PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 5, 2026

ROUTINE STATUS REPORTS
ITEM 1

Hydrologic Conditions Report

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Project Status Report

Project: **Hydrologic Conditions Report**

Date: June 5, 2026

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This memorandum summarizes rainfall, surface water conditions, and the Authority's current water storage and supply conditions for the month of April, and the preceding 13-month period.

Rainfall Conditions & Projections

Table 1 summarizes rainfall conditions for the 13-month period from April 1, 2025, through April 30, 2026. Rainfall in the Peace River Basin for the past 12-months totaled 43.89 inches, which is 8.41 inches below the long-term historical average of 52.30 inches. Rainfall for the month of April 2026 totaled 2.31 inches, a value 0.19 inches below the historical monthly average of 2.50 inches for April.

Table 1 (Peace River Basin Rainfall - Inches)

Month	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	12 Mo Total
Historical Avg Rainfall[1]	2.50	4.00	8.40	8.10	7.70	7.30	3.10	1.70	1.90	2.20	2.50	2.90	2.50	52.30
Actual Rainfall[2]	0.37	8.82	6.81	7.47	6.06	4.33	2.20	0.30	1.14	0.82	1.63	2.00	2.31	43.89
Diff. Historical vs Actual	-2.13	4.82	-1.59	-0.63	-1.64	-2.97	-0.90	-1.40	-0.76	-1.38	-0.87	-0.90	-0.19	-8.41

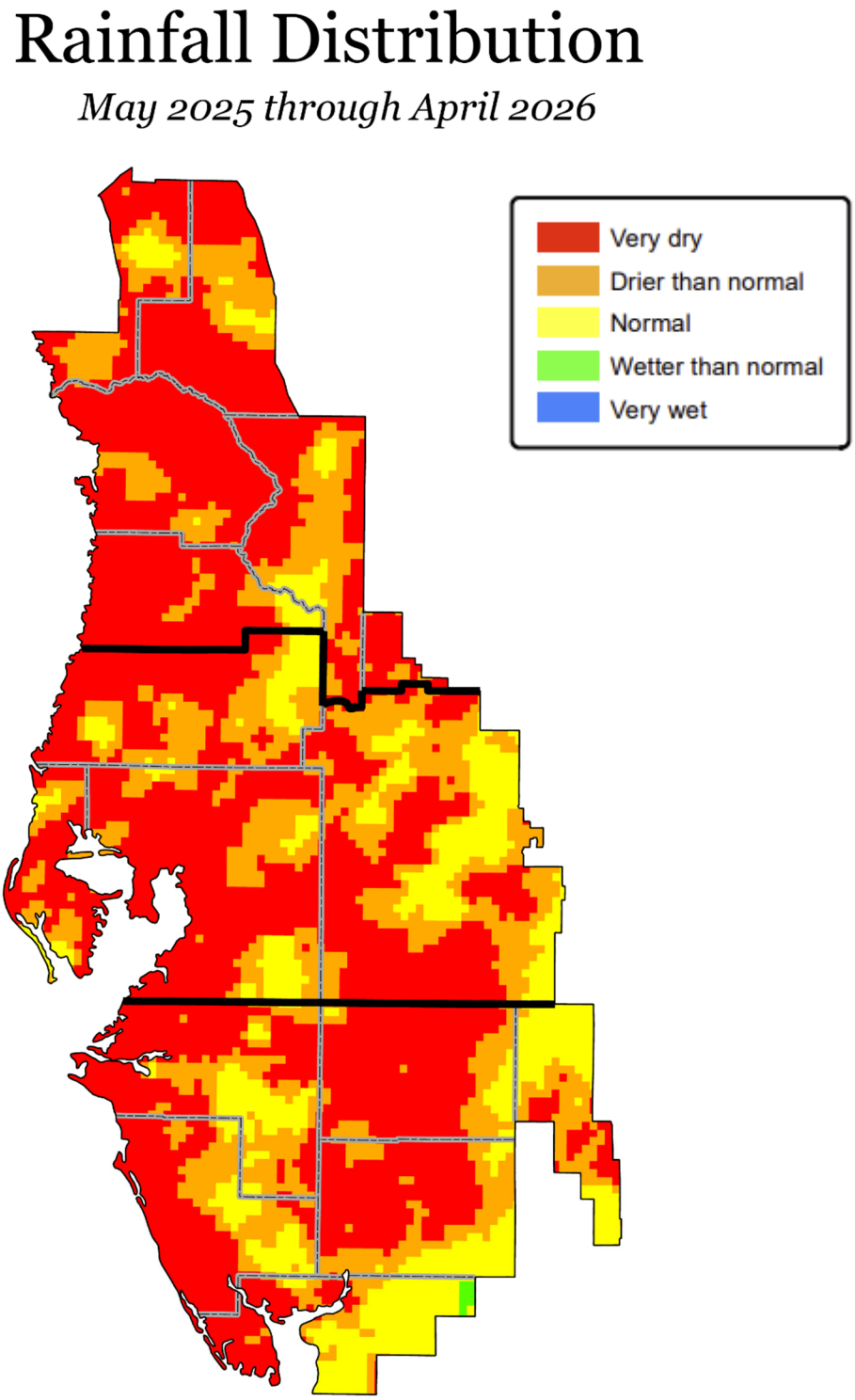
[1] Historical rainfall data are the long-term average of the Winter Haven, Bowling Green, and Joshua at Nocatee Rainfall Stations.

