

Engineering and Operations

August 11, 2020
Staff Report

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – Director of Engineering
Subject: Engineering & Operations – July 2020

1. **Water Production Report**

- July 1 – 31 – Water production – 43%/57% split – 139.2 MG for the month
- Average use – 8.8% greater than 2019 and 12.8% greater than 5-yr average

2. **Rainfall Update**

- 0.00” for July 2020
- Rainfall Total for Rainfall Year 2019/20 – 20.52”

3. **Report on Engineering**

- **CIP Projects**
 - Booster Pump Replacement at Glenwood – Completed, punch list items still pending
 - Well 11 – Completed
 - Ramsdell Mixing Station/Pressure Reducing Station – Under Design
 - Rosemont Reservoir Rehabilitation – Advertising for Bids
 - Emergency Generator at Sewer Lift Station – Under Review by LCF
 - Pipeline Replacement – 4300 Block of Rosemont – Under Design
 - Pipeline Replacement – Projects 3 & 4 – See Staff Report
- **Nitrate Removal Treatment Facility at Well 2 Project**
 - No Report
- **Grant Program**
 - Local Hazard Mitigation Plan – See Staff Report
- **Water Meter Replacement Program**
 - Replaced 104 meters through July 2020
 - AMI Communications Network – See Staff Report

4. **Report on Administrative and Field Operations**

- Wells Status – Well production capacity steady at 2.0 mgd

5. **Developer Projects**

- 4520 Montrose – New 6 Units – Construction beginning week of August 17, 2020
- Waiting on Developer
 - 4521 Briggs/2413 Foothill – New 70 Units
 - 3900 Park Place – New 28 Units
 - 2341 Mira Vista – New 6 Units
 - 2345 Mira Vista – New 4 Units
 - 2314 Montrose – New 5 Units
 - 1961 Waltonia – New 6 Units

6. **FMWD** – No Report

7. **Street Projects**

- Verdugo Paving Project – City of Glendale – Under Construction

8. **Field Maintenance & Operations – July 1, 2020 – July 31, 2020**

- **Water Lateral Leaks & Repairs**

2438 Prospect	2436 Rockdell	2705 Franklin
2112 Waltonia	3045 Sycamore	2904 Adams
3028 Sycamore	2537 Olive	2120 Montrose Ave
2365 Henrietta		

- **Large Water Meter Replacement**

- No Report

- **Developer Jobs**

- 2-inch Meter for Ralph's Shopping Center

- **Water Main Leaks**

- 8-inch Main - 3000 Block of Markridge

- **Valve Replacement**

- Continued cleaning valve cans and exercising valves

- **Fire Hydrant Repair**

- No Report

- **Booster Pump Maintenance**

- No Report

- **Reservoir Maintenance**

- No Report

- **Sewer Maintenance – July 1, 2020 – July 31, 2020**

- Sewer root removal at La Granada Way/Vista Ct and 2200 block Crescent

- **Sewer Lift Station**

- No Report

- **Training**

- No Report

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

July 1 - July 31, 2020

Well Production:	53,403,800	Gals		
GWP Production:	5,351,000	Gals		
Gravity Production:	1,264,200	Gals	% GW	43%
Purchased Water:				
FMWD:	79,201,035	Gals		
City of Glendale:	0	Gals	% Import	57%
TOTAL:	139,220,035	Gals		
	427.25	ac-ft		

Glenwood Nitrate Water
Reclamation Plant:*

0

*Included in Well Production

WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
July 1 - July 31, 2020	4,501,659	
July 1 - July 31, 2019	4,136,085	8.8%
5-yr Average - July 2015 - 2019	3,989,366	12.8%

RAINFALL: July 1 - July 31, 2020 0.00"

