

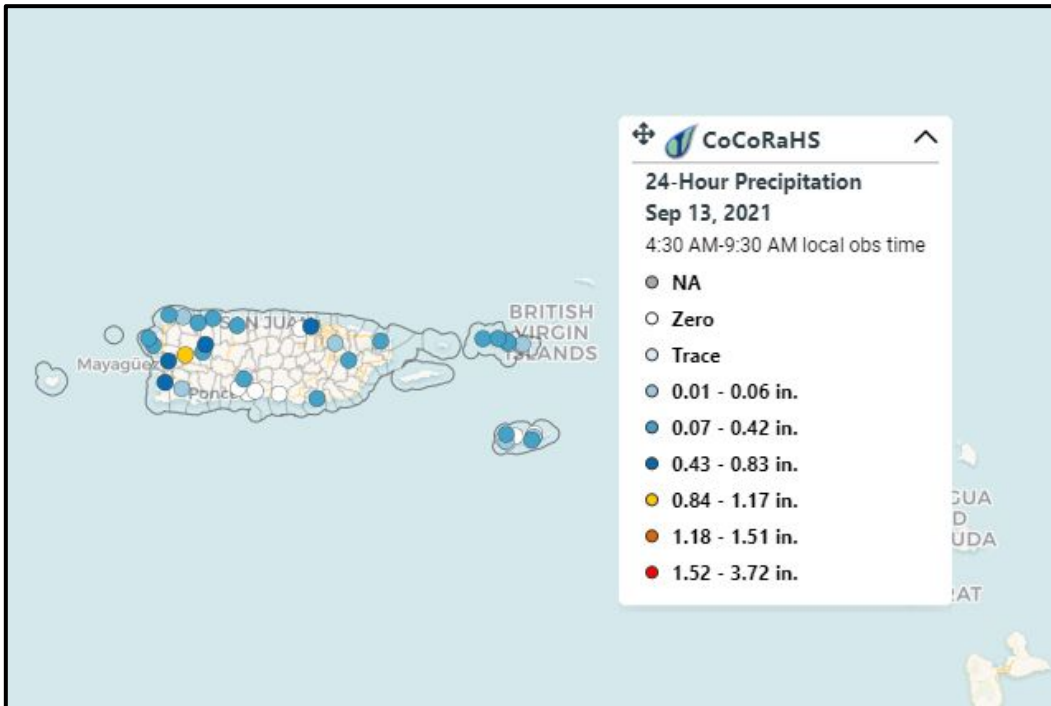
The Role of Citizen Science During Droughts

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National Weather Service - San Juan





Role #1: To Support NWS Network



Colorful Image

Text Product

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MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR
PUERTO RICO AND THE U.S. VIRGIN ISLANDS
NATIONAL WEATHER SERVICE SAN JUAN, PR
913 AM AST Wed Sep 15 2021

Values represent highs yesterday...lows over the last 12 hours
and precipitation over the last 24 hours

:BR SJU 0915 AS DH01/TAIRZX/DH07/TAIRZP/PPDRZZ
:
:ID          LOCATION          MAX    MIN    PCPN
:JSJ : SAN JUAN AIRPORT:      92 /  80 /  0.04
:ISX : ST CROIX AIRPORT :      92 /  80 /    T
:IST : ST THOMAS AIRPORT :       M /   M /   M
:END

:
: COOPERATIVE WEATHER OBSERVATION SITES
:BR SJU 0915 AS DH07/TAIRZX/TAIRZN/PPDRZZ
: COOP OBSERVATIONS
:
:ID          LOCATION          OBS    MAX    MIN    PCPN
:          TIME             TEMP  TEMP
:ADAP4: Coloso-Aguada          : DH0700/  90 /  71 /  0.37
:ARBP4: Arecibo Observatory    : DH0500/  88 /  69 /  2.00
:JNCP4: Juncos 1 SE           : DH0500/  88 /  74 /  0.85
:LTBP4: Levitown-Toa Baja     : DH0700/  90 /  76 /  0.12
:TRAP4: Trujillo Alto 2 SW    : DH0800/  89 /  74 /  1.24
:RCIP4: Dos Bocas            : DH0800/  93 /  70 /  0.85
:RURP4: Aguirre              : DH0740/  93 /  77 /  0.34
:MRCP4: Maricao 2SSW          : DH0800/  83 /  65 /  0.18
:CILP4: Ciales 2S            : DH0609/  89 /  70 /  0.83
:EAHV3: East Hill-St Croix   : DHM /    M /   M /  0.01
:END

These data are preliminary and have not undergone final quality control
by the National Climatic Data Center / NCDC/. Therefore...these data are
subject to revision. Final and certified climate data can be accessed
at www.ncdc.noaa.gov.

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Role #2: Eyes in the Field



Changes in vegetation in Trunk Bay, St. John from July 7, 2020 (left) to August 5, 2020. Photo credit: Rafe Boulon



Aerial images of two agriculture ponds from 7.28.21 from behind VIDA on ST Croix show signs of slow pond recharge and continued distress of vegetation due to ongoing drought conditions. Drone images by VI Aerial of St Croix.



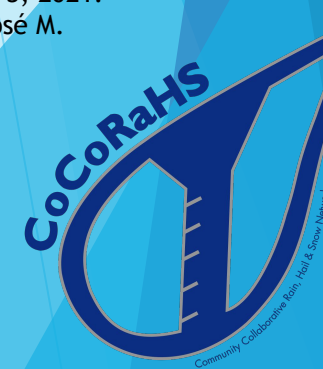
Vegetation affected by drought conditions in Barrio Jacaguas, Juana Díaz in Southern Puerto Rico. Date of photo: June 22, 2020. Photo credit: Luis Rodríguez Cruz.



Bordeaux farmland showing Green Ridge Guavaberry Farm (right) and on May 25, 2021(left) in Bordeaux in St Thomas which was taken August 25, 2021. Aerial photos by Royce Creque.



Forest fires in San Sebastian, Puerto Rico. March 3, 2021. Photo credit: José M. Martínez.





Thank You!

