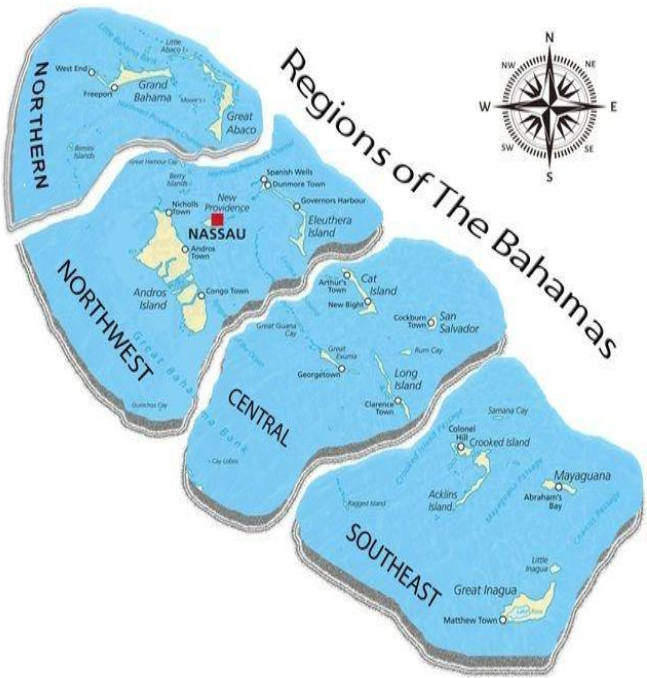


Commonwealth of The Bahamas

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WEATHER LOG AUGUST 2025

GENERAL WEATHER SITUATION OVER THE BAHAMAS

During the first days of August (Friday, 01st and Saturday, 02nd), troughing in the upper through low-levels combined with intense daytime heating, sparked spotty showers and isolated thunderstorms across The Bahamas. Meanwhile, a prominent surface ridge generated moderate to locally fresh winds throughout the archipelago. Partly to mostly sunny and very warm to hot conditions persisted over the islands, interrupted by passing showery activity or a possible thunderstorm. The Bahamas Department of Meteorology (BDM) issued a Heat Advisory for the entire Bahamas, between the hours of 10:00 am EDT and 5:00 pm EDT, as excessive heat indices were expected in the range from 102°F to 111°F. The public was advised to remain hydrated, wear light coloured clothing, limit outdoor activity, and take frequent breaks during peak sunshine hours as UV indices extended to the extreme to very high range. Rip currents were a moderate risk along the east and southeast coast beaches in the Southeast Bahamas. Daytime high temperatures ranged from low to mid-90s°F, with nighttime lows between the upper-60s to upper-70s°F across the Bahamas.

The first week of August (Sunday the 03rd through Saturday, the 09th) introduced a weak high pressure ridge that steered gentle to moderate breezes across the country, while supporting some very warm temperatures. Deep-layer troughing near the Bahamas, along with the propagation of a westward tropical wave near the Southeast Bahamas, produced some showers and thunderstorms across the area. By Tuesday evening, a deep-layered trough shifted across the Central Bahamas, supporting showers and thunderstorms across the Central and Southeast Bahamas, with some heavy showers or strong to severe Thunderstorms at times. By Thursday, the troughing combined with the available tropical moisture shifted scattered showers and isolated thunderstorm activity across the Northern and Northwest Bahamas. The upper-level trough fueled by rich tropical moisture over the Northern Bahamas kept widespread showers and scattered thunderstorms across the Northern, Northwest, and portions of the Central Bahamas. Meanwhile, a weak pressure pattern kept drier and more stable conditions across the Southeast Bahamas through Saturday. A Severe Weather Watch was issued for the Southeast Bahamas and the Turks and Caicos Islands, inclusive of Inagua, West Caicos, and Providenciales, Turks and Caicos, starting at 12:45 pm EDT, Sunday, 03rd August. Later, it was upgraded to a Severe Thunderstorm Warning for the islands of Inagua, Long Island, San Salvador, New Providence, The Berry Islands, Andros, Exuma Cays, Abaco, and Bimini, along with their adjacent cays and waters. The BDM issued a Severe Thunderstorm Watch in effect over the Northern and Northwest Bahamas, including the Exuma Cays and San Salvador, through Saturday, 09th August 2025. Mariners were urged to remain vigilant for funnel cloud formation and/or waterspout activity. Rip current risk was moderate along the east and south coast beaches in the Southeast Bahamas. There was an increased risk for flooding during heavy or prolonged rainfall events in the Northwest, Central, and portions of the Southeast Bahamas, so residents were advised to take all precautions. The public was advised to remain hydrated, wear light clothing, limit time outdoors, and take frequent breaks during peak sunshine hours as the UV index spanned the very high to extreme range. A heat Advisory was issued by the BDM for the Northern and Northwest Bahamas between peak daylight hours from 10:00 am EDT to 5:00 pm EDT for most of the week.