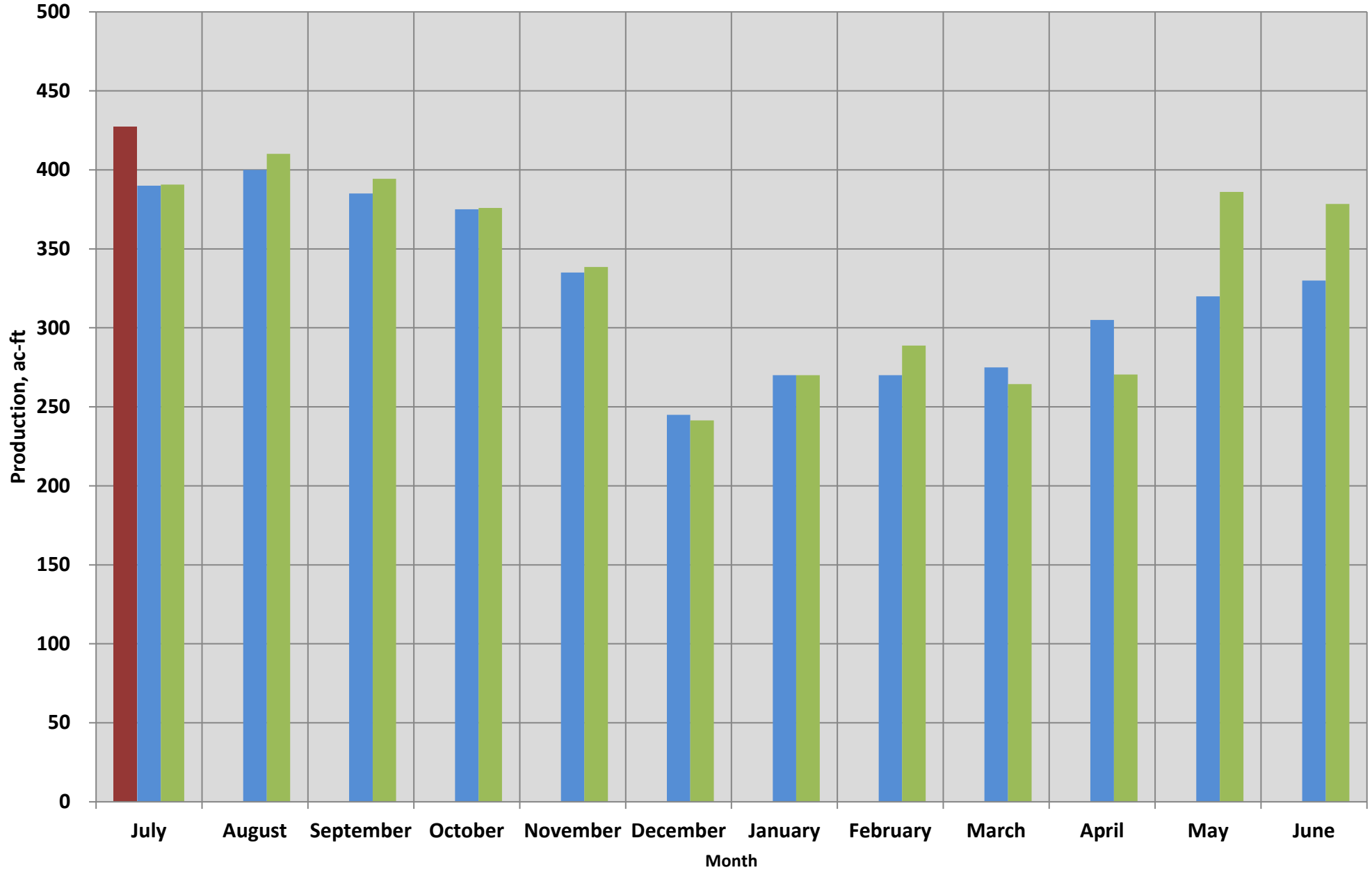
Season-To-Date: 20.52"

2020/21 Fiscal Year Water Production			WY 19/20 - Groundwater Production Water Rights		GWP (Well 16) Water Production - 2020		Purchased Water Production Tier 2 Allocation - 2020	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	427	390	October	166	January	0	January	102
August		400	November	171	February	0	February	130
September		385	December	161	March	0	March	102
October		375	January	168	April	7	April	111
November		335	February	158	May	17	May	205
December		245	March	163	June	14	June	204
January		270	April	153	July	16	July	243
February		270	May	165	August		August	
March		275	June	161	September		September	
April		305	July	168	October		October	
May		320	August		November		November	
June		330	September		December		December	
Total to Date	427	390	Total to Date	1,632	Total to Date	54	Total to Date	1,096
Projected	3,937	3,900	Water Rights	3,294			Tier 2	2,154
% of Projected	11.0%	10.0%	% of Rights	50%			% of Allocation	51%
Remaining	3,473	3,510	Remaining	1,662			Remaining	1,058

