

MEMORANDUM
OF
KODAK
EXPOSURES.

*For use with Nos. 2, 3, 4, 5 and 6
Kodaks.*

TEAR OFF THIS SLIP AND USE IT TO
DIRECT YOUR PACKAGE TO
THE COMPANY.

From

To
Eastman Kodak Company,
Rochester,
N. Y.

MEMORANDUM

OF

KODAK

EXPOSURES.

By

STOPS.

1. *The Largest*—For all ordinary instantaneous exposures when the sun shines. With Bausch & Lomb shutter, use No. 8.
2. *The Middle*—For instantaneous exposures when the sun light is unusually strong and there are no heavy shadows; such as in views on the seashore or on the water, or in tropical or semi-tropical climates; also for interiors (time exposures, the time of exposure required is given on next page). With Bausch & Lomb shutter use No. 16.
10. *The Smallest*—For cap exposures out-doors in cloudy weather. *Never for instantaneous exposures.* The time required for time exposures on cloudy days with smallest stop will range from $\frac{1}{2}$ second to 5 seconds, according to the light. With Bausch & Lomb shutter use No. 32.

When setting the stops always see that the one to be used is brought to the centre of the lens where it catches.

Time Needed for Interior Exposures.

This table is for use with second largest stop, (with Bausch & Lomb shutter, No. 16). If the largest stop be used, give half the time of table. If the third largest be used double the time.

White walls and more than one window :

bright sun outside, 4 seconds,
hazy sun, 10 seconds,
cloudy bright, 20 seconds,
cloudy dull, 40 seconds.

White walls and only one window :

bright sun outside, 6 seconds,
hazy sun, 15 seconds,
cloudy bright, 30 seconds,
cloudy dull, 60 seconds.

Medium colored walls and hangings, and more than one window :

bright sun outside, 8 seconds,
hazy sun, 20 seconds,
cloudy bright, 40 seconds,
cloudy dull, 80 seconds.

Medium colored walls and hangings, and only one window :

bright sun outside, 12 seconds,
hazy sun, 30 seconds,
cloudy bright, 60 seconds,
cloudy dull, 120 seconds.

Dark colored walls and hangings, and more than one window :

bright sun outside, 20 seconds,
hazy sun, 40 seconds,
cloudy bright, 80 seconds,
cloudy dull, 2 minutes 40 seconds.

Dark colored walls and hangings, and only one window :

bright sun outside, 40 seconds,
hazy sun, 80 seconds,
cloudy bright, 2 minutes 40 seconds,
cloudy dull, 5 minutes 20 seconds.

Time Exposures in the Open Air.

With Sunshine—The cap can hardly be taken off and replaced quick enough to avoid over-exposure.

With Light Clouds—From $\frac{1}{2}$ to 1 second will be sufficient.

With Heavy Clouds—From 2 to 5 seconds will be required.

THIS Memorandum should be filled out and kept by the user of the KODAK, as a guide for future exposures. By comparing the results with the Memorandum many errors in regard to light, time for interiors, position, etc., can be avoided, and the novice will be able to make as good an average as the most expert.

Specimens Showing Proper Way to
Fill Out the Blanks.

Large Date, July 4th, 1888.	{	- A. M.	1
		2 P. M.	
Subject, Sail Boat,			INST. EXP.
			Irondequoit Bay.
Distance, 50 feet.	Bright Sun.	Cloudy, bright.	TIME. EXP.
Time, - m. - s.	Hazy Sun.	Cloudy, dull.	
2d. Date, July 5th, 1888.	{	10 A. M.	2
		- P. M.	
Subject, Library, three windows, dark walls, residence E. O. Sage,			INST. EXP.
			Rochester.
Distance, - feet.	Bright Sun.	Cloudy, bright.	TIME. EXP.
Time, - m. 40 s.	Hazy Sun.	Cloudy, dull.	

Distance refers to principal object or figure in foreground.

