

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE
THE HORIZON IN THE MONTH OF DECEMBER, 1897.

	HOURS ENDING															
	5 A.M.	6 A.M.	7 A.M.	8 A.M.	9 A.M.	10 A.M.	11 A.M.	NOON.	1 P.M.	2 P.M.	3 P.M.	4 P.M.	5 P.M.	6 P.M.	7 P.M.	8 P.M.
ESQUIMAULT	..	..	..	0'00	0'01	0'10	0'17	0'13	0'12	0'18	0'12	0'04	..	..	..	..
KUPER ISLAND.....	..	..	..	0'00	0'00	0'03	0'09	0'11	0'16	0'18	0'18	0'11	..	..	..	..
AGASSIZ, B. C.	..	..	..	0'00	0'00	0'10	0'20	0'17	0'17	0'17	0'13	0'07	..	..	..	..
BATTLEFORD.....	..	..	..	0'01	0'22	0'30	0'37	0'46	0'38	0'38	0'10	0'00	..	..	..	..
INDIAN HEAD.....	..	..	..	0'00	0'00	0'15	0'23	0'42	0'45	0'46	0'15	0'00	..	..	..	..
BRANDON.....	..	..	..	0'00	0'08	0'30	0'31	0'33	0'48	0'54	0'35	0'00	..	..	..	..
WINNIPEG.....	..	..	..	0'07	0'23	0'38	0'36	0'40	0'42	0'34	0'12	0'00	..	..	..	..
DURHAM.....	..	..	..	0'02	0'08	0'09	0'10	0'11	0'10	0'10	0'08	0'00	..	..	..	..
WOODSTOCK.....	..	..	..	0'03	0'06	0'12	0'16	0'15	0'10	0'06	0'07	0'02	..	..	..	..
TORONTO.....	..	..	..	0'00	0'09	0'16	0'22	0'24	0'26	0'27	0'31	0'16	S	..	..	..
LINDSAY.....	..	..	..	S	0'06	0'06	0'13	0'12	0'21	0'23	0'23	0'16	0'04	..	..	..
BARRIE.....	..	..	..	S	0'07	0'09	0'12	0'16	0'12	0'15	0'15	0'06	..	..	..	..
KINGSTON.....	..	..	..	0'03	0'19	0'19	0'26	0'28	0'29	0'26	0'23	0'16	S	..	..	..
MONTREAL.....	..	..	..	0'00	0'08	0'20	0'23	0'24	0'23	0'25	0'31	0'12	..	..	..	..
FREDERICTON.....	..	..	0'04	0'28	0'41	0'48	0'48	0'40	0'40	0'38	0'18	0'00	..	..	..	..

	ESQUIMAULT.	KUPER ISLAND.	AGASSIZ.	BATTLEFORD.	INDIAN HEAD.	BRANDON.	WINNIPEG.	DURHAM.	WOODSTOCK.	TORONTO.	LINDSAY.	BARRIE.	KINGSTON.	MONTREAL.	FREDERICTON.
MEAN PROPORTION FOR MONTH..... (Constant sunshine being 1.)	0'10	0'10	0'12	0'28	0'23	0'36	0'29	0'09	0'09	0'19	0'14	0'10	0'21	0'22	0'34
DIFFERENCE FROM AVERAGE.....	-05	-04	-02	-03	-01	+05	+07	..	-12	-03	-07	-06	-05	-07	-02
MAXIMUM DAILY AMOUNT.....	0'77	0'65	0'67	0'77	0'64	0'81	0'74	0'80	0'57	0'84	0'98	0'84	0'92	0'91	0'89
DATE.....	14-15	15	30	12	17	2	17	19	2	24	19	24	19	2-19	22
NO. OF DAYS COMPLETELY CLOUDED.....	21	18	23	18	14	9	14	24	17	9	17	15	13	14	13

FORECASTS.

The forecasts issued by this office at 11 p.m. each night are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of forecasts issued during the month was 1,074. These were divided as follows:—

DISTRICT.	No. Issued.	VERIFIED.			
		No. Fully.	No. Partly.	No. Not.	Percentage.
MANITOBA.....	110	79	16	15	79.1
LAKE SUPERIOR.....	108	72	26	10	78.7
LOWER LAKE REGION.....	135	91	32	12	79.3
GEORGIAN BAY.....	135	88	32	15	77.0
OTTAWA VALLEY.....	112	78	19	20	73.7
UPPER ST. LAWRENCE.....	117	69	30	18	71.8
LOWER ST. LAWRENCE.....	116	81	24	10	80.9
GULF.....	110	76	18	16	77.3
MARITIME PROVINCES.....	132	84	33	15	76.1
TOTAL.....	1,074	718	230	131	77.1

In order to obtain the percentage of verification of the forecasts, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the forecasts have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.