

## SUNSHINE GUIDE TO JOHNSTON ATOLL, NORTH PACIFIC OCEAN

LOCATION: Johnston Atoll is located in the northern Pacific Ocean some 717 miles southwest of the Hawaiian Islands. The group consists of Johnston Island and three smaller islets, the total land mass being about one square mile. Most of this is dredge spoils, as the island areas were increased to allow construction of an airfield and subsidiary structures. Elevations are less than 25 feet above sea level, and there is almost no native vegetation. The atoll is administered jointly by the Defense Nuclear Agency and the U. S. Fish and Wildlife Service. Access is limited.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HOURS OF DAYLIGHT	11:15	11:36	12:03	12:31	12:55	13:07	13:02	12:42	12:15	11:47	11:22	11:10
HOURS OF SUNSHINE	7:59	8:38	9:00	8:42	9:23	10:04	10:11	9:34	9:02	7:46	6:39	7:03
AREA OF BLUE SKY	55%	54%	50%	38%	37%	43%	42%	38%	37%	38%	39%	50%
LOW FOR MONTH	68°	68°	70°	69°	72°	73°	73°	74°	74°	71°	69°	68°
SUNRISE TEMPERATURE	73°	73°	73°	74°	75°	76°	77°	78°	77°	77°	76°	74°
AFTERNOON TEMPERATURE	81°	81°	81°	82°	83°	84°	85°	85°	85°	85°	83°	81°
HIGH FOR MONTH	84°	84°	83°	84°	85°	86°	87°	87°	88°	87°	86°	84°
FROSTY MORNINGS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AFTERNOONS OVER 90°	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AFTERNOON HUMIDITY	69%	69%	71%	72%	71%	70%	71%	72%	73%	73%	74%	72%
NEARBY WATERS	79°	78°	78°	78°	79°	81°	82°	82°	83°	83°	81°	79°
DRY DAYS	64%	62%	55%	56%	59%	61%	61%	60%	55%	51%	51%	50%
REASONABLY DRY DAYS	82%	85%	80%	78%	82%	88%	87%	82%	79%	75%	77%	77%
5-DAY PRECIPITATION	0.43	0.30	0.43	0.42	0.28	0.16	0.18	0.36	0.34	0.49	0.54	0.52
DAYS WITH SOME SNOW	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DAYS WITH SOME THUNDER	2%	1%	2%	2%	1%	1%	1%	1%	1%	1%	2%	2%
DAYS WITH SOME FOG	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

COMMENTS: Bright sunshine is likely on 71% of the daylight hours of the year. This might range from a low of 59% in November, to a high of 78% in July. The lowest temperature of the year should be close to 65° on some calm and clear January sunrise, and the highest should be near 89° on some sunny and windless September afternoon. Sensible temperatures (the ones you actually feel) will be up to 6° hotter than actual ones, due to the combination of temperature and humidity. The atoll lies within the belt of the Northeast Trade Winds, and these winds predominate most of the year. There is very little difference in the weather from one month to the next. The weather on any given day could (and probably will) occur in any month of the year. That being said, the best weather occurs in January and February.