

Weather Summary for V. C. Bird International Airport, Coolidge, Antigua May 2010

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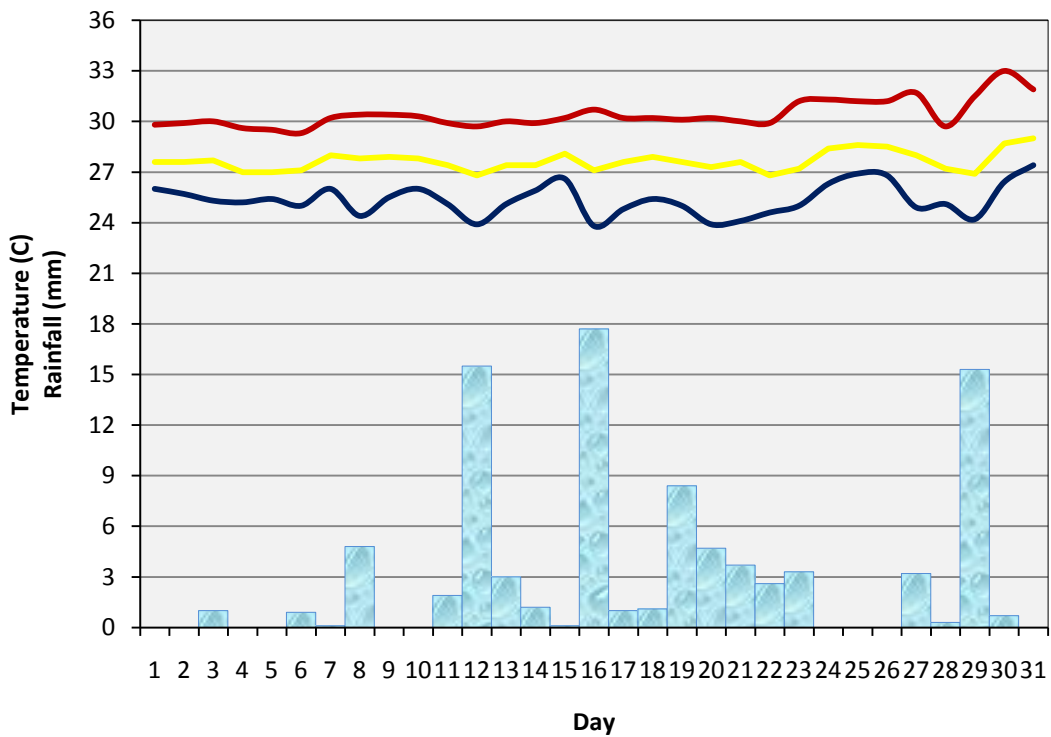
Coolidge experienced near normal rainfall for the month of May. The rainfall for the month was 90.5 mm or 3.56 inches. The normal for the month is 3.88 inches (1971 – 2000). Also, the rainfall total for this month was 92% of the normal total. Although the rainfall was near normal, the number of rainy days, 16, was well above normal and the highest since 1993. The maximum 1-day rainfall of 22.9 mm or 0.90 inches occurred on May 16; this was caused by a deep layered trough. The rains for the month were due mainly to various trough systems.

The mean temperature of 27.6°C was above normal, the highest since 2005 and the sixth highest on record for May. The normal temperature for the month is 27.0°C (1971 – 2000). The maximum temperature of 33.0°C was well above normal, the highest since 2005 and the second highest ever. Meanwhile, the minimum temperature of 23.8°C was well above normal, the highest since 2001 and the second highest on record for the month.

The mean wind speed of 10.0 knots was below normal and the eighth lowest for the month (1971 – 2010). The mean wind speed for May is 12.0 knots (1971 – 2000).

SUMMARY FOR V.C. BIRD INT'L AIRPORT, COOLIDGE – MAY 2010					
ELEMENT	OBSERVED VALUE	DATE	RECORD VALUE	YEAR	NORMAL AVG
<u>TEMPERATURE</u>					
ABSOLUTE MAXIMUM	33.0°C	MAY 30	34.1°C	2005	31.1°C
MEAN DAILY MAXIMUM	30.4°C		31.7°C	1998	30.0°C
MEAN DAILY	27.6°C				27.0°C
MEAN DAILY MINIMUM	25.3°C		23.1°C	2008	24.3°C
ABSOLUTE MINIMUM	23.8°C	MAY 16	17.8°C	1974	21.6°C
WARMEST DAY(S)	28.7°C	MAY 30			28.3°C
COOLEST DAY(S)	26.8°C	MAY 12			25.8°C
DAYS MAX >= 31°C	7				
DAYS MIN <= 22°C	0				
MONTHLY RANGE	9.2°C		11.1	2003	9.6°C
<u>RAINFALL</u>					
TOTAL	90.5 MM		468.5 MM	1987	98.5 MM
RAINIEST DAY ¹	17.7 MM	MAY 16	178.6 MM	1987	36.2 MM
MEASURABLE RAINFALL DAYS	21				13.1
DAYS >= 1.0 MM	16				9.2
DAYS >= 10.0 MM	3				2.5
DAYS >= 20.0 MM	0				1.1
<u>HUMIDITY</u>					
MOST HUMID DAY(S)	87.1%	MAY 29			84.6%
MAXIMUM	94%	MAY 27, 29			
MEAN	76.5%				75.7%
MINIMUM	58%	MAY 5			
LEAST HUMID DAY(S)	65.5%	MAY 4			68.7%
<u>WIND</u>					
MAX SPEED & DIRECTION	21 KT, E	MAY 19			
MAX GUST & DIRECTION	31 KT, ESE	MAY 17			
MEAN	10.0 KT				12.0 KT
PREVAILING SPEED & DIRECTION	12.4 KT E'N				
<u>PRESSURE</u>					
MAXIMUM	1018.5 MB	MAY 14			
MEAN	1014.6 MB				1015.6 MB
MINIMUM	1009.8 MB	MAY 22			
<p>Table 1: Summary for V. C. Bird International Airport, Coolidge – May 2010. The climatological day: 12Z to 12Z or 8 AM to 8 AM LST. ¹Measured at 12:00 UTC daily. Normal – 1971 to 2000; AVG – 1995 to 2008. Records: temperature and rainiest – 1971 to 2010; Rainfall total 1928 – 2010.</p>					

Graph 1: May 2010 Met Elements at V. C. Bird Int'l Airport, Coolidge



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