NOTE:

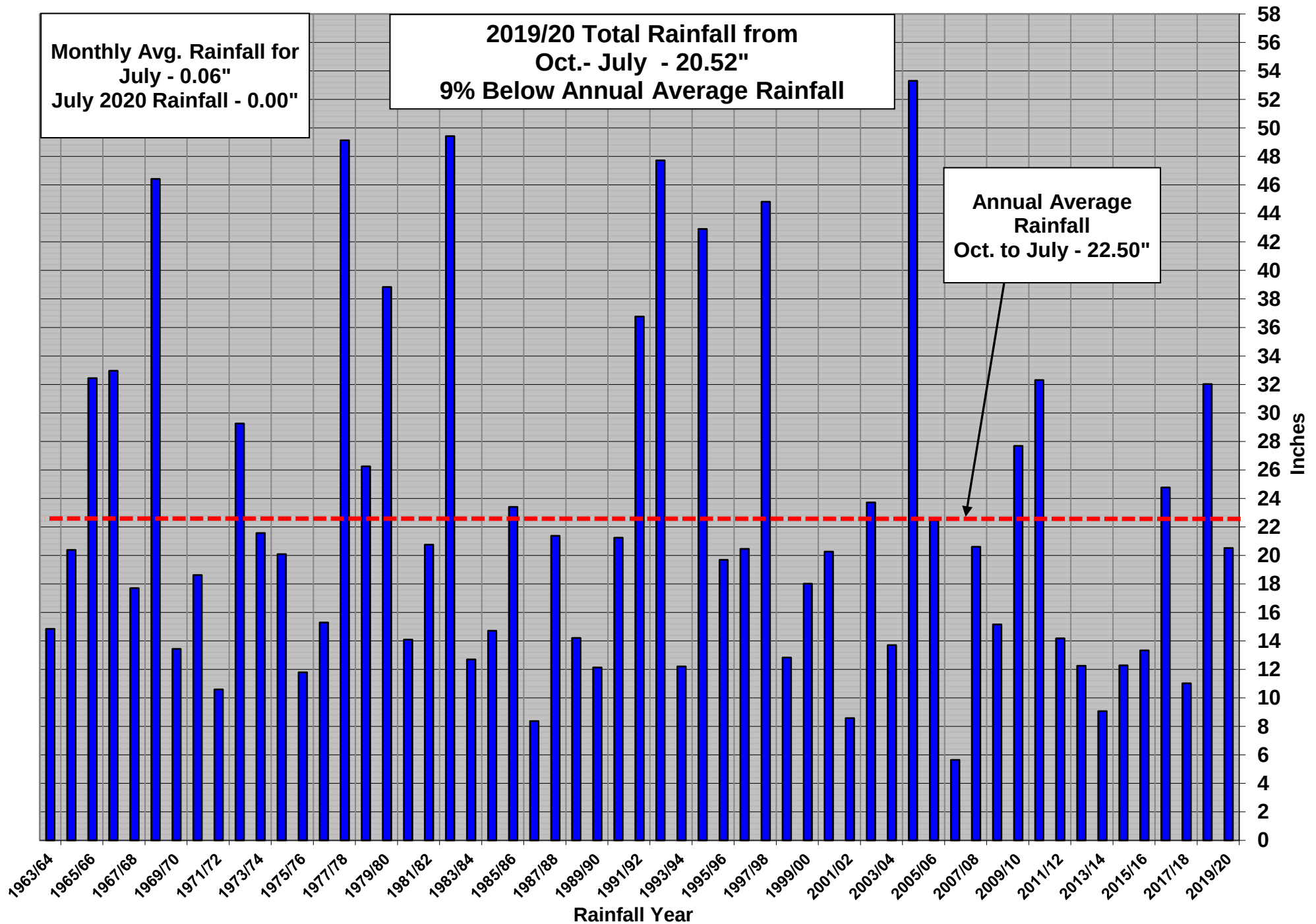
1) Blue Numbers = Estimated Water Production

Monthly Water Production: FY 20/21 Actual, FY 20/21 Projected & FY19/20 Actual



■ FY 20/21 Actual ■ FY 20/21 Projected ■ FY 19/20 Actual

Monthly Rainfall - 1963/64 - 2019/20 (Oct.- July)



Groundwater Production vs. Rainfall - FY 00/01 to FY 19/20