[2] Actual rainfall data are average values for the Winter Haven, Bowling Green, and Joshua at Nocatee Rainfall Stations.

Figure 1 provides region-wide rainfall conditions as reported by SWFWMD for the 12-month period ending April 2026. Data shown for the Authority's 4-county service area indicates wetter than normal to very dry conditions for most of Charlotte County, and normal to very dry conditions for most of Manatee, Sarasota and DeSoto Counties. The overall inland Peace River Basin indicates wetter than normal to very dry conditions from Polk to DeSoto Counties over the last 12 months.

NOAA projections for the next three months (May 2026 - July 2026) are leaning above normal temperatures and leaning above normal rainfall for Southwest Florida. ENSO-neutral conditions are present and are favored through April – June 2026 (80% chance). In May – July 2026, El Nino is likely to emerge (61% chance) and persist through at least the end of 2026.

Figure 1 (SWFWMD Rainfall Conditions Map)



River Flow Conditions

Figure 2 provides the locations of the three U.S. Geological Survey gauges that are used to regulate Authority withdrawals from the Peace River: 1) Peace River at Arcadia, 2) Horse Creek at Arcadia, and 3) Joshua Creek at Nocatee. Flow conditions at these gauges are discussed below:

The combined flow at the three gauges listed above was below the historical average for March 2026 and April 2026. **Figure 3** provides a hydrograph of combined flows plotted against the historical average and the 130 cfs lower limit for withdrawals.

Figure 2 (Peace River Basin Showing Selected Gauge Locations with ★)

