Canefield \& Douglas-Charles Airport
www.dmsclimate@dominica.gov.dm

# MONTHLY CLIMATE SUMMARY <br> DOUGLAS - CHARLES AIRPORT February 2022 



| Parameter | Month | Date | Normal | Monthly Historical |
| :---: | :---: | :---: | :---: | :---: |
| relative humidity | 78\% |  |  |  |
| cloud cover | 5oktas |  |  |  |
| rainfall <br> number of rainfall days $(\geq 1 \mathrm{~mm})$ <br> cumulative yearly total maximum | 18 <br> 246.8mm / 9.72in <br> 49.2mm / 1.93in | $4^{\text {th }}$ |  | Max: 196.6mm / 7.74in (1989) <br> Min: $4.2 \mathrm{~mm} / 0.17 \mathrm{in}$ (2010) |
| Temperature average maximum average minimum | $\begin{aligned} & 28.4^{\circ} \mathrm{C} / 82^{\circ} \mathrm{F} \\ & 21.4^{\circ} \mathrm{C} / 70^{\circ} \mathrm{F} \end{aligned}$ |  | $\begin{aligned} & 28.5^{\circ} \mathrm{C} / 84^{\circ} \mathrm{F} \\ & 22.1^{\circ} \mathrm{C} / 72^{\circ} \mathrm{F} \end{aligned}$ | $\begin{aligned} & 30.0^{\circ} \mathrm{C} / 86^{\circ} \mathrm{F}(2012) \\ & 20.4^{\circ} \mathrm{C} / 68^{\circ} \mathrm{F}(1986) \end{aligned}$ |
| maximum minimum | $\begin{aligned} & 28.8^{\circ} \mathrm{C} / 84^{\circ} \mathrm{F} \\ & 18.9^{\circ} \mathrm{C} / 66^{\circ} \mathrm{F} \end{aligned}$ | $\begin{aligned} & 11^{\text {th }} 14^{\text {th }} \\ & 5^{\text {th }} \end{aligned}$ |  | $\begin{aligned} & 31.9^{\circ} \mathrm{C} / 90^{\circ} \mathrm{F}(1998) \\ & 17.0^{\circ} \mathrm{C} / 63^{\circ} \mathrm{F}(1988) \end{aligned}$ |
| sunshine hours average daily duration highest daily percentage received | 8hrs 24mins 10hrs 06mins 72\% | $24^{\text {th }}$ | 7hrs 30mins |  |
| wind <br> direction <br> speed <br> maximum gust | $110^{\circ}$ (east south east) <br> $8 \mathrm{kts} / 15 \mathrm{~km} / \mathrm{h}$ <br> 34kts / 63km/h | $12^{\text {th }}$ |  |  |
| sea-level pressure | 1016.6mbs / 30.02inHg |  | 1013mbs |  |

REMARKS: Climatological normal -30-year average (1991-2020)
The rainfall total was above normal for the month. Daylight maximum temperature were as usual while night-time minimum temperatures were much cooler than usual. The Atlantic high-pressure system and surface troughs were the dominant features. A prefrontal trough accounted for maximum daily rainfall. Gusty winds and hazy conditions were recorded throughout.

[^0]Revision No. 001
"Constantly Monitoring the Atmosphere"
Doc. Implementation: December 2012


[^0]:    Doc.ID: PR-CL-PD-R001

