

SUPERINTENDENT'S MONTHLY REPORT

FOR

DECEMBER, 1928

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YOSEMITE NATIONAL PARK

OFFICE OF THE SUPERINTENDENT

CALIFORNIA

January 5, 1929.

The Director
National Park Service
Washington, D. C.

Dear Mr. Director:

I am transmitting herewith report on Yosemite National Park for the month of December, 1928.

000 General

The mercury dropped as low as 10 degrees on the 16th and the weather generally was much colder than during December of last year. Weather conditions have never been more favorable for winter sports. Though there was no new fall of snow from the 14th of November until December 10, the low temperatures preserved the snow on the south side of the Valley, and the company and Government toboggan slides continued to operate. The total snowfall amounted to nine inches, and the total precipitation 3.63 inches.

100 Administration

110 Status of Work

All of the work has been kept up to date.

120 Park Inspections By:

121 Park Superintendent

Assistant Director (Field) Albright, Information Ranger Lloyd, and I visited Fresno on December 13 to attend a hearing on a fire near Sequoia National Park last August, at which the Park Service, Forest Service, and State forces were engaged in suppression. The State made complaint of lack of cooperation on the part of the National Park Service, but at the hearing it was clearly brought out that the Service had cooperated to the fullest extent and the State's complaints were unfounded. From the hearings, however, will come a better plan of organized action for the future.

A special meeting was held with representative citizens of Fresno on the Kings River project, and a movement was started to have this area added to Sequoia National Park.

While in Fresno we discussed with the San Joaquin Light and Power Corporation the question of their securing another option on the Cascade Tract to be traded for a corner of the park in the South Fork Canyon, which will be flooded if their proposed Wawona reservoir is built. The questions of relocation of roads across the reservoir site and the cost of building around the reservoir were discussed, also. The power company promised to submit their ideas of a satisfactory agreement to Assistant Director (Field) Albright.

* * * * *

Chief Clerk Conner left Yosemite on December 6 on an extended trip in connection with his duties as Supervisor of Field Accounts.

* * * * *

Mr. Albright made several trips to San Francisco. He left for Washington on December 29.

123 National Park Service Officials

C. Frank Brockman, Acting Park Naturalist of Mount Rainier, spent several days here. Col. Thomson of Crater Lake paid us a short visit.

130 Finance and Accounts

<u>Appropriation</u>	<u>Allotment</u>	<u>Expended & Obligated</u>	<u>Unencumbered Balance</u>
National Park Service, 1928-9	\$ 426,875.00	\$ 330,172.88	\$ 96,702.12
Roads and Trails, N.P.S.	1,711,052.43	1,403,590.94	307,461.49

140 Labor Situation

Personnel report shows a total of 102 employees on the payroll at the end of the month. There were 311-3/8 days of annual leave taken during the month.

A list of twenty employees heretofore carried on our per diem roll has been submitted to the Washington Office with recommendation that they be issued permanent Civil Service appointments.

170 Plans, Maps, and Surveys

The regular work of preparing plans, maps, and surveys was carried on during the month.

200 Maintenance, Improvements, and New Construction

210 Maintenance

Snow was removed from the roads on the floor of the Valley and they were kept in good condition. It was necessary to sand the El Portal Road practically every foot of the way from the park line to the Valley; and on some portions of the road, especially on grades, it was necessary to repeat the operation several times. No regular maintenance man was assigned to the care of the El Portal Road, as the amount of work to be done does not justify the expense. While there have been a number of rock slides, they have been small and in no case has it taken more than fifteen or twenty minutes to remove them.

Early season attempts by the company to keep the Wawona Road open to Inspiration Point, at least, have been abandoned. So far as the Park Service is concerned, we really are not prepared to go outside of the Valley in keeping roads open through the winter storms with the means at our disposal. No really satisfactory methods will be found, I believe, until our roads are rebuilt, widened, and hard surfaced.

Except for a few days after the heavy snowstorm in the middle of the month, the Big Oak Flat has been open as far as Gentry Station and is in fairly good condition, though no work has been done on it.

The new Champion blade snow plow received in the latter part of the month was hooked up with the 5-ton White oil distributor truck. It has been tried only once in a light, wet snow, but we feel sure that it will be satisfactory.

