Autumn.]

Spring: 1933 — Last Light ..... April 28; Last Heavy ..... April 21; Last Killing ..... April 23
Autumn: 1933 — First Light ..... Oct. 6; First Heavy ..... Oct. 14; First Killing ..... Oct. 26

Average date last killing frost, Spring, April 11th
Latest date killing frost, Spring, April 30th, 1875
Average date first killing frost, Autumn, Nov. 6th
Earliest date first killing frost, Autumn, Oct. 15, 1876

PRECIPITATION

Greatest this month in 24 hours ..... 0.98 on the 1st
Greatest in 24 hours this month since 1871 ..... 3.25 on the 11-12th in 1886

Greatest this month in

5 min	.02 on 1st	30 min	.09 on 1st
10 min	.03 on 1st	1 hour ...	.16 on 1st
15 min	.05 on 1st	2 hours ...	.29 on 1st

Deficiency of this month as compared with the normal 1.02
Accumulated deficiency since January 1st 1.33
Greatest snowfall in 24 hours ..... 9.6 on the 1st
Greatest snowfall in 24 hours this month since 1885 ..... 17.8 on the 17-18th in 1893

TOTAL PRECIPITATION THIS MONTH

1871	3.86	1893	7.81	1915	5.03
1872	1.45	1894	5.15	1916	4.49
1873	1.73	1895	0.82	1917	1.70
1874	2.41	1896	5.50	1918	1.98
1875	3.23	1897	2.72	1919	3.45
1876	5.39	1898	4.06	1920	6.56
1877	1.67	1899	5.46	1921	4.90
1878	3.40	1900	5.16	1922	2.97
1879	2.74	1901	0.86	1923	2.33
1880	2.11	1902	5.78	1924	3.84
1881	5.06	1903	3.83	1925	1.92
1882	4.36	1904	2.18	1926	5.46
1883	4.58	1905	2.79	1927	3.33
1884	5.09	1906	2.57	1928	4.35
1885	6.09	1907	2.52	1929	4.30
1886	5.90	1908	5.36	1930	3.40
1887	5.26	1909	4.31	1931	2.44
1888	4.03	1910	4.07	1932	2.38
1889	3.07	1911	3.17	1933	2.98
1890	3.86	1912	2.06	1934	2.80
1891	4.96	1913	2.18	....	....
1892	1.27	1914	3.27	....	....

NOTE—"T", Trace { water, less than .01 inch. snow, less than 0.1 inch.
* Clear in light, cloudy in bold-face type. ¶Direction indeterminate. ‡Includes sleet.
§ All wind data reduced to approximately true velocities.

[Temperature, precipitation and wind in detail OVER]

J. H. Scarr.

BEST AVAILABLE RECORD

Form No. 1030—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

MONTHLY METEOROLOGICAL SUMMARY

WITH COMPARATIVE DATA

OF

NEW YORK, N. Y.

FOR

THE MONTH OF FEBRUARY, 1934

W B—N Y—3—2—34—4000.

ERRATA

January, 1934: Temperature, greatest daily range, 26 on the 29th.

Maximum wind velocity and direction—25 miles or more per hour

Date	A. M. 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	34- sw	32- sw	31- s	30- sw	31- s																			
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Date	A. M. 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1								25-nw	30-nw	32-nw	34-nw	27-nw	28-nw	30-nw	27-nw	27-nw	27-nw	26-nw	26-nw	25-nw	26-nw	28-nw	28-nw	28-nw
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February Hourly Temperatures 1934