Brilliant instantaneous pictures can only be made in clear sunlight. If made in hazy sunlight they will be flat and dull. They cannot be made at all in cloudy weather.

Definition of Terms Referring to Light.

Bright Sun.—Perfectly clear.

Hazy Sun.—Sun casts faint shadow.

Cloudy, Bright.—Fleecy clouds.

Cloudy, Dull.—Dull, but not rainy or dark.

1	Date, 8/25 1895	{	A. M.	
			12.30 P. M.	
INST. EXP.	Subject, Old Comaunt			2
	Meeting house near Jamistown			
	Cousin Bill Weston in foreground			
TIME. EXP.	Distance, 6 feet.	Bright Sun.	Cloudy, bright.	
	Time, m. s.	Hazy Sun.	Cloudy, dull.	
2	Date, 8/25 1895	{	A. M.	
			12.30 P. M.	
INST. EXP.	Subject, Same as last			2
	Boat in doorway			
TIME. EXP.	Distance, 10 feet.	Bright Sun.	Cloudy, bright.	
	Time, m. s.	Hazy Sun.	Cloudy, dull.	
3	Date, 8/25 1895	{	A. M.	
			12.40 P. M.	
INST. EXP.	Subject, Windmill on Canal			2
	animal Id. near meeting house			
TIME. EXP.	Distance, 10 feet.	Bright Sun.	Cloudy, bright.	
	Time, m. s.	Hazy Sun.	Cloudy, dull.	
4	Date, 8/25 1895	{	A. M.	
			3 P. M.	
INST. EXP.	Subject, Old house on Lake Bay			2
	Meeting house, Cousin Bill & Kel Weston			
	Belle, Edith, Morris, Beas & self			
TIME. EXP.	Distance, 10 feet.	Bright Sun.	Cloudy, bright.	
	Time, m. s.	Hazy Sun.	Cloudy, dull.	
5	Date, 8/25 1895	{	A. M.	
			3.10 P. M.	
INST. EXP.	Subject, Fred & Strawbridge's baby			2
	(Clayton W. Strawbridge) on track near Bay Voyage House.			
TIME. EXP.	Distance, 15 feet.	Bright Sun.	Cloudy, bright.	
	Time, m. s.	Hazy Sun.	Cloudy, dull.	

8/25 1895.
Fred Strawbridge
cut from "Marguerite"

②	Date, 8/27 1895 { 8.30 A. M. P. M. } 6	INST. EXP.	Subject, Jamestown from 2nd story of Bay Voyage House.
	Distance, 100 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
②	Date, 9/4 1895 { 9.30 A. M. P. M. } 7	INST. EXP.	Subject, Pond "Cricket" Miss A. Day, Morristown, N.J. + 3 little cousins in cart.
	Distance, 20 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
②	Date, 9/4 1895 { A. M. 4.30 P. M. } 8	INST. EXP.	Subject, Wash. Mahant. Wagon to W. K. Vanderbilt. From Clothier's boat "Marie".
	Distance, feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
①	Date, 9/4 1895 { A. M. 6.10 P. M. } 9	INST. EXP.	Subject, St. Subran Shore from Clothier's boat. The Marie under? <i>at Summit</i>
	Distance, 100 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
②	Date, 9/5 1895 { 9.30 A. M. P. M. } 10	INST. EXP.	Subject, Manistee County + Edith. <i>Wister on wall of Bay Voyage Champlin Ho. in background. 1st house</i>
	Distance, 18 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	

