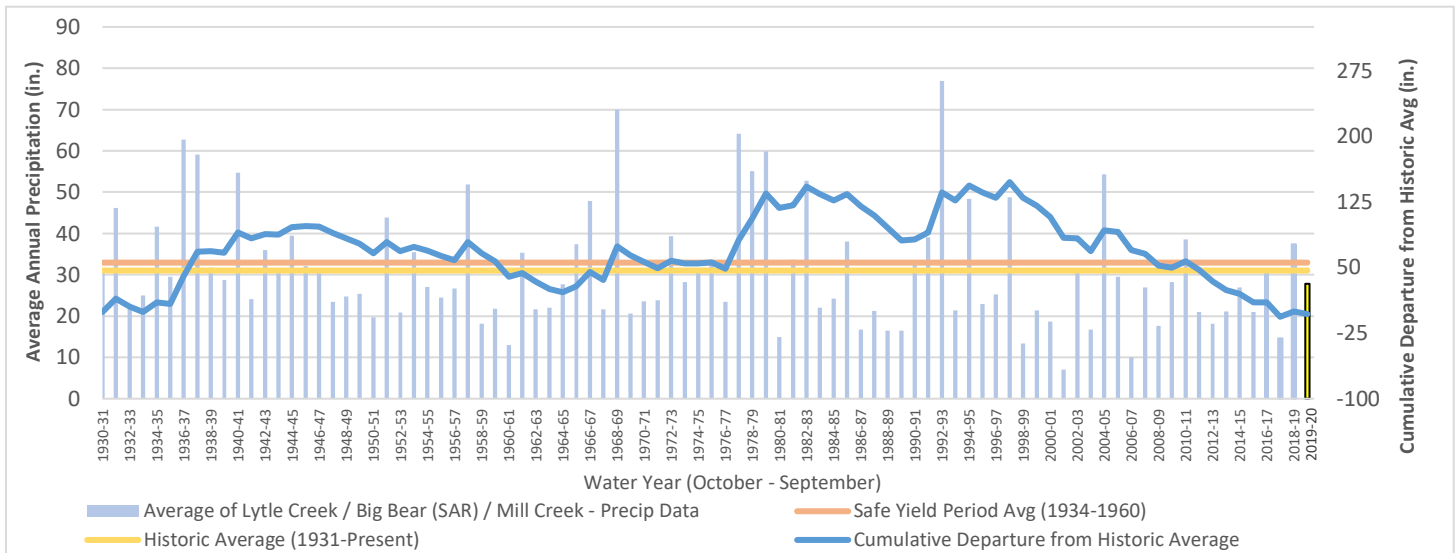


2020 Regional Water Management Plan

June

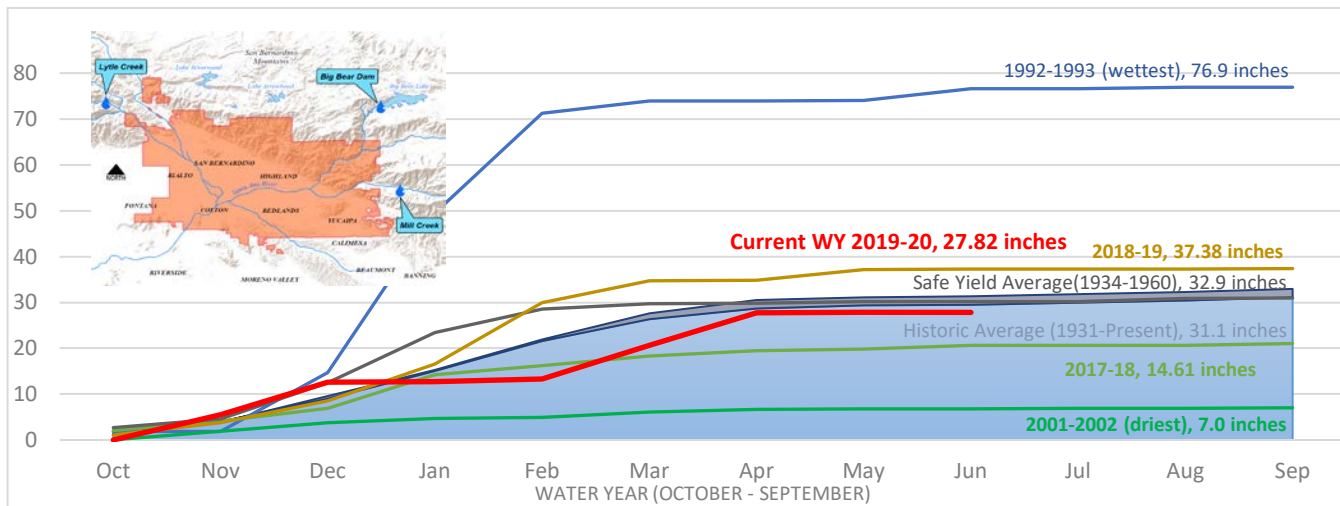
SBBA THREE STATION PRECIPITATION