Date	A. M. 1	2	3	4	5	6	7	8	9	10	11	12	P. M. 1	2	3	4	5	6	7	8	9	10	11	12
1	31	31	31	33	32	32	33	34	34	30	31	31	32	32	31	33	32	32	33	32	32	31	30	31
2	31	30	26	24	21	18	17	17	16	17	16	19	21	24	24	24	22	20	18	17	16	15	13	11
3	11	10	9	8	7	5	5	4	4	9	11	14	17	19	23	21	21	21	21	19	18	17	19	17
4	15	16	15	17	17	19	18	19	22	23	23	24	25	27	23	24	25	25	26	26	26	24	24	23
5	24	25	24	24	22	21	20	20	19	22	21	25	26	28	26	25	24	24	23	22	23	20	18	17
6	16	14	13	12	10	7	5	6	6	9	12	15	16	17	18	19	20	18	16	15	14	14	15	14
7	13	14	15	17	17	18	20	20	17	18	21	25	28	30	30	31	31	31	29	25	23	22	21	21
8	19	17	14	12	10	7	5	6	5	6	7	8	10	12	11	10	8	5	3	2	-2	-4	-6	-7
9	-8	-9	-11	-11	-12	-13	-14	-13	-10	-5	-2	2	3	4	6	8	7	6	5	5	4	3	2	2
10	2	0	0	0	-1	-2	-1	0	4	9	12	15	22	27	25	24	23	22	20	19	18	17	17	14
11	15	14	13	14	14	14	15	15	16	18	23	25	28	30	33	32	32	30	30	30	31	30	30	29
12	27	26	27	25	28	27	26	26	31	33	35	35	36	39	38	37	38	35	36	33	32	31	30	28
13	29	30	30	31	31	32	32	32	30	28	27	25	24	24	23	21	20	17	14	11	10	10	9	8
14	7	7	6	7	6	5	5	4	5	9	12	14	17	18	19	20	21	19	20	20	21	21	20	21
15	22	24	26	26	25	25	26	26	27	29	32	36	38	37	37	36	36	38	41	38	35	33	30	26
16	23	21	19	16	13	12	10	13	11	9	10	13	15	17	19	23	22	20	20	17	14	13	13	12
17	12	12	11	10	11	10	10	9	13	15	19	22	26	25	26	27	26	25	25	24	22	22	23	22
18	21	21	20	20	19	18	18	20	22	24	27	30	37	39	41	39	36	31	30	29	28	28	27	28
19	27	28	27	28	29	28	29	30	33	35	39	41	39	38	37	35	34	32	32	32	32	32	31	27
20	23	19	16	14	12	12	11	11	10	9	10	11	14	15	20	21	20	17	16	15	14	13	13	12
21	12	11	12	12	11	13	11	14	18	20	23	25	30	33	34	34	34	32	31	30	31	30	30	30
22	29	28	27	28	29	30	30	31	33	36	38	39	39	39	40	42	42	43	40	37	38	37	36	36
23	35	34	34	34	34	30	27	26	23	22	23	24	26	27	28	23	22	20	20	19	18	16	12	10
24	9	8	8	7	7	6	7	8	8	10	15	15	15	16	18	16	15	14	14	14	12	11	11	11
25	10	10	10	10	10	10	9	9	12	15	14	15	20	19	19	18	18	18	18	19	17	17	18	18
26	18	18	17	17	19	19	20	21	22	24	24	23	24	21	20	18	18	17	16	17	19	18	15	13
27	13	12	11	10	11	10	9	10	12	14	14	15	18	20	16	17	15	14	14	13	11	10	9	9
28	8	8	8	8	8	8	9	9	12	15	16	19	24	26	24	24	22	23	23	22	21	19	20	18
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Precipitation

Hourly Amounts

Date	Beginning	Ending	A. M. 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	8:30 a. m.	11:35 p. m.	....	....	....	....	....	....	....	....	°T	°T	°.01	°.03	°.03	°.03	°.03	°.04	°.07	°.12	°.14	°.15	°.13	°.12	°.06	°.02
4	8:05 a. m. 9:05 a. m.	8:20 a. m. 1:30 p. m.	....	....	....	....	....	....	....	....	°T	°T	°T	°T	°.01	°T	....	....	....	....	....	....	....	....	....	....
7	8:40 a. m. 4:45 p. m.	9:20 a. m. 5:10 p. m.	....	....	....	....	....	....	....	....	°T	°T	....	....	....	....	....	....	°T	°T	....	....	....	....	....	....
12	11:15 p. m.	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	°T
13	..... 7:05 a. m.	6:20 a. m. 8:53 a. m.	°.01	°.01	°.02	°.03	°.02	°.01	°T	°T	°T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
19	2:00 p. m.	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	°T	°.02	°.03	°.04	°.06	°.08	°.05	°.05	°.05	°.04
20	..... 9:20 a m.	8:45 a. m. 10:50 a. m.	°.09	°.04	°.03	°.04	°.02	°.01	°.01	°T	°T	°T	°T	....	....	....	....	....	....	....	....	....	....	....	....	....
22	3:40 p. m. 5:05 p. m.	4:05 p. m.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	.01	.05	.02	.02	.01	T.	.01
23	..... 8:15 p. m.	1:00 a. m. 9:25 p. m.	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	°T	°T	....	....
25	11:20 a. m.	.....	....	....	....	....	....	....	....	....	....	....	....	°T	°T	°.02	°.03	°.03	°.03	°.03	°.03	°.03	°.03	°.03	°.03	°.03
26	.....	11:00 p. m.	°.03	°.03	°.03	°.03	°.02	°.02	°.03	°.04	°.03	°.03	°.03	°.03	°.05	°.04	°.03	°.02	°.03	°.02	°.03	°.02	°.02	°T	°T	....

°Snow, or snow with rain.