11	Date, 9/5 1895 { 10.40 A. M. P. M. } ②	INST. EXP.	Subject, Newhall's Cottage + Bay, from near Cos. Edw. Ogden's. <i>Bets. in foreground.</i>
	Distance, 10 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
12	Date, 9/5 1895 { 12 A. M. P. M. } ②	INST. EXP.	Subject, Fort Drumpling from Mr. Clothiers.
	Distance, 10 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
13	Date, 9/5 1895 { A. M. 12.40 P. M. } ②	INST. EXP.	Subject, Old Fort Drumpling from Mr. Clothiers porch. <i>boat in bay</i>
	Distance, 10 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
14	Date, 9/9 1895 { 8 A. M. P. M. } ①	INST. EXP.	Subject, Geo. Morris' new house at Clary from S. corner. Roof just on. <i>(over?)</i>
	Distance, 100 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	
15	Date, 9/10 1895 { 8 A. M. P. M. } ②	INST. EXP.	Subject, Same house from E. corner. <i>Uncle Saml. + Hannah in both. (under)</i>
	Distance, 100 feet. Bright Sun. Cloudy, bright. Time, m. s. Hazy Sun. Cloudy, dull.	TIME. EXP.	

Date, 9/26 1895 { 9:10 A. M. 16
P. M.

Subject, Old Iron foundry
at Alliance, from steps of
Office Bess + Iron foundry in foreground.

Distance, 10 feet. Bright Sun. Cloudy, bright. TIME.
Time, m. s. Hazy Sun. Cloudy, dull. Exp.

Date, 9/26 1895 { 9. A. M. 17
P. M.

① Subject, Two ruinous houses at Alliance
by church. Houses on slope.
Bess in foreground.

Distance, 10 feet. Bright Sun. Cloudy, bright. TIME.
Time, m. s. Hazy Sun. Cloudy, dull. Exp.

Date, 9/26 1895 { 9. A. M. 18
P. M.

① Subject, One of above houses
Upright. House in street.

Distance, 10 feet. Bright Sun. Cloudy, bright. TIME.
Time, m. s. Hazy Sun. Cloudy, dull. Exp.

Date, 9/26 1895 { 9:30 A. M. 19
P. M.

① Subject, Bess + tree from "side"
on bank of river at Alliance
(Under?)

Distance, 10 feet. Bright Sun. Cloudy, bright. TIME.
Time, m. s. Hazy Sun. Cloudy, dull. Exp.

Date, 10/6 1895 { A. M. 20
P. M.

① Subject, Father picking apples
from tree at near gate at
Bea Gut. End of his crop. 20 apples.

Distance, 12 feet. Bright Sun. Cloudy, bright. TIME.
Time, m. s. Hazy Sun. Cloudy, dull. Exp.

21 Date, 10/6 1895 { A. M.
P. M.

INST. Subject, Father + Mother picking
Exp. apples at near gate at
"Bea Gut" (Over?)

TIME. Distance, 2 feet. Bright Sun. Cloudy, bright.
Exp. Time, m. s. Hazy Sun. Cloudy, dull.

22 Date, 10/6 1895 { A. M.
P. M.

INST. Subject, View of cottage from
Exp. back gate of Bea Gut
bath. Overhauled?

TIME. Distance, 10 feet. Bright Sun. Cloudy, bright.
Exp. Time, m. s. Hazy Sun. Cloudy, dull.

23 Date, 10/7 1895 { A. M.
P. M.

INST. Subject, The Mannatis + Pope cottage
Exp. + purchased by Father 8/11/95.
From S.E. Sam Huxley + Whittaker

TIME. Distance, 10 feet. Bright Sun. Cloudy, bright.
Exp. Time, m. s. Hazy Sun. Cloudy, dull.

24 Date, 10/7 1895 { A. M.
P. M.

INST. Subject, Same as last
Exp. Upright.

TIME. Distance, 10 feet. Bright Sun. Cloudy, bright.
Exp. Time, m. s. Hazy Sun. Cloudy, dull.

25 Date, 10/7 1895 { A. M.
P. M.

INST. Subject, Same cottage
Exp. from N.E.
Painters almost done work.

TIME. Distance, 10 feet. Bright Sun. Cloudy, bright.
Exp. Time, m. s. Hazy Sun. Cloudy, dull.

