



DAILY BRIGHT SUNSHINE RECORD SUMMARY

Saskatchewan Research Council Climate Reference Station



Saskatoon, Saskatchewan

December

52°09' N 106°36' W 497 m asl

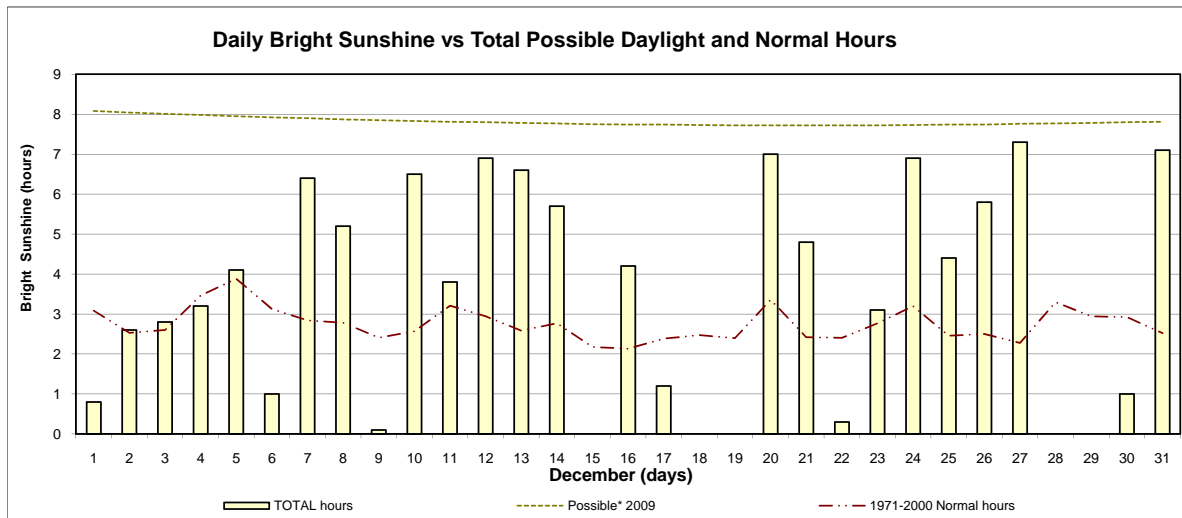
2009

DATE		PRELIMINARY COPY																								TOTAL	Possible*	%	1971-2000 Normal
JD	CD	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	hours	2009		hours
335	1								0	2	3	1	0	0	0	1	1	0								0.8	8.08	9.9	3.1
336	2								0	0	0	1	5	5	4	7	4	0								2.6	8.04	32.3	2.5
337	3								0	0	1	7	0	1	4	9	6	0								2.8	8.01	35.0	2.6
338	4								0	7	8	8	5	3	0	0	1	0								3.2	7.98	40.1	3.5
339	5								0	0	7	10	10	10	2	0	2	0								4.1	7.95	51.6	3.9
340	6								0	0	0	2	4	4	0	0	0	0								1.0	7.92	12.6	3.1
341	7								0	0	8	10	10	10	10	10	6	0								6.4	7.90	81.0	2.8
342	8								0	1	8	10	3	5	10	10	5	0								5.2	7.87	66.1	2.8
343	9								0	0	0	1	0	0	0	0	0	0								0.1	7.85	1.3	2.4
344	10								0	4	10	10	10	10	10	10	1	0								6.5	7.83	83.0	2.6
345	11								0	0	0	1	8	5	10	10	4	0								3.8	7.81	48.7	3.2
346	12								0	2	10	10	10	10	10	10	7	0								6.9	7.80	88.5	2.9
347	13								0	5	10	10	10	10	10	10	1	0								6.6	7.78	84.8	2.6
348	14								0	0	2	8	10	10	10	10	7	0								5.7	7.77	73.4	2.8
349	15								0	0	0	0	0	0	0	0	0	0								0.0	7.75	0.0	2.2
350	16								0	0	0	0	10	10	10	10	2	0								4.2	7.74	54.3	2.1
351	17								0	1	5	1	0	0	0	5	0	0								1.2	7.74	15.5	2.4
352	18								0	0	0	0	0	0	0	0	0	0								0.0	7.73	0.0	2.5
353	19								0	0	0	0	0	0	0	0	0	0								0.0	7.72	0.0	2.4
354	20								0	2	10	10	10	10	10	10	8	0								7.0	7.72	90.7	3.4
355	21								0	3	3	9	10	10	10	3	0	0								4.8	7.72	62.2	2.4
356	22								0	0	3	0	0	0	0	0	0	0								0.3	7.72	3.9	2.4
357	23								0	0	0	0	5	4	5	10	7	0								3.1	7.72	40.2	2.8
358	24								0	2	10	10	10	10	10	10	7	0								6.9	7.73	89.3	3.2
359	25								0	0	0	1	5	10	10	10	8	0								4.4	7.74	56.8	2.5
360	26								0	4	10	7	7	10	5	10	5	0								5.8	7.74	74.9	2.5
361	27								0	5	10	10	10	10	10	10	8	0								7.3	7.76	94.1	2.3
362	28								0	0	0	0	0	0	0	0	0	0								0.0	7.77	0.0	3.3
363	29								0	0	0	0	0	0	0	0	0	0								0.0	7.78	0.0	2.9
364	30								0	0	0	0	0	5	3	2	0	0								1.0	7.80	12.8	2.9
365	31								0	4	10	10	10	10	10	10	7	0								7.1	7.81	90.9	2.5
TOTAL		0	0	0	0	0	0	0	0	42	128	147	162	172	163	177	97	0	0	0	0	0	0	0	0	108.8	242.28	44.9	85.4

Values = local apparent time ending with the hour; Hourly values = tenths of an hour; Daily values = hours
 *Possible sunshine is computed and supplied by the National Research Council, Hertzberg Institute of Astrophysics for 2009
 Sunshine duration sensor = Kipp & Zonen CSD 1 measures the time during which the direct solar radiation exceeds the level of 120 W/m2
 Normal = 30 year average of the 1971 - 2000 period

Hours of Bright sunshine =	108.8	Yearly total bright sunshine hours* =	2524.5
Normal	85.4	Normal	2294.1
% of Normal	127.4	% of Normal	110.0
Number of bright sunshine days =	26	Yearly total bright sunshine days* =	331
Normal	22.8	Normal	319.8
% of Normal	114.0	% of Normal	103.5

JD = Julian Date CD = Calendar Date



Data shall not be published, copied, placed in a retrieval system or distributed whole or in part without prior written consent of the SRC. All references made to the data shall be acknowledged.

Climate Station Supporters

