

NAO Hydrology Study

2018 Reference wetland