We believe a solution has been found to the snow removal problem on our foot paths. The small "20" Cletrac has been equipped with street plates of a type that does not tear up the pavement, and Master Mechanic Kottbauer has constructed a special five-foot blade snow plow patterned after the large Champion. So far we have had fine success in the use of this combination.

230 New Construction

Two Employees' Cottages: Carpentry has been completed on one house, excepting cabinet work in kitchen and railing on front porch and steps. The second residence is under cover, sub-sheeting has been placed on walls, and partition studding is in.

Bridalveil Creek Culvert: Work was completed on the new box culvert at Bridalveil Creek, and drains were opened and dikes built according to plan of A. B. Lewellen, engineer from the San Francisco office.

300 Public Service Contractors

Construction at Camp Curry has progressed nicely. All buildings are under cover and enclosed. Boilers and water filtration plans are installed. Grease trap has been built and buildings have been connected to main sewer system.

In Camp 17 the company has built a reinforced concrete bridge over Indian Creek and has erected four 3- and 4-stall garages. Two more community garages are under construction.

A very complete program of winter sports activities and entertainment was carried on during the period December 22 to New Year's Day. Plans were better laid and more extensive than any previous year. A printed program of events is attached to this report, for your information.

The company is sponsoring the organization of the "Yosemite Winter Club" among local residents and any interested outsiders. The objects of the club are the development of winter sports in Yosemite National Park, the improvement of winter sports facilities, the arrangement of competitions, and the awarding of suitable medals and prizes. Under the supervision of Mr. E. Des Baillets, winter sports director, the club will arrange competitions, skating carnivals, and gymkhana, and will support a club hockey team. The membership fees will be used to provide medals and prizes, to disseminate news regarding club activities, and in improving winter sports facilities. Mr. Stephen T. Mather is Honorary President, Mr. Horace Albright will be the Active President, and Governor Young and other prominent Californians are serving as officers.

The company has employed two fancy skating instructors, who arrived from Canada shortly before the holidays.

Frequent trips are being made up the Four-Mile Trail to Glacier Point by hiking parties. The caretakers at the mountain house are prepared to accommodate guests at any time.

400 Flora, Fauna, and Natural Phenomena

420 Museum Service

Complete report on educational activities is sent to the Washington Office through Chief Naturalist Hall.

Park Naturalist Russell is at present carrying on his studies in Chicago and Milwaukee, which will complete his tour of museums. He expects to return about the middle of January.

490 Miscellaneous

The Yosemite fish hatchery received a shipment of 165,000 Eastern Brook trout eggs on the 6th. The hatchery is now in operation again after being closed, except for show purposes, for about two months. Mr. Tabler, the hatchery foreman, has been doing some interesting work. He has kept close watch over the fish in the aquarium and keeps the females spawned. In this way, he has already collected quite a number of eggs. All of the eggs taken to date have been Eastern Brook, but the possibility of obtaining Golden trout eggs in the same manner is encouraging. While there are fewer Golden trout in the aquarium than any other species, they are so much larger that one could expect a fair number of eggs.

500 Use of Park Facilities by the Public

9,757 persons visited the park during December, as against a total of 6,990 for the same period last year. Total travel to date numbers 27,369, an increase of 21% over last year's figure of 22,642.

The following comparisons will give a clear idea of Yosemite's increasing popularity as a winter sports center:

	<u>1927</u>	<u>1928</u>
December 23	222 persons	680 persons
" 24	422	370
" 25	377	147
" 26	591	482
" 27	435	527
" 28	603	727
" 29	202	840
" 30	345	1525
" 31	780	800
	<u>3977</u> persons	<u>6098</u> persons

This year's holiday visitors were the best-behaved, happiest, and most enthusiastic crowd that we have ever had. With the variety of amusements and entertainment at their disposal, and their disposition to "do" everything, it was not a difficult task to keep them occupied. The company and Government skating rinks were crowded at all hours, and people swarmed around the two toboggan slides--the company's large toboggan and the Government's "can slide".

Interest in the "can slide" does not lag; there is always a crowd on hand at this particular spot. On week-ends five men (rangers and laborers) were required to keep up the slide in the day time and two or three rangers to distribute can lids and sign up the sliders in the evening. Two dozen specially-made cans have been received and were put in use over the holiday season to supplement the ordinary garbage can lids which had been in use before. A total of 58 usable cans are on hand, but

even with this great number the demands of the tourists could not be taken care of on more than one occasion. A system has been inaugurated by which each person who takes a can from the shed must sign for it. In this way we are able to keep a check on the cans, which last year disappeared in great numbers, and it is also possible to obtain statistics on the number of sliders. The following figures show the total number of persons who checked out cans throughout the holiday period:

December	23	382 persons
	24	220
	25	85
	26	226
	27	269
	28	540
	29	558
	30	750
	31	630
January	1	513
	2	489

In this connection, it might be mentioned that to date there has been expended by the Government on winter sports activities approximately \$1100 -- \$400 in November and \$700 in December. This covers salaries of laborers and the cost of new cans, but does not include the salaries of rangers employed on this work.

From every standpoint the busy week was a huge success. There was less evidence of liquor and there were no serious accidents.

540 Visitors

Mr. and Mrs. Scull of New York, accompanied by George C. Chase, Stuart Hilder, E. F. Birtten, and E. C. Walter, all of Orange, New Jersey, visited the park on December 9 and were conducted on a tour of the Valley and up the Big Oak Flat road in the official car.

E. F. Scattergood, Chief Electrical Engineer and General Manager, Bureau of Power and Light of the City of Los Angeles, visited the park early in the month.

600 Protection

610 Police Protection

James Rust was brought before the Commissioner on a charge of bootlegging. He was fined \$15.00 for possession and \$25.00 for transportation of liquor.

900 Miscellaneous

Medical Service

Dr. Hunt handled 164 cases, answering 195 office calls and 44 house calls, a total of 239 calls.

There was one birth and two deaths.

Timber Situation

Mr. Burnett Sanford, forester of the Sugar Pine Lumber Company, came into the office to discuss their logging operations for the 1929 season on the lands they have recently acquired from the Yosemite Lumber Company and the White and Friant Lumber Company. The company has expressed a willingness to cooperate with the National Park Service and other organizations interested in working out a plan by which the Government will be able to acquire the timber within the park and especially along road right-of-ways.

* * * * *

At auction of the Crane Flat and Gin Flat holdings of J. B. Curtin, the Yosemite Park and Curry Company's bid of \$20,000 was accepted tentatively. This acceptance is to be confirmed by court in January.

Publicity and Public Relations

Information Ranger Lloyd attended a meeting of the Lions Club of Chowchilla, California, on December 6, at the invitation of Mr. G. C. Dietrich, secretary of the organization, giving a talk on National Park Service activities and showing a reel of Yosemite winter pictures.

At the request of the California Development Association he visited the Patterson Chamber of Commerce on December 11 and outlined the work of the National Park Service and the California Development Association. At the conclusion of the meeting five prominent business men of the community were signed up as members of the Development Association.

On December 13 he accompanied Assistant Director Albright and the Acting Superintendent to Fresno, to attend the Sequoia National Park fire hearings. The following day we returned to Yosemite in company with the Regional Chairman and Committee Chairmen of the California Development Association. A luncheon was given for the party at The Ahwahnee, with Dr. Tresidder acting as host. He escorted the party back to Merced, stopping at Mariposa to attend a meeting of the Mariposa County Chamber of Commerce.

Mr. Lloyd attended the regular monthly meeting of the San Joaquin Chapter of the Hotel Greeters of America in Merced on December 15. A resolution was introduced and unanimously passed favoring Yosemite as the location for the 1932 Olympic winter sport games.

At the request of Assistant Director (Field) Albright, Mr. Lloyd attended the meeting of the Big Oak Flat Highway Association in Stockton on December 21. Arthur H. Patterson of Stockton was elected president of the organization, and A. M. Robertson was reelected secretary. A letter from Assistant Director (Field) Albright was read by Mr. Lloyd, in which he informed the association that no work was contemplated by the National Park Service on the new Big Oak Flat Road in 1929 but a promise was made, instead, to improve the present Big Oak Flat early in the spring of 1929.