Daytime high temperatures ranged from low to mid-90s°F, with nighttime lows between the low-70s to low-80s°F across the Bahamas.

The second week of August (Sunday the 10th through Saturday the 16th) brought a high-pressure ridge across the archipelago that provided stable conditions with a gentle to moderate breeze. The Northern and Northwest Bahamas received residual moisture, which enhanced showers and possible thunderstorms in the area. The further deterioration of the weather occurred as passing mid to upper-level troughs interacting with low-level moisture triggered bouts of showers and isolated thunderstorms across portions of the Bahamas. High pressure rebuilt across the Bahamas and produced moderate to fresh breezes with very warm to hot conditions at times. By Wednesday, the BDM issued a Heat Warning for the Bahamas and Turks and Caicos Islands. The Southeast Bahamas and the Turks and Caicos Islands experienced a Severe Heat Wave (112°F - 122°F), while the remainder of the Bahamas experienced an Excessive Heat Wave (102°F - 111°F) for the next 3 to 5 days. The movement of a low-level trough to a surface trough brought temporary relief in the form of clouds and showers to the hot conditions across portions of the Northern and Northwest Bahamas for Thursday through the weekend. The public was urged to remain hydrated, wear light-coloured clothing, sunglasses, and sunscreen, while limiting outdoor exposure to the sun, as UV indices increased to the very high to extreme range and heat indices hit the upper 90s to the triple digits. The BDM advised Beachgoers and swimmers not to venture into the waters in the Southeast Bahamas. There was a moderate risk of rip currents along the east and south coast beaches in the Southeast Bahamas. Mariners were urged to stay in or near port until the system moved away from The Bahamas. The BDM closely monitored the development of Tropical Cyclone Erin, as it was expected to bring cloudy conditions, increased showers and thunderstorm activity along with gusty winds as it passed near the Southeast and Central Bahamas through early Sunday. Temperatures reached the mid-80s to mid-90s °F during the day and settled in the mid-70s to low-80s°F at night across the Bahamas.

The week of Sunday, the 17th, through Saturday, the 23rd of August, started with a Tropical Storm Warning for the Turks and Caicos Islands and a Tropical Storm Watch for the Southeast Bahamas. As Hurricane Erin moved closer to the Bahamas and the Turks and Caicos, periods of inclement weather were experienced, while high-pressure ridging produced stable conditions and gentle to moderate breezes elsewhere. The BDM issued fourteen Severe Thunderstorm Watches and Warnings from Thursday, the 21st, to Saturday, the 23rd of August, covering the islands of Abaco and its cays, Grand Bahama, New Providence, Eleuthera, Andros, Bimini, and Berry Islands. And their surrounding waters and cays. By 6:00 pm EDT on Monday, the BDM upgraded the Tropical Storm Watch to a Tropical Storm Warning in the Southeast Bahamas and issued a Tropical Storm Watch for the Central Bahamas islands of Cat Island, Long Island, Rum Cay, and San Salvador. Residents and beachgoers in all islands, especially along the Atlantic-exposed coastlines, were urged to refrain from venturing in or near the ocean due to overtopping waves along coastal roads and bridges like the Glass Window Bridge, Eleuthera. The sea swells and waves broke as high as 15 to 18 feet, pushing debris and causing minor road erosion along Atlantic-facing coastlines. Rip currents increased the risk of dangerous and life-threatening tides, as well as high seas and rough surf across Atlantic exposures. Motorists and pedestrians were urged to exercise extreme caution while traversing along coastal roadways, especially the Glass Window Bridge, Eleuthera, due to very large, dangerous swells and waves. Hurricane Erin moved adjacent to the Bahamas and exited north of the archipelago, as it produced periods of heavy rainfall, gusty winds, strong thunderstorms, possible hail, and tornadic activity in passing outer rain bands. By Thursday, the BDM issued a Heat Advisory for The Bahamas, as the feel-like temperatures were expected to reach upwards to 112°F through Saturday. Residents and visitors were strongly advised to remain hydrated, wear light-coloured clothing, sunglasses, and sunscreen, and limit prolonged outdoor exposure to the sun, as UVs were expected to be in the very high to extreme range and heat indices in the low triple digits. A weak high-pressure ridge built over the Bahamas as a lingering trough supported showers and thunderstorms across the Northern and Northwest Bahamas, leading to unsettled conditions into the new week. Temperatures reached the upper-80s to mid-90s°F during the day and settled in the mid-70s to low-80s°F at night.

