



## Meteorological Summary Report

Meteorological Summary of the weekend weather event across The Bahamas from Friday March 22, 2024, to Sunday March 24, 2024, issued by The Bahamas Department of Meteorology on Tuesday March 26, 2024 at 5:30 PM.

The combination of a potent upper-level trough, and unseasonably warm and moist conditions near the surface posed the potential for squally/severe weather in The Bahamas and the Turks and Caicos Islands from Friday 22nd March to Monday 25th March 2024. Three-day rainfall accumulations of 4 to 6 inches were expected throughout the archipelago with maximum amounts of up to 8 inches in the Northwest Bahamas. Lesser accumulations of 2 to 4 inches for the Central Bahamas and 1 to 2 inches in the Southeast Bahamas and the Turks and Caicos Islands.

There were three (3) Special Weather Statements bulletins issued by the Bahamas Department of Meteorology ahead of the impending weather, starting on Wednesday March 20, 2024. During the storm event The Bahamas Department of Meteorology issued seventeen (17) Severe Thunderstorm Warning bulletins during passage of the low-pressure system which included 30 specific messages alerting the public on the potential threat and state of the meteorological conditions.

The precipitation from the showers and thunderstorms over the weekend, measured by The Bahamas Department of Meteorology surface weather observing station network, reports these preliminary rainfall totals across the archipelago.

New Providence: recorded 3.96 inches at the Lynden Pindling Airport

Grand Bahama: recorded 4.63 inches at the Grand Bahama Airport

Abaco: recorded 1.10 inches at Crossing Rocks

Andros: recorded 1.10 inches at Andros Town

Exuma: recorded 0.74 inches at George Town

Eleuthera: recorded 4.90 inches at Governor's Harbour

Long Island: recorded 1.76 inches at Galloway Landing

San Salvador: recorded 2.12 inches at Cockburn Town

Turks and Caicos: recorded 1 to 2 inches at Providenciales.

A final quality assessment of the entire network rainfall totals of the reporting rainfall sites, will be conducted at the end of the month by the Climatological section of the Bahamas Department of Meteorology.

The Bahamas Department of Meteorology