O. E. Darling, Jr., with Movietone Newsreel cameramen, came into the park on December 26 to take pictures of winter sports activities.

In addition to many pictures supplied to various newspapers, a full page of Yosemite pictures appeared in the rotogravure section of the San Francisco Chronicle on December 30. This should go far toward boosting winter travel to the park.

Very truly yours,

E. P. Leavitt
Acting Superintendent

RW

cc Mr. Albright
Mr. Kittredge

Tentative Program
**Christmas, New Year
and Winter Sports**
IN
Yosemite National Park
SEASON 1928 .. 1929



Yosemite Park and Curry Co.
with the cooperation of
Yosemite Winter Club

Saturday, Dec. 22

- 9.30 a.m. Skating on Club Rink
- 2.00 p.m. Ski instruction
- 8.00 p.m. Sleigh ride, Tobogganing, Skating Orchestra and Dance at The Ahwahnee and Yosemite Lodge

Sunday, Dec. 23

- 10.00 a.m. Ski instruction Skating
- 2.00 p.m. Skating races, Figure Skating Exhibition
- 8.00 p.m. Snowshoe and Ski trip, Tobogganing, Skating Concert Trio at The Ahwahnee, Motion Pictures in Old Village. Entertainment at Yosemite Lodge

Monday, Dec. 24

- 10.00 a.m. Hare and Hounds Ski or Snowshoe Races
- 4.00 p.m. Yule Log Hunt
- 7.30 p.m. Santa Claus and Xmas Tree at The Ahwahnee and Yosemite Lodge
- 8.30 p.m. Village Carolers, Trio at The Ahwahnee, Entertainment at Yosemite Lodge, Tobogganing and Skating
- 9.00 p.m. Dancing at The Ahwahnee and Yosemite Lodge, Firefall

Tuesday, Dec. 25

- 10.30 a.m. Skating Gymkhana
- 2.00 p.m. Snow Figure Contest
- 7.00 p.m. Bracebridge Hall Dinner at The Ahwahnee. Xmas Dinner at Yosemite Lodge
- 8.00 p.m. Tobogganing and Skating
- 9.00 p.m. Dancing at The Ahwahnee and Yosemite Lodge
- 10.00 p.m. Firefall

Wednesday, Dec. 26

- 10.00 a.m. Ski instruction
- 2.00 p.m. Snowshoe Races, Baseball on Snowshoes
- 8.00 p.m. Sleigh Ride, Tobogganing and Skating. Trio at The Ahwahnee, Entertainment at Yosemite Lodge
- 9.00 p.m. Dancing at The Ahwahnee and Yosemite Lodge

Thursday, Dec. 27

- 10.00 a.m. Hare and Hounds Ski and Snowshoe Races
- Skating Races and Figure Skating Exhibition
- 8.00 p.m. Ski and Snowshoe Trip Tobogganing and Skating, Trio at The Ahwahnee, Entertainment at Yosemite Lodge, Motion Pictures at Old Village
- 9.00 p.m. Dancing at The Ahwahnee and Yosemite Lodge

Friday, Dec. 28

- 10.00 a.m. Ski Races
- 2.00 p.m. Ski instruction
- 8.00 p.m. Tobogganing and Skating
- 9.00 p.m. Fashion Show--Winter Sport's Apparel
- Dancing at The Ahwahnee and Yosemite Lodge

Saturday, Dec. 29

- 10.00 a.m. Ski instruction
- 2.00 p.m. Baseball on Snowshoes
- 9.00 p.m. Ice Skating Costume Carnival
- Dancing at The Ahwahnee and Yosemite Lodge

Sunday, Dec. 30

- 10.30 a.m. Skating Gymkhana
- 3.30 p.m. Figure Skating Exhibition
Hockey Game
- 8.00 p.m. Tobogganing and Skating,
Concert by Bohemian Club
Singers at The Ahwahnee,
Motion Pictures--Old Village

Monday, Dec. 31

- 10.00 a.m. Hare and Hounds Ski and
Snowshoe Races
- 11.30 a.m. Figure Skating Exhibition
- 2.00 p.m. Ski-joring Races and
Rangers' Horse Race
- 4.00 p.m. Mistletoe Search
- 7.00 p.m. New Year's Eve Dinner at The
Ahwahnee and Yosemite Lodge
- 8.00 p.m. Tobogganing and Skating
- 9.00 p.m. Dancing at The Ahwahnee
and Yosemite Lodge
- 12.00 m. Carols Firefall