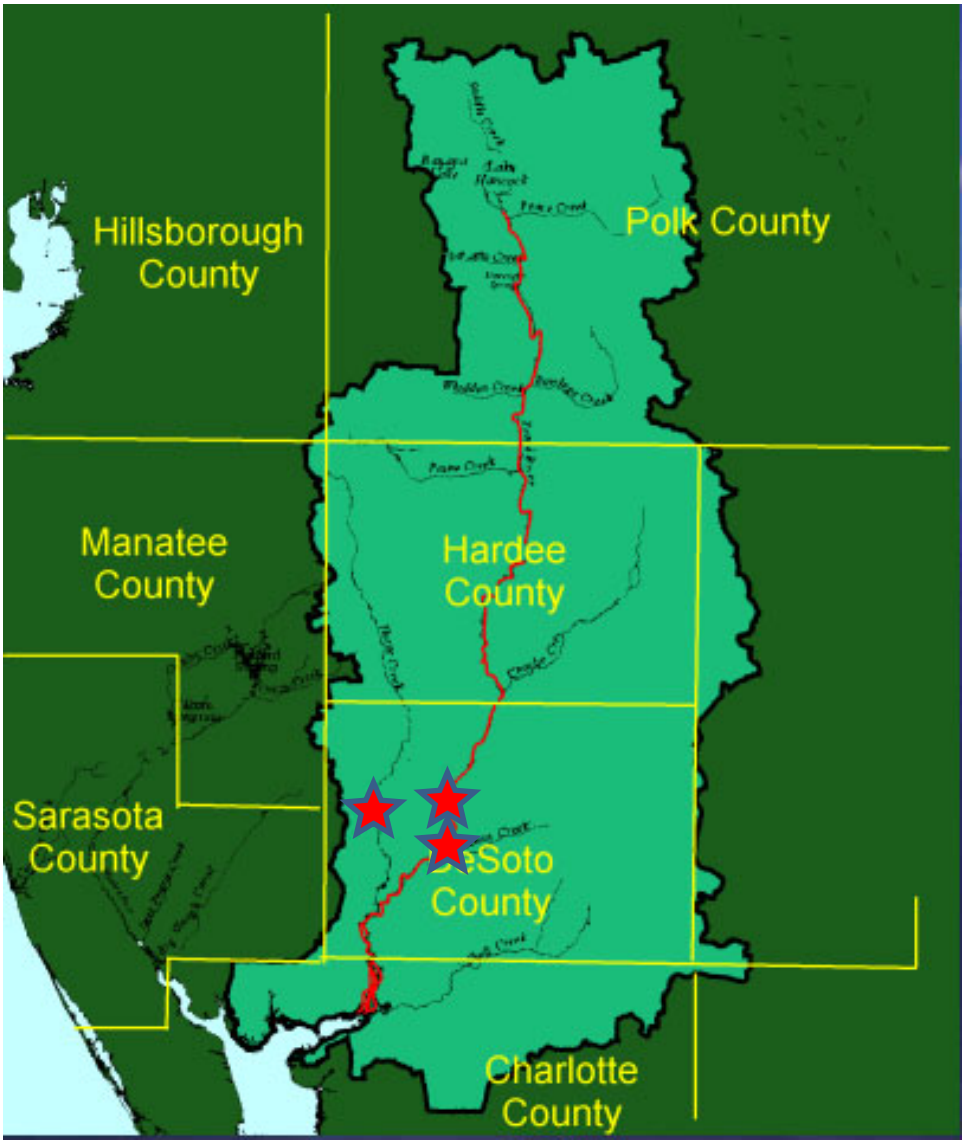
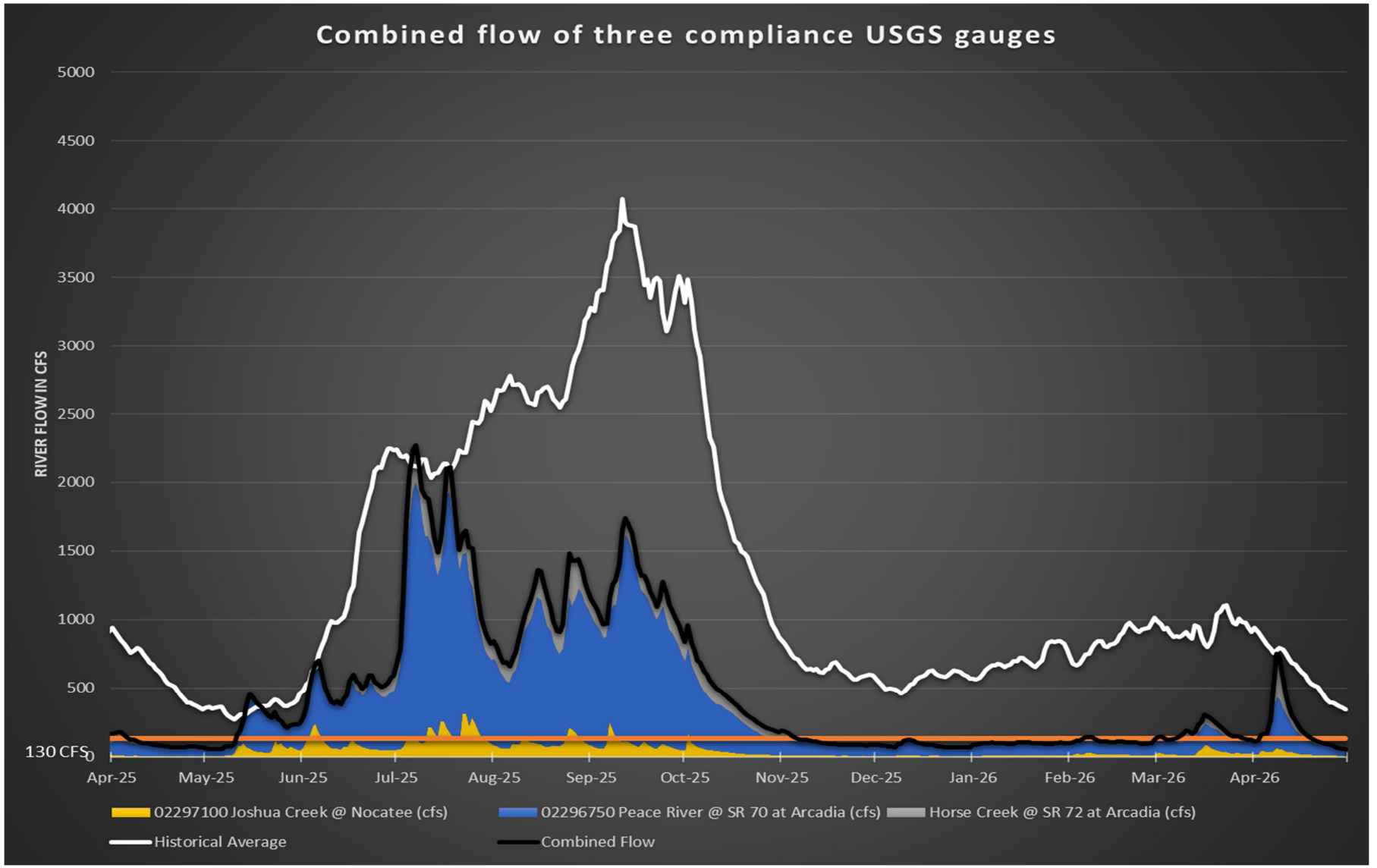