INDEX - CUMULATIVE DEPARTURE FROM THE MEAN

Below Average



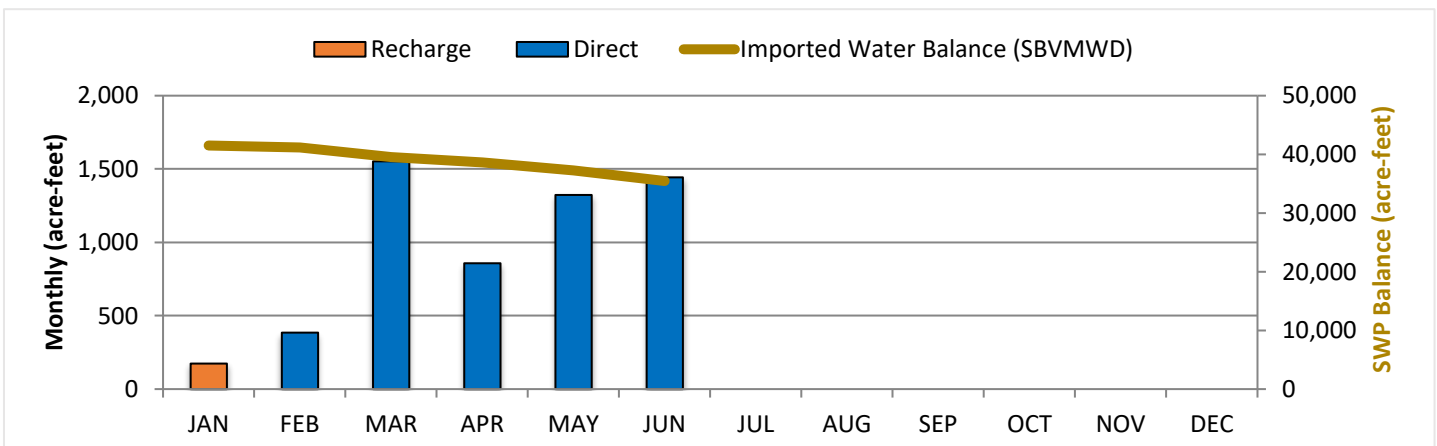
SBBA THREE STATION PRECIPITATION INDEX - MONTHLY