Tuesday, Jan. 1, 1929

- 11.00 a.m. Figure Skating Exhibition
- 2.00 p.m. Ski and Snowshoe Races
- 8.00 p.m. Sleigh Ride, Tobogganing
and Skating
- 9.00 p.m. Dancing at The Ahwahnee
and Yosemite Lodge

Special parties can be arranged at any time, on request, for snowshoe and ski trips up the four-mile trail to Glacier Point, escorted by a Swiss guide. Meals and accommodations available at the Glacier Point Mountain House.



10-15'

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

..... National Park for the Month of

Yosemite**December, 1928**

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry						
Cars reentry	1,451	3,711	1,038	3,190	521	16
Motorcycles	1,332	4,655	956	3,570	1,085	30
Total motor vehicles	8	24	2	12	12	100
Persons entering via motor vehicles	2,791	8,390	1,996	6,772	1,618	24
Persons entering via other private transportation	9,204	25,341	6,370	20,605	4,736	23
Total persons entering via private transportation	-	2	4	29	- 27	- 93
	9,204	25,343	6,374	20,634	4,709	23
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages ..						
Persons entering via trains ..	252	1,113	308	1,281	- 168	- 13
Persons entering otherwise	301	913	308	727	186	26
Total other transportation.						
GRAND TOTAL ALL VISITORS	553	2,026	616	2,008	18	89
	9,757	27,369	6,990	22,642	4,727	21

	This Year	Last Year	Increase	
			Number	Percent

Automobiles in public camps during month

Campers in public camps during month

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yosemite National Park for the Month of December, 1928

	This Month	This Month Last Year
Number of employees beginning of month,	112	103
Number of additions,	3	3
Total,	115	106
Number of separations,	13	11
Number of employees close of month, . .	102	95
Number of promotions during month	0	0
Aggregate amount of annual leave taken,	311-3/8	191-7/8 days
Aggregate amount of sick leave taken,	19 1/2	10
Aggregate amount of leave without pay,	16	44

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yosemite

December 1928

National Park for the Month of

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
Current generated,	147615	2921530	748045	3387210	-465680	- 14
Sold to park operators, . . .		795394	325856	1647478	-852084	- 52
Sold to others,	1400	1340600	51600	378490	+962110	+ 25
Furnished to other Governmental agencies,	16140	41089	20571	39294	+ 1795	+ 5
Used by National Park Service, lost in transit, etc., . . .	130075	744447	350018	1321948	- 577501	- 44
Total current generated, . .	147615	2921530	748045	3387210	- 465680	- 14

Amount receivable from the sale of electricity, \$

* Indicated by K. W. H.

Purchased from San Joaquin Light and Power Corp.

534921 11/16 to 12/14

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Yosemite National Park for the Month of December 1928

	This Month	This Month Last Year	Increase	Percent Increase
<u>LOCAL BUSINESS</u> 1927				
Miles of circuit maintained,	179	170	9	5
No. of telephones connected,	222	220	2	1
No. of measured service calls,	213	150	63	42
No. of other local calls,	30713	25879	4834	18.6
Total No. of local calls,	30926	26029	4897	18.8
Peak load in calls per day,	1853	1692	161	9.5
Receipts from measured service calls,	11.05	13.75	- 2.70	- 20
" " coin boxes,	1.60	0	1.60	160
" " telephone rental,	489.05	374.30	114.75	31
TOTAL RECEIPTS	601.70	388.05	213.65	29
 <u>LONG DISTANCE BUSINESS</u>				
No. Outbound calls,	466	368	98	27
No. Inbound calls,	353	309	44	14
TOTAL LONG DISTANCE CALLS	819	677	142	21
Peak load in calls per day,	83	86	- 3	- 3
Receipts from Long Distance business,	229.32	189.56	39.76	21
 <u>TELEGRAPH BUSINESS</u>				
Messages via Western Union,	1528	1319	209	16
Messages via	48	28	20	71
TOTAL MESSAGES	1576	1347	229	17
Receipts from telegraph business,	384.15	347.83	36.32	10
No. of money transfer messages,20	21	- 1	0
" " " " receipts,	12.47	16.81	-4.34	25
TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS	1127.64	942.25	185.39	20