Figure 3 – HYDROGRAPH OF COMBINED FLOWS OF THREE STATIONS



River Withdrawals, Finished Water Production, & Demand (April 2025 – April 2026)

Figure 4 provides average daily river withdrawals for each of the last 13 months at the Peace River Facility in million gallons per day (MGD). Average withdrawals for April 2026 (25.5 MGD) were 25.5 MGD higher than those that occurred in April 2025 (0 MGD).

Figure 4

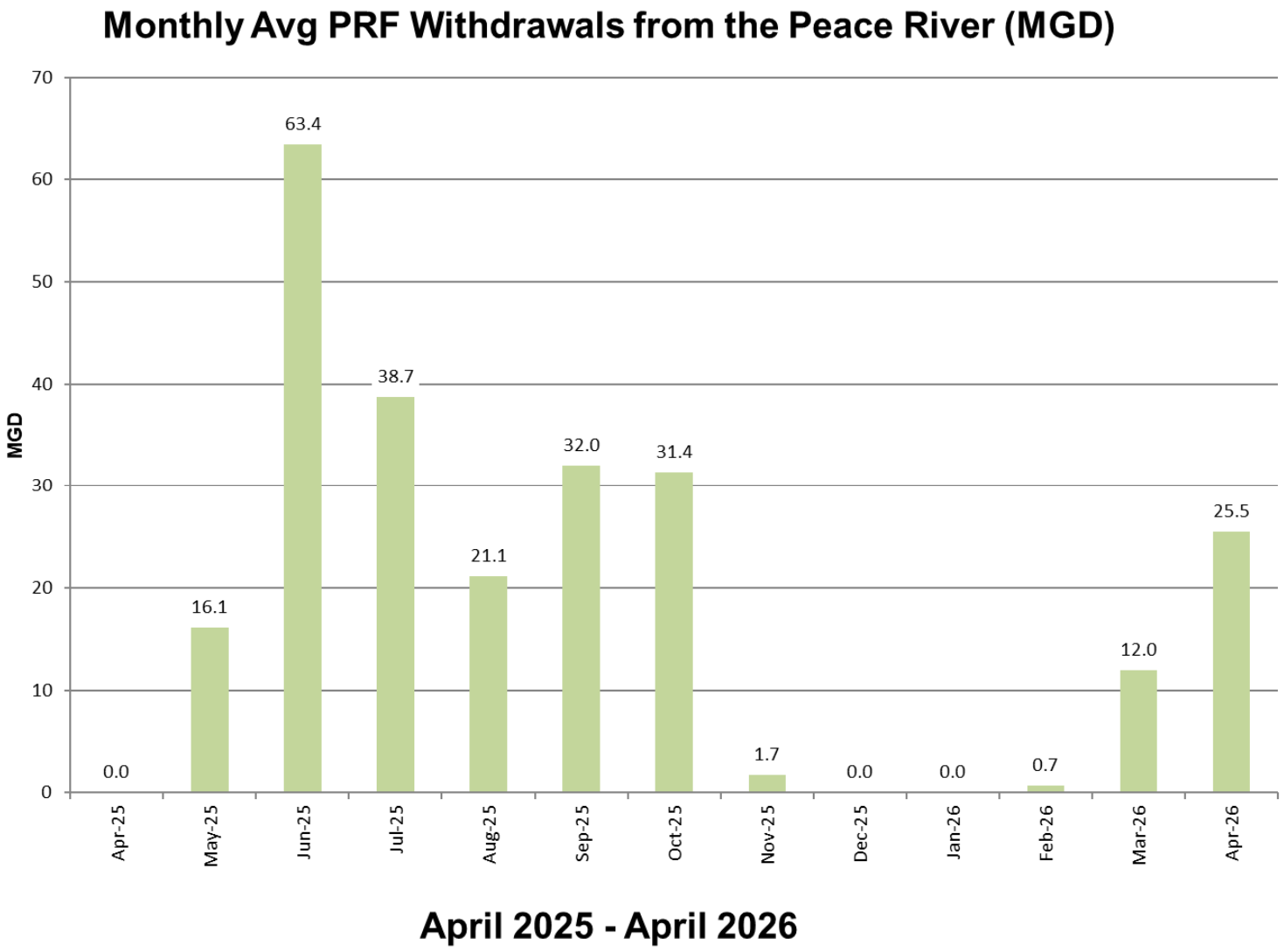
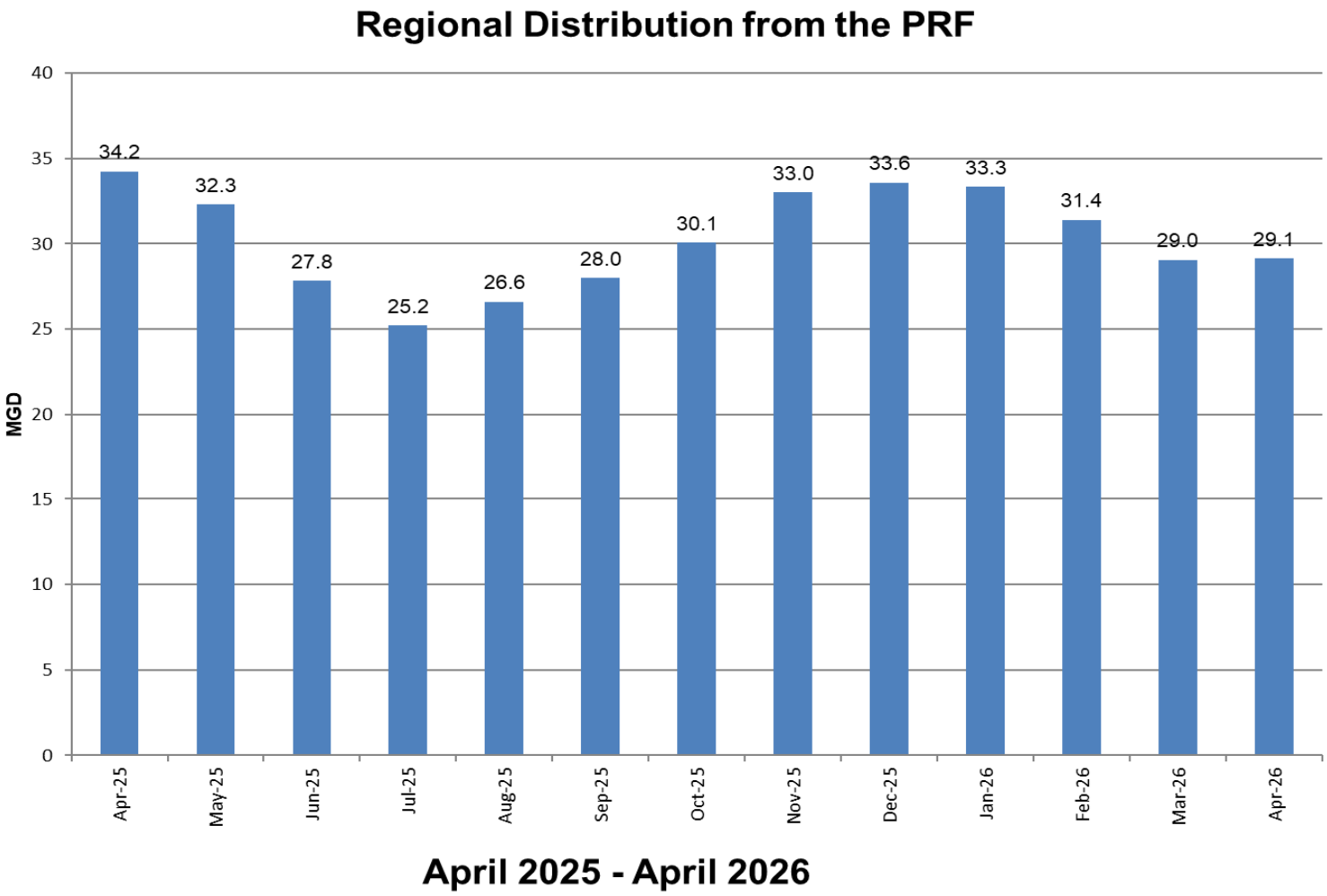