27.82 INCHES



2020 IMPORTED WATER SUPPLY PORTFOLIO BALANCE

35,915 AC-FT

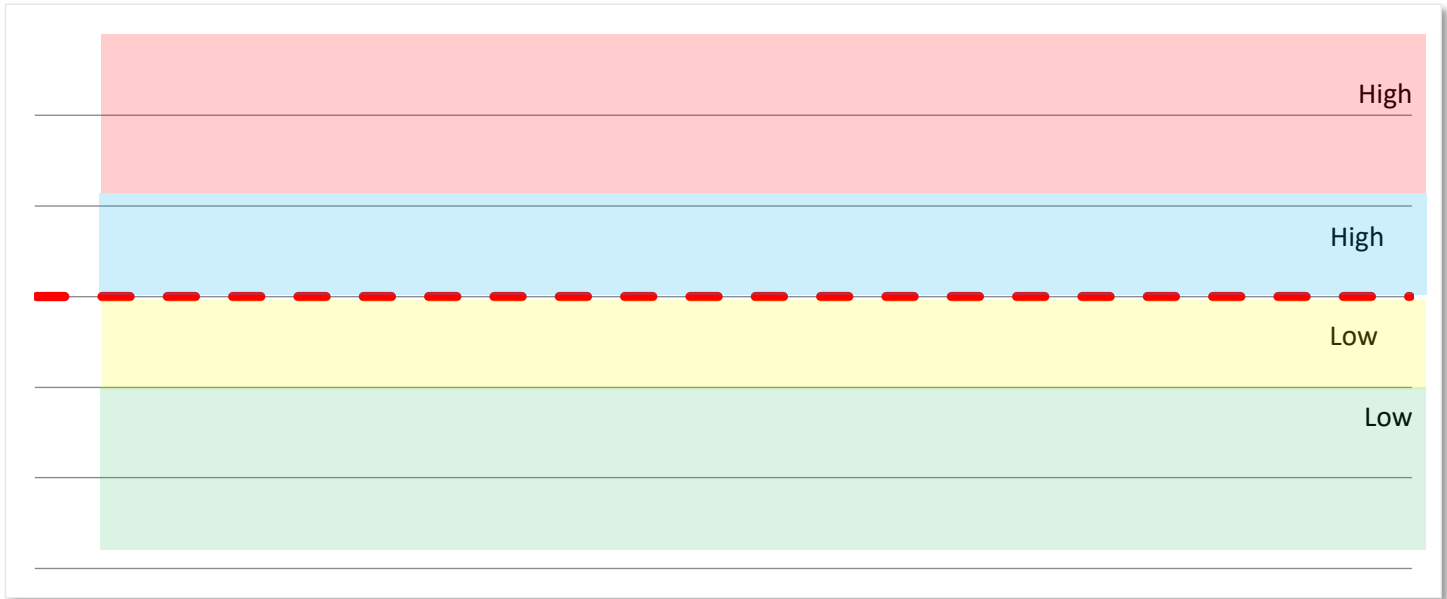


2020 Regional Water Management Plan

June

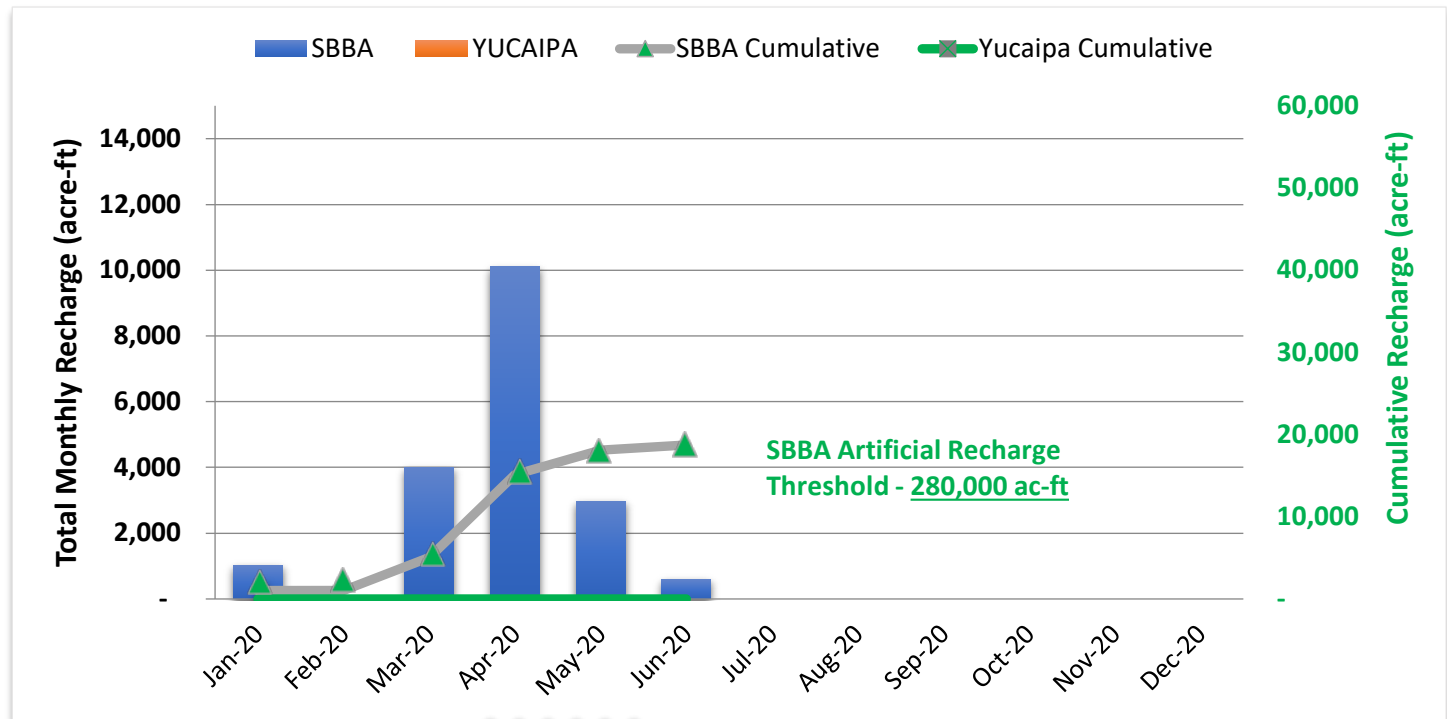
LIQUEFACTION POTENTIAL IN THE SBBA (Avg. Backyard Well, D4, D5 and D6)