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yosemite National Park for the Month of December, 1928

	This Year	Last Year
Park revenue on hand beginning of month,	\$ 61.88	
Received,	8,881.12	
Total,	\$ 8,943.00	
Remitted,	\$ 8,888.61	
On hand close of month,	54.39	

Park revenues received this year to date, \$ 125,845.97

Park revenues received last year to date, 153,615.88

~~Increase~~ ~~Decrease~~ 27,769.91

Percent of ~~increase~~ ~~decrease~~ 18%

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

December, 1928.

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	6,045	\$ 624.45
Received during month,	-	-
Total,	6,045	\$ 624.45
Sold during month,	-	-
On hand at close of month,	6,045	\$ 624.45
<u>NON-GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,		
Received during month,		
Total,		
Sold during month,		
On hand at close of month,		
Cash on hand beginning of month,		\$ 981.70
Sales during month,		-
Total,		\$ 981.70
Remitted during month,		-
Balance,		\$ 981.70

U. S. Department of Agriculture, Weather Bureau.

MONTHLY SUMMARY.

TEMPERATURE.

COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD:

Month of December, 1928; Station, YosemiteCounty, MariposaState, California; Latitude, 31; Longitude, 119; Time used on this form, P.m.Hour of Observation, 4 P.m.

DATE.	TEMPERATURE.			PRECIPITATION.					CHARACTER OF DAY, SUNRISE TO SUNSET.	MISCELLANEOUS PHENOMENA.
	MAX. WIND.	MIN. WIND.	RANGE.	* SET MAX.	TIME OF BEGINNING, OR ENDING.	TIME OF ENDING.	AMOUNT.	SNOWFALL, IN INCHES.	DEPTH OF SNOW, ON GROUND AT OBSERVATION.	PREVAILING WIND DIRECTION.
1	53	22	31							P, Cloudy
2	46	23	33	5:50 pm						Cloudy
3	50	33	17		4 am		.85			P, Cloudy
4	51	33	18							Clear
5	51	30	21							"
6	53	22	31							"
7	52	24	28							"
8	57	25	32							Cloudy
9	54	25	29	8:45 am			.70	5"	5"	Commenced snowing 3 pm
10	41	23	18		1 am		.28			Clear
11	37	19	18	11 am	DN		.20	4"	9"	Cloudy
12	43	21	22	10 am			Trace			Clear
13	37	15	22						7"	"
14	36	15	21							"
15	37	10	27							"
16	43	11	32							"
17	42	17	31							"
18	43	17	26						6"	"
19	41	12	29							"
20	44	22	22							"
21	46	24	22.2							"
22	47	23	24							P, Cloudy
23	45	19	26	6 pm						"
24	50	33	17		4 am		1.04			Clear
25	48	30	18							P, Cloudy
26	50	25	25	8 pm						"
27	56	32	24		DN		.56			Clear
28	55	29	26							"
29	56	25	31							"
30	50	26	24						2"	"
31										
SUN										

* Reading of maximum thermometer immediately after setting.

† Including rain, hail, sleet, and melted snow.

‡ Thunderstorms, halos, auroras, etc.

(ON TRIPLICATE.)

See cover for instructions.

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Post-Office address,

Cooperative Observer.

Mean maximum, 47.39Mean minimum, 22.68Mean, 35.03Maximum, 57; date, 9thMinimum, 10; date, 16thGreatest daily range, 35 on 2nd

PRECIPITATION.

Total, 3.63 inches.Greatest in 24 hours, 1.04; date, 25

SNOW.

Total snowfall, 9 inches; on ground 15th, 7 inches;at end of month, 2 inches.

NUMBER OF DAYS—

With .01 inch or more precipitation, 6Clear, 20; partly cloudy, 6; cloudy, 5

DATES OF—

Killing frost,

Thunderstorms,

Hail,

Sleet,

Auroras,

REMARKS:

Maximum thermometer broken 28th