	Date, ^{10/7} 1895 { 6.30 P. M. } 26	A. M.	INST.
①	Subject, <i>Rear of V.P. cottage</i>	1.30 P. M.	EXP.
	<i>now owned by Father. To this</i>		
	<i>standing by little house, in back</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, ^{10/6} 1895 { } 27	A. M.	INST.
①	Subject, <i>Identically the same</i>	1.30 P. M.	EXP.
	<i>as last.</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, ^{10/10} 1895 { 4 P. M. } 28	A. M.	INST.
②	Subject, <i>Road near Albury</i>	1.30 P. M.	EXP.
	<i>village.</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, ^{10/10} 1895 { 4.30 P. M. } 29	A. M.	INST.
②	Subject, <i>Anna A. M...</i>	1.30 P. M.	EXP.
	<i>with wheel by road</i>		
	<i>near Huntingdon Valley</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, ^{11/21} 1895 { 12.40 P. M. } 30	A. M.	INST.
②	Subject, <i>Dr. Green & Wister's</i>	1.30 P. M.	EXP.
	<i>lawn</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	

	Date, ^{11/21} 1895 { } 31	A. M.	INST.
	Subject, <i>Rubens in Laker Road</i>	12.45 P. M.	EXP.
	<i>Katerson Laker Sta. + Olney.</i>		
	<i>my bicycle in rest.</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, ^{11/21} 1895 { } 32	A. M.	INST.
	Subject, <i>Gen. S. Morris new house</i>	1.30 P. M.	EXP.
	<i>from W. (toward old house)</i>		
	<i>Compare #14</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, ^{11/21} 1895 { } 33	A. M.	INST.
	Subject, <i>Gen. S. Morris new</i>	1.05 P. M.	EXP.
	<i>house from South. Torch King</i>		
	<i>hill up. Man painting roof</i>		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, 18 { } 34	A. M.	INST.
	Subject,	1.30 P. M.	EXP.
		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	
	Date, 18 { } 35	A. M.	INST.
	Subject,	1.30 P. M.	EXP.
		
	Distance, ¹⁰ feet. Bright Sun. Cloudy, bright.	TIME.	
	Time, m. s. Hazy Sun. Cloudy, dull.	EXP.	

Date, 18	}		A. M.	36
			P. M.	
Subject,	INST. Exp.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.	
Date, 18	}		A. M.	37
			P. M.	
Subject,	INST. Exp.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.	
Date, 18	}		A. M.	38
			P. M.	
Subject,	INST. Exp.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.	
Date, 18	}		A. M.	39
			P. M.	
Subject,	INST. Exp.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.	
Date, 18	}		A. M.	40
			P. M.	
Subject,	INST. Exp.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.	

41 Date, 18	}		A. M.
			P. M.
INST. Subject,	Exp.		
TIME. Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Exp. Time, m. s.	Hazy Sun.	Cloudy, dull.	
42 Date, 18	}		A. M.
			P. M.
INST. Subject,	Exp.		
TIME. Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Exp. Time, m. s.	Hazy Sun.	Cloudy, dull.	
43 Date, 18	}		A. M.
			P. M.
INST. Subject,	Exp.		
TIME. Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Exp. Time, m. s.	Hazy Sun.	Cloudy, dull.	
44 Date, 18	}		A. M.
			P. M.
INST. Subject,	Exp.		
TIME. Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Exp. Time, m. s.	Hazy Sun.	Cloudy, dull.	
45 Date, 18	}		A. M.
			P. M.
INST. Subject,	Exp.		
TIME. Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Exp. Time, m. s.	Hazy Sun.	Cloudy, dull.	

Date,.....	18	}	A. M.	46
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	47
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	^{5/9} 1896	}	A. M.	48
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	49
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	50
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	

Date,.....	18	}	A. M.	51
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	52
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	53
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	54
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	
Date,.....	18	}	A. M.	55
			P. M.	
Subject,.....	INST. EXP.			
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.	
Time, m. s.	Hazy Sun.	Cloudy, dull.	EXP.	