Data Unavailable



ARTIFICIAL RECHARGE

18,735 AC-FT

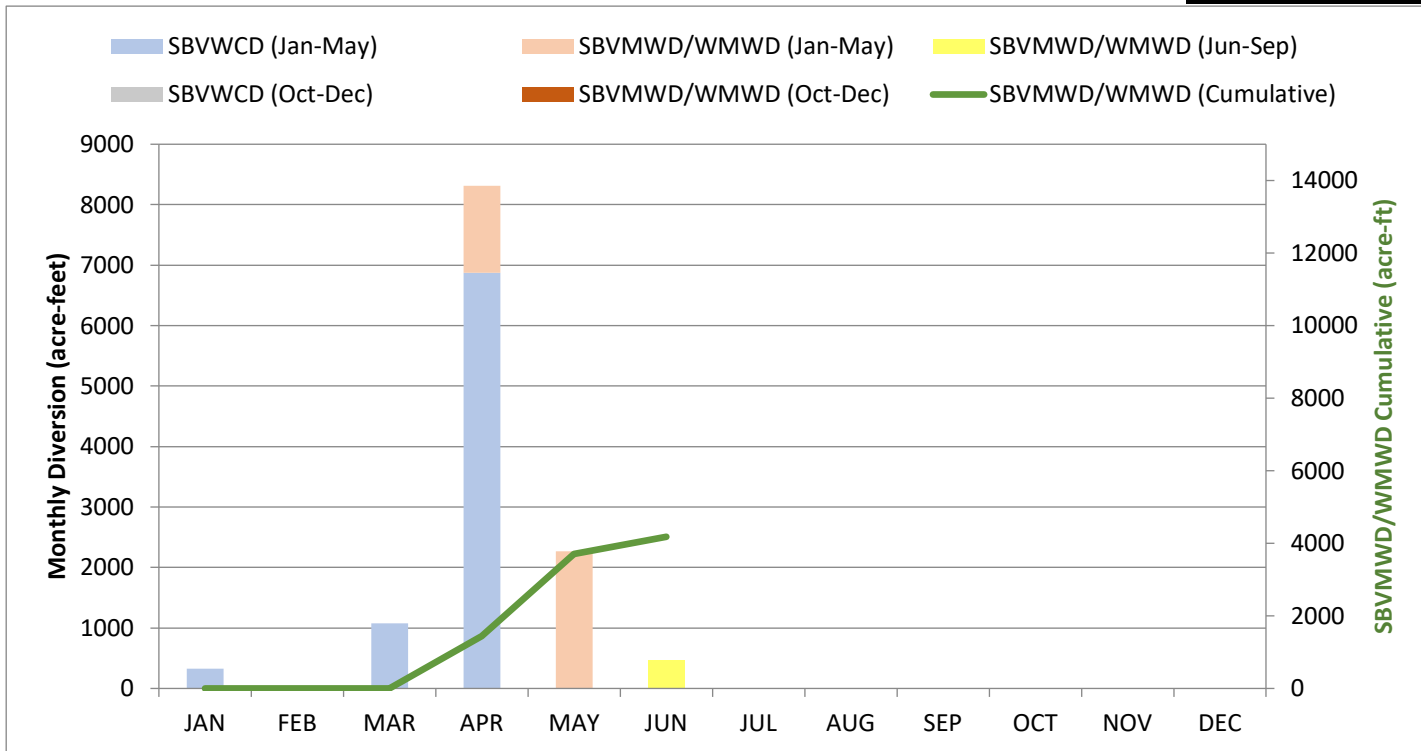


2020 Regional Water Management Plan

June

2020 SANTA ANA RIVER DIVERSIONS - PARSHALL FLUME

4,180 AC-FT



2020 Regional Water Management Plan

June

WATER SUPPLY

	Jan 2020 to Dec 2020	Storage Program	June
SBVMWD/WMWD Santa Ana River Diversions in 2020:			
Direct delivery			
Artificial Recharge (17% required by Riverside Agreement unless credits)			100%
Exchange (long-term storage/banking, 40 cfs max)			
Additional San Bernardino Basin Area pumping:			
Imported Water Portfolio for 2020:			
Available:			
Carryover to 2020			11,471
Entitlement for 2020 (20%)			20,520
Kern - Delta Water Bank (5,000 af/yr maximum)			5,000
Multi-year Demo			
Big Bear Lake (stored)		742	
Big Bear Lake (Delivered)			
Yuba Accord			4,598
Palmdale Exchange			
Dry year yield program			
Purchase additional imported water			
TOTAL SUPPLIES	-	742	41,589
Demands:			
Direct Deliveries			(5,562)
Recommended uses for State Water Project Water in 2020:			
Short-term (carryover) storage for direct deliveries			
Artificial Recharge			(173)
Facility Storage			(396)
Long-term storage/banking			
Sale to MWDSC			
Palmdale Exchange (delivery to Palmdale)			
Sale to Crestline-Lake Arrowhead Water Agency			
Exchange to Crestline-Lake Arrowhead Water Agency			
Exchange to Santa Clara			