Figure 5 shows average daily finished water distributed to the regional network for each of the last 13-months in MGD. Finished water distribution averaged 29.1 MGD in April 2026, approximately 5.1 MGD less than in April 2025.

The routine exchange of water with the City of Punta Gorda is ongoing with deliveries from the Region to the City south through the Phase 1 Pipeline on US 17 and return of flow from the City to the region north through the Phase 1A Pipeline. The exchange of water through regional pipelines maintains these facilities in a "ready-to-serve" condition at all times.

Figure 5



Stored Supplies at the PRF

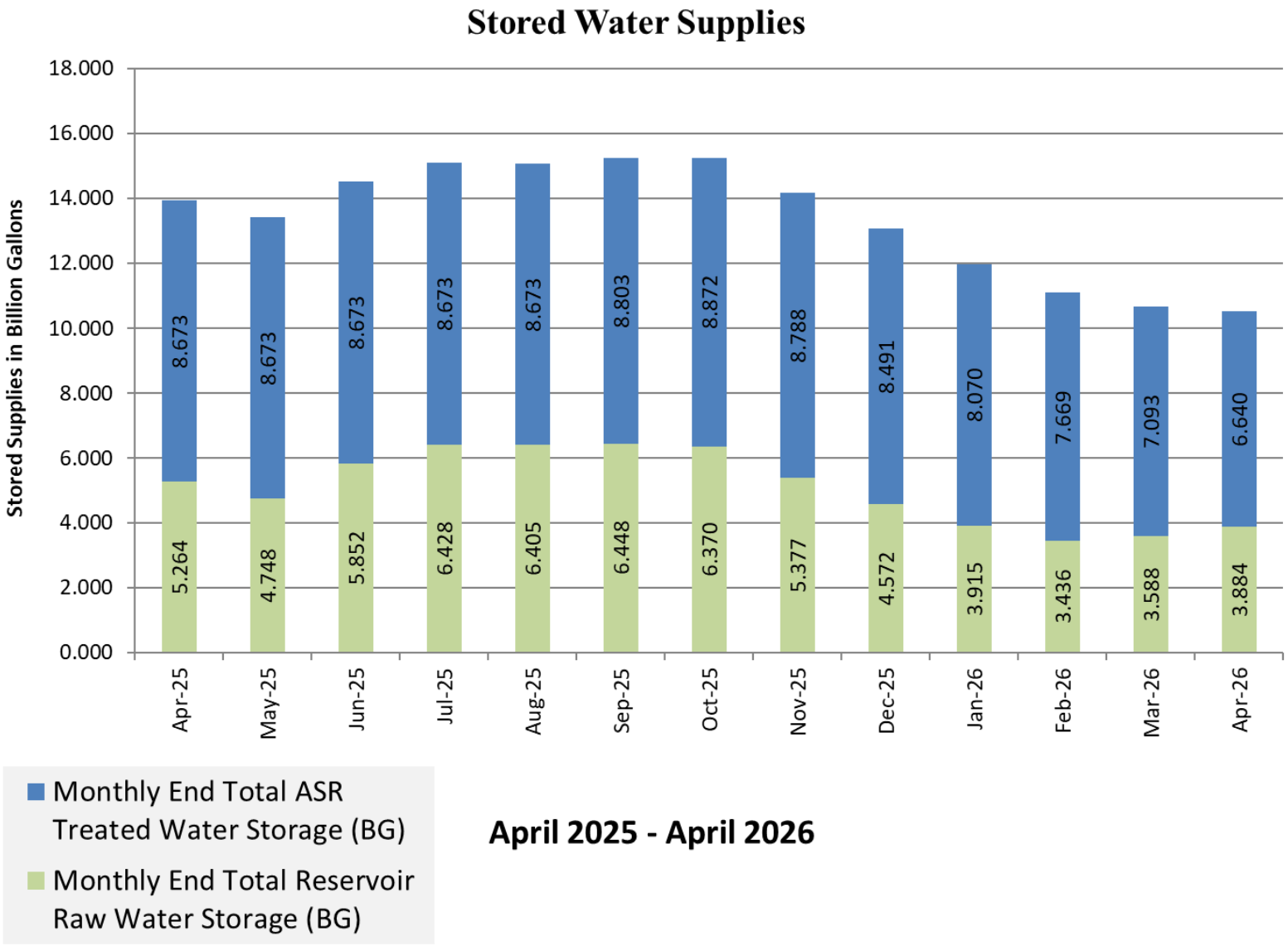
The Authority maintains two large capacity off-stream storage systems at the PRF. The primary storage is raw river water stored in Reservoir No. 1 and No. 2. When the flow in the River is high enough, a small percentage of that flow is harvested at the Authority's river intake pumping facility on the Peace River consistent with the permit-authorized diversion schedule and is stored in Reservoirs 1 and 2. Storage volumes in the reservoirs generally decline in the dry season due to lower flows and increase during the wet season as rainfall, flows, and river diversions increase. During the hurricane season the permitted total combined raw water storage capacity in Reservoirs 1 and 2 is 6.5 billion gallons (BG). Outside of hurricane season, additional water can be safely stored up to 6.8 BG. **Total raw water stored in the reservoir system as of April 30, 2026, was 3.884 BG, which was 1.38 BG less than April 2025 (5.264 BG).**