Date,.....18	{	A. M.	56
		P. M.	
Subject,.....		INST.	
		Exp.	
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.
Date,.....18	{	A. M.	57
		P. M.	
Subject,.....		INST.	
		Exp.	
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.
Date,.....18	{	A. M.	58
		P. M.	
Subject,.....		INST.	
		Exp.	
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.
Date,.....18	{	A. M.	59
		P. M.	
Subject,.....		INST.	
		Exp.	
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.
Date,.....18	{	A. M.	60
		P. M.	
Subject,.....		INST.	
		Exp.	
Distance, feet.	Bright Sun.	Cloudy, bright.	TIME.
Time, m. s.	Hazy Sun.	Cloudy, dull.	Exp.

61	Date,.....18	{	A. M.
			P. M.
INST.	Subject,.....		
Exp.			
TIME.	Distance, feet.	Bright Sun.	Cloudy, bright.
Exp.	Time, m. s.	Hazy Sun.	Cloudy, dull.
62	Date,.....18	{	A. M.
			P. M.
INST.	Subject,.....		
Exp.			
TIME.	Distance, feet.	Bright Sun.	Cloudy, bright.
Exp.	Time, m. s.	Hazy Sun.	Cloudy, dull.
63	Date,.....18	{	A. M.
			P. M.
INST.	Subject,.....		
Exp.			
TIME.	Distance, feet.	Bright Sun.	Cloudy, bright.
Exp.	Time, m. s.	Hazy Sun.	Cloudy, dull.
64	Date,.....18	{	A. M.
			P. M.
INST.	Subject,.....		
Exp.			
TIME.	Distance, feet.	Bright Sun.	Cloudy Bright.
Exp.	Time, m. s.	Hazy Sun.	Cloudy, dull.
65	Date,.....18	{	A. M.
			P. M.
INST.	Subject,.....		
Exp.			
TIME.	Distance, feet.	Bright Sun.	Cloudy bright.
Exp.	Time, m. s.	Hazy Sun.	Cloudy, dull.

Date,.....18	}		A. M.	66
			P. M.	
Subject,.....	INST. Exp.			
TIME.				
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.	
Time, m. s.	Hazy Sun.	Cloudy, dull.		
Date,.....18	}		A. M.	67
			P. M.	
Subject,.....	INST. Exp.			
TIME.				
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.	
Time, m. s.	Hazy Sun.	Cloudy, dull.		
Date,.....18	}		A. M.	68
			P. M.	
Subject,.....	INST. Exp.			
TIME.				
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.	
Time, m. s.	Hazy Sun.	Cloudy, dull.		
Date,.....18	}		A. M.	69
			P. M.	
Subject,.....	INST. Exp.			
TIME.				
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.	
Time, m. s.	Hazy Sun.	Cloudy, dull.		
Date,.....18	}		A. M.	70
			P. M.	
Subject,.....	INST. Exp.			
TIME.				
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.	
Time, m. s.	Hazy Sun.	Cloudy, dull.		

71 Date,.....18	}		A. M.
			P. M.
Subject,.....	INST. Exp.		
TIME.			
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.
Time, m. s.	Hazy Sun.	Cloudy, dull.	
Date,.....18	}		A. M.
			P. M.
Subject,.....	INST. Exp.		
TIME.			
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.
Time, m. s.	Hazy Sun.	Cloudy, dull.	
Date,.....18	}		A. M.
			P. M.
Subject,.....	INST. Exp.		
TIME.			
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.
Time, m. s.	Hazy Sun.	Cloudy, dull.	
Date,.....18	}		A. M.
			P. M.
Subject,.....	INST. Exp.		
TIME.			
Distance, feet.	Bright Sun.	Cloudy, bright.	Exp.
Time, m. s.	Hazy Sun.	Cloudy, dull.	