True up with DWR meters			456
TOTAL USE	0		(5,674)
BALANCE	-		35,915

ARTIFICIAL RECHARGE

	Artificial Recharge Jan 2020 - Dec 2020 (Suggested Max)	June			
		Local	SWP	Total	%
San Bernardino Basin Area¹					
1. Waterman Basins & 9. East Twin Creek Spreading Basin	80,500	-	-	-	0%
2. Santa Ana Basins	105,000	12,879	-	12,879	12%
3. Mill Creek Basins	63,000	5,683	172	5,855	9%
4. City of Redlands Spreading Basins	-	-	-	-	0%
5. Bear Valley Spreading Basin	-	-	-	-	0%
6. Santa Ana River Bottom	-	-	-	-	0%
7. Patton Basin	-	-	-	-	0%
8. EVWD Turnout	-	-	-	-	0%
10. Badger Basins	12,250	-	-	-	0%
11. Wiggins Basin	-	-	-	-	0%
12. Devil Canyon & Sweetwater Basins	19,250	-	1	1	0%
13. Gravel Pits	-	-	-	-	0%
14. Lower Lytle Creek Basins (proposed)	-	-	-	-	0%
Sub-total SBBA	280,000	18,562	173	18,735	7%

% in each basin
Based on 2011 model

29%
38%
23%
0%
0%
0%
0%
0%
4%
0%
7%
0%
0%

¹ Suggested maximum recharge values. See Appendix F.

² Due to shallow groundwater levels in this area, exceeding this value may result in rejected recharge at this location.

Rialto-Colton Basin				
Yucaipa Basin	3,500			
Riverside North Basin				
SBVMWD Recharge in Riverside North (Watermaster Table No. 17C)	5,611			
Other	-			
Sub-Total R-C, Yucaipa, Riverside North		0	0	

TOTAL RECHARGE JUNE 2020	18,562	173	18,735
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