



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Flood Control
Department No.: 054
For Agenda Of: March 16, 2021
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Flood Control and Water Conservation District

FROM: Department Scott D. McGolpin, Public Works Director, (805) 568-3010
Director(s)
Contact Info: Thomas D. Fayram, Deputy Public Works Director, (805) 568-3436

SUBJECT: Santa Barbara County Hydrology Report for 2020, All Supervisorial Districts

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: No

Other Concurrence: N/A

Recommended Actions:

- a) Receive and file the attached Santa Barbara County Hydrology Report for 2020 and authorize distribution of the report for County and public information; and
- b) Determine that the proposed action is not a project under the California Environmental Quality Act, pursuant to 14 CCR Section 15378 (a) activities with no potential for resulting in a direct or indirect physical change to the environment.

Summary Text

The Santa Barbara County Hydrology Report for 2020 (Report), dated November 26, 2020, includes documentation and analysis of multi-year rainfall, stream-flow, and reservoirs within the County.

The report also includes wildfire burn-area related documentation over the past several years.

The intention of the Report is to concisely document hydrologic observations and processes of recent years and to provide a reference document for future years.

The Public Works Department will place the Report on our website to download free of charge. This Report will also be available in a printed color version at the County's various libraries.

Background:

The Hydrology section within the Water Resources Division of Public Works periodically prepares water-year reports covering hydrologic processes and observations, particularly following more significant rainfall or drought years. These reports were first published in 1991.

The report documents the significant Hydrology (surface water) related events for the 2020 water-year in Santa Barbara County.

The 100-page report includes a 1-page executive summary, which is followed by more detailed discussion of Hydrologic Monitoring Systems, Weather Forecast, Wildfire Burn-Areas, Rainfall, Rivers & Streams, Reservoirs, Flood-Forecast Modeling, Storm Damage, and other related topics.

Report Appendices are inclusive of reference information on Hydrologic Gauge Station listings, Hydrologic Station Installation pictures, Yearly/Monthly Rainfall listings, and Rainfall Return Periods.

The rainfall year and water year (WY2020) referred to in this report runs from September 1, 2019 through August 31, 2020.

Fiscal and Facilities Impacts:

Budgeted: Yes

Narrative:

Hydrology is an ongoing program for the Flood Control District. Staff time for this project was included in the Adopted 2020-21 budget under the Hydrology Cost Center of the Water Resources Division of the Public Works Department as shown on page D-332 in the budget book.

Special Instructions:

Direct the Clerk of the Board to send a copy of the minute order of this action to the Flood Control District office, Attn: Christina Lopez.

Attachments:

Attachment A - Santa Barbara County Hydrology Report for 2020

Authored by:

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