Date, 18 } A. M. **76**
 P. M.
 Subject, INST.
 Exp.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 Exp.

Date, 18 } A. M. **77**
 P. M.
 Subject, INST.
 Exp.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 Exp.

Date, 18 } A. M. **78**
 P. M.
 Subject, INST.
 Exp.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 Exp.

Date, 18 } A. M. **79**
 P. M.
 Subject, INST.
 Exp.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 Exp.

Date, 18 } A. M. **80**
 P. M.
 Subject, INST.
 Exp.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 Exp.

81 Date, 18 } A. M.
 P. M.
 INST. Subject,
 Exp.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 Exp. Time, m. s. | Hazy Sun. | Cloudy, dull.

82 Date, 18 } A. M.
 P. M.
 INST. Subject,
 Exp.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 Exp. Time, m. s. | Hazy Sun. | Cloudy, dull.

83 Date, 18 } A. M.
 P. M.
 INST. Subject,
 Exp.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 Exp. Time, m. s. | Hazy Sun. | Cloudy, dull.

84 Date, 18 } A. M.
 P. M.
 INST. Subject,
 Exp.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 Exp. Time, m. s. | Hazy Sun. | Cloudy, dull.

85 Date, 18 } A. M.
 P. M.
 INST. Subject,
 Exp.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 Exp. Time, m. s. | Hazy Sun. | Cloudy, dull.

Date,18 } A. M. **86**
 P. M.
 Subject, INST.
 EXP.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 EXP.

Date,18 } A. M. **87**
 P. M.
 Subject, INST.
 EXP.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 EXP.

Date,18 } A. M. **88**
 P. M.
 Subject, INST.
 EXP.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 EXP.

Date,18 } A. M. **89**
 P. M.
 Subject, INST.
 EXP.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 EXP.

Date,18 } A. M. **90**
 P. M.
 Subject, INST.
 EXP.

Distance, feet. | Bright Sun. | Cloudy, bright.
 Time, m. s. | Hazy Sun. | Cloudy, dull. TIME.
 EXP.

91 Date,18 } A. M.
 P. M.
 INST. Subject,
 EXP.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 EXP. Time, m. s. | Hazy Sun. | Cloudy, dull.

92 Date,18 } A. M.
 P. M.
 INST. Subject,
 EXP.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 EXP. Time, m. s. | Hazy Sun. | Cloudy, dull.

93 Date,18 } A. M.
 P. M.
 INST. Subject,
 EXP.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 EXP. Time, m. s. | Hazy Sun. | Cloudy, dull.

94 Date,18 } A. M.
 P. M.
 INST. Subject,
 EXP.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 EXP. Time, m. s. | Hazy Sun. | Cloudy, dull.

95 Date,18 } A. M.
 P. M.
 INST. Subject,
 EXP.

TIME. Distance, feet. | Bright Sun. | Cloudy, bright.
 EXP. Time, m. s. | Hazy Sun. | Cloudy, dull.

Date,18 A. M. } P. M.	Subject,	INST.	Exp.
Distance, feet. Bright Sun. Cloudy, bright Time, m. s. Hazy Sun. Cloudy, dull.	TIME.	Exp.	
Date,18 A. M. } P. M.	Subject,	INST.	Exp.
Distance, feet. Bright Sun. Cloudy, bright Time, m. s. Hazy Sun. Cloudy, dull.	TIME.	Exp.	
Date,18 A. M. } P. M.	Subject,	INST.	Exp.
Distance, feet. Bright Sun. Cloudy, bright Time, m. s. Hazy Sun. Cloudy, dull.	TIME.	Exp.	
Date,18 A. M. } P. M.	Subject,	INST.	Exp.
Distance, feet. Bright Sun. Cloudy, bright Time, m. s. Hazy Sun. Cloudy, dull.	TIME.	Exp.	