The secondary storage option at the PRF is treated water stored in the Aquifer Storage and Recovery (ASR) system. The ASR system has a design storage capacity of 6.3 BG. However, practical storage capacity is substantially higher as evidenced by the 6.640 BG stored in the ASR system as of April 30, 2026. Because this supply must be fully treated to drinking water standards before storage, it cannot be stored as rapidly as water in the raw-water reservoirs. Filling ASR storage is done incrementally each year during the wet season as excess treatment capacity (due to lower public water supply demand) and hydrologic conditions allow. Water recovered from ASR during the dry season is discharged to the surface reservoir system and undergoes full treatment again with the rest of the raw-water stream before delivery to Authority Customers.

In 2026, recovery from the ASR system began January 1 and continued through April 30, for a total of 1.851 BG. **Total ASR system storage as of April 30, 2026, was 6.640 BG (0.34 BG greater than design storage capacity), and 2.033 BG less than April 2025 (8.673 BG).**

Stored raw water supplies (combined storage in Reservoir No. 1 and No. 2) and stored water in the ASR system for the past year are shown in **Figure 6**. **The total water in storage as of April 30, 2026, was approximately 10.524 BG, approximately 3.413 BG less than total storage in April 2025 (13.937 BG).**

Figure 6


Stored Water Supplies
Stored Supplies in Billion Gallons
18.000
16.000
14.000
12.000
10.000
8.000
6.000
4.000
2.000
0.000
8.673
8.673
8.673
8.673
8.673
8.803
8.872
8.788
8.491
8.070
7.669
7.093
6.640
5.264
4.748
5.852
6.428
6.405
6.448
6.370
5.377
4.572
3.915
3.436
3.588
3.884
Apr-25
May-25
Jun-25
Jul-25
Aug-25
Sep-25
Oct-25
Nov-25
Dec-25
Jan-26
Feb-26
Mar-26
Apr-26
Monthly End Total ASR Treated Water Storage (BG)
Monthly End Total Reservoir Raw Water Storage (BG)
April 2025 - April 2026