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DOUGLAS - CHARLES AIRPORT
August 2020


|  |  |
| :---: | :--- |
| Total | $269.7 \mathrm{~mm} / 10.62 \mathrm{in}$ |
| Normal | $255.4 \mathrm{~mm} / 10.06 \mathrm{in}$ |
| Daily average | $8.7 \mathrm{~mm} / 0.34 \mathrm{in}$ |



| Average | $28.2^{\circ} \mathrm{C} / 82^{\circ} \mathrm{F}$ |
| :---: | :--- |
| Normal | $27.8^{\circ} \mathrm{C} / 82^{\circ} \mathrm{F}$ |

## OTHER

| Parameter | Month | Date | Normal | Monthly Historical |
| :---: | :---: | :---: | :---: | :---: |
| relative humidity | 82\% |  |  |  |
| cloud cover | 5 oktas |  |  |  |
| Rainfall <br> Rainfall total <br> Cumulative yearly total <br> Maximum <br> Number of rainfall days $(\geq 1 \mathrm{~mm})$ | ```269.7mm/ 10.62in 1071.1mm / 42.17in 45.4mm / 1.79in 22``` | 29th |  | Max: 457.3mm / 18.00in (2010) Min: $80.1 \mathrm{~mm} / 3.15 \mathrm{in}$ (1984) |
| Temperature <br> Actual Maximum <br> Actual Minimum | $\begin{aligned} & 32.4^{\circ} \mathrm{C} / 90^{\circ} \mathrm{F} \\ & 22.8^{\circ} \mathrm{C} / 73^{\circ} \mathrm{F} \end{aligned}$ | $\begin{aligned} & 13^{\text {th }} \\ & 22^{\text {nd }} \end{aligned}$ |  | $\begin{aligned} & 34.3^{\circ} \mathrm{C} / 93^{\circ} \mathrm{F}(1996) \\ & 20.9^{\circ} \mathrm{C} / 70^{\circ} \mathrm{F}(1992) \end{aligned}$ |
| Mean Maximum Mean Minimum | $\begin{aligned} & 31.5^{\circ} \mathrm{C} / 90^{\circ} \mathrm{F} \\ & 24.9^{\circ} \mathrm{C} / 77^{\circ} \mathrm{F} \end{aligned}$ |  | $\begin{aligned} & 30.6^{\circ} \mathrm{C} / 88^{\circ} \mathrm{F} \\ & 24.7^{\circ} \mathrm{C} / 77^{\circ} \mathrm{F} \end{aligned}$ | $\begin{aligned} & 31.8^{\circ} \mathrm{C} / 90^{\circ} \mathrm{F}(2006,2010) \\ & 23.0^{\circ} \mathrm{C} / 75^{\circ} \mathrm{F}(1992) \end{aligned}$ |
| sunshine hours average daily duration highest daily percentage received | 8 hrs 00mins 11 hrs 18 mins 65\% | $10^{\text {th }}$ | 8hrs 48mins |  |
| Wind direction speed maximum gust | $120^{\circ}$ (East south east) <br> $7 \mathrm{kts} / 13 \mathrm{~km} / \mathrm{h}$ <br> 32kts / 59km/h | $21^{\text {st }}$ |  |  |
| sea-level pressure | $1014.6 \mathrm{mbs} / 29.96 \mathrm{inHg}$ |  | 1013mbs |  |

REMARKS: climatological normal rainfall- 30-year average (1982-2011) and average temperature revised - 21 -year average (1990-2010)
The rainfall total was above normal. Daytime highs and night-time lows were warmer than average. The Atlantic high-pressure system and tropical waves dominated the weather conditions. Tropical Storm Josephine (15 th ) and Laura ( $21^{\text {st }}-22^{\text {nd }}$ ) affected the island. Thunderstorms were recorded on 4 days.

