

SUNSHINE GUIDE TO RESOLUTE AND THE CORNWALLIS ISLANDS, NUNAVUK TERRITORY

LOCATION: Resolute, a weather station and military establishment, is located on the south shore of Cornwallis Island. To the northwest is Polaris, on Little Cornwallis Island. Polaris is a mining town (zinc and lead), and reportedly has the highest median income of any town in Canada. Both communities have landing fields. Elevations range from sea level to more than 1,000 feet above it in the island's interior.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	0:00	4:29	11:26	18:06	24:00	24:00	24:00	21:35	14:04	7:57	0:39	0:00
HOURS OF SUNSHINE	0:00	0:16	4:45	9:17	9:29	8:40	8:58	5:09	2:03	0:51	0:01	0:00
AREA OF CLEAR SKY	64%	60%	59%	55%	33%	30%	30%	25%	21%	32%	52%	62%
LOW FOR MONTH	-45 °	-47 °	-45 °	-33 °	-10 °	16 °	30 °	25 °	4 °	-19 °	-33 °	-41 °
LOW FOR 24-HOUR DAY	-33 °	-35 °	-31 °	-17 °	6 °	27 °	35 °	32 °	19 °	-1 °	-18 °	-27 °
HIGH FOR 24-HOUR DAY	-20 °	-21 °	-18 °	-3 °	18 °	35 °	44 °	40 °	27 °	10 °	-5 °	-14 °
HIGH FOR MONTH	0 °	-3 °	1 °	15 °	32 °	47 °	56 °	51 °	38 °	27 °	14 °	6 °
DAYS WITH FROST	100%	100%	100%	100%	100%	81%	32%	59%	96%	100%	100%	100%
AFTERNOONS OVER 90 °	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LOWEST HUMIDITY FOR DAY	66%	66%	67%	71%	81%	84%	81%	86%	88%	83%	72%	67%
DRY DAYS	85%	83%	83%	77%	71%	74%	71%	62%	60%	61%	77%	81%
REASONABLY DRY DAYS	99%	99%	99%	98%	97%	94%	89%	85%	90%	94%	97%	99%
DRY HOURS	38%	44%	42%	60%	61%	77%	81%	74%	62%	48%	42%	38%
LIKELY SNOWFALL	1.4 "	1.3 "	1.7 "	2.6 "	3.7 "	2.8 "	1.5 "	3.3 "	6.7 "	5.9 "	2.5 "	2.1 "
DAYS WITH SOME SNOW	15%	17%	17%	23%	29%	24%	11%	22%	39%	39%	23%	19%
DAYS WITH SOME THUNDER	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DAYS WITH SOME FOG	12%	14%	14%	11%	12%	26%	34%	36%	20%	16%	7%	8%

COMMENTS: Counting twilight, daylight is continuous from late April through the end of August. The sun disappears from view in early November, and does not reappear until early February—although there will be a glow in the southern sky as early as late January. Bright sunshine is likely on 33% of the year's daylight hours. This might range from a low of no sun at all in December and January, to a high of 51% in April—before the summer cloudiness sets in. The year's lowest temperature should be close to -50°, and the highest should be near 56°. Sensible afternoon temperatures (the ones you actually feel) will be pretty much the same as actual ones—cold and raw. The winter snow-cover starts about the middle of September, and continues until late June. The ground continues to be snow-covered on and off throughout the summer. Above-freezing afternoons won't start until June, and come to a stop in early September. Below-zero temperatures can be expected from October through May.