During the last week of August, from Sunday the 24th through Sunday the 31st, a moist streaming air mass from the Gulf of Mexico, combined with troughing associated with a stationary frontal boundary meandering between North and Central Florida, continued to trigger periods of showers and isolated thunderstorms, particularly across the Northern and Northwest Bahamas. The BDM warned the public in the Northern Bahamas that some showers may become heavy and some thunderstorms strong to severe at times. The community was strongly urged to stay informed by monitoring all severe weather warnings issued by the BDM. Elsewhere in the Bahamas, a weak high-pressure ridge and relatively dry air mass supported more stable conditions with moderate to fresh breezes. A Heat advisory was in effect for the entire Bahamas from Sunday at 10:00 am EDT to 5:00 pm EDT. Residents were urged to remain hydrated, limit time outdoors, and avoid strenuous activity, as heat indices remained in the triple digits. By Thursday, the Southeast Bahamas and portions of the Central Bahamas would be influenced by the

movement of a westward-moving tropical wave and an upper-level disturbance. Later on Friday, deep-layer troughing combined with streaming tropical moisture near a stationary front over Northern Florida produced unsettled weather across the Northern, Northwest, and portions of the Central Bahamas. The BDM issued a Severe Weather Watch for the Northern, Northwest, and portions of the Central Bahamas that included Exuma and its cays, Cat Island, and Long Island through 6:00 pm EDT Sunday. A Heat Advisory remained in effect for the Southeast Bahamas and portions of the Central Bahamas from 11:00 am EDT to 5:00 pm EDT through Saturday. Additionally, a Heat Advisory was in effect for the Northern and Northwest Bahamas through 6:00 pm EDT Sunday. The BDM issued Severe Thunderstorm Watches and Severe Thunderstorm Warnings on Tuesday, the 26th of August, between 4:30 am EDT through 7:25 am EDT for Grand Bahama, Abaco, Eleuthera, and Andros, along with their surrounding waters and cays. A moderate risk of rip currents and locally rough surf was in effect for all Atlantic-exposed coastlines. Residents and beachgoers were advised to avoid swimming or venturing near the ocean, including areas such as the Queen's Bath, Eleuthera, until conditions improve. There was a chance of minor flooding along Atlantic-facing roads, particularly during high tide. Residents in the Central and Southeast Bahamas were urged to wear protective clothing, sunglasses, sunscreen, and seek shaded areas during peak daylight hours due to the high to extreme UV levels. Temperatures reached the low to mid-90s°F during the day and settled in the low-70s to mid-80s°F at night.

General Weather Situation over New Providence for August 2025

The **mean maximum daytime temperature** reached **91.3°F**, fell **0.3°F** below the normal average, while the **mean minimum nighttime temperature** rose **1.3°F** above the norm to **78.3°F**. **Total rainfall measured 6.58 inches**, which was **1.73 inches** below the monthly average. The **monthly mean relative humidity** stood at **75%**, and registered **three percent** below the long-term mean. **Sunshine daily average hours reaching 8.8**, **0.3 hours** above the 30-year norm. Wind speeds averaged **12.9 knots**, exceeding the 30-year average by **7.0 knots**, with prevailing winds blowing from the **southeast through south** across the Bahamas. The **monthly standard deviation** in temperature was **1.13°C**, which was **0.13°C** above the typical variation.



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Supplementary
BDM – Bahamas Department of Meteorology

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