Bonaire - Weber's Joy

surveyed 2017-02-24



0 — 5

Coral Health Index: TBD

What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 39 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page. The written account of the site is a review of its photographs and of the author's dive notes, not a second survey.

HARD CORAL COVER

21%

Claude computer vision (39 edited photos) · median 15%

MOST RECENT HEAT LOAD RECORD

28.8°C **2.1°C-weeks**

26 Oct 2026 · +1.0°C vs the past-365-day mean (27.8°C) · NOAA Bleaching Warning

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)

17.3°C-weeks

NOAA annual peaks averaging 16–20°C-weeks

MAX. DEPTH

31.1 m

WATER TEMP. (SURVEY)

26.9°C

-1.0°C vs the 2017 mean sea temperature (27.9°C)

PHOTOGRAPHS

43 in the gallery · 46 on file

POSITION

12.2066, -68.3165

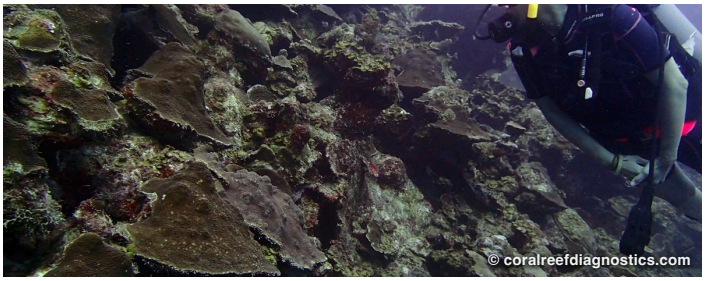
Position from the published dive-site listing for Weber's Joy; no GPS fix was logged on the dive.





A steep wall of plate-coral terraces with big brain and massive coral heads among sea rods, orange cup corals, dense fish schools, spotted morays, and a French angelfish. Most corals are pigmented, but some large brain corals carry old patches of tissue loss, giving the reef a mixed rather than pristine condition.

Nederlands. Een steile wand met terrassen van plaatkoraal, met grote hersenkoralen en massieve koraalkoppen tussen zeestaven, oranje bekerkoralen, dichte visscholen, gevlekte murenen en een Franse keizersvis. De meeste koralen zijn gepigmenteerd, maar enkele grote hersenkoralen dragen oude plekken met weefselverlies, waardoor het rif eerder een gemengde dan een ongerepte toestand heeft. *AI translation of this summary; the English is authoritative.*





CV model comparison (hard coral cover, %): CoralSCOP edited 25.2 · **Claude (edited photos) 20.6** CoralSCOP (edited photos) reads 25.2%, within 4.6 pp of Claude's blind point count (20.6%).

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 43 in the gallery · 46 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/bonaire-weber-s-joy.html · Heat stress is the mean of the latest five annual maxima of NOAA Coral Reef Watch degree-heating weeks for this reef's NOAA CRW virtual station (Aruba, Curacao, and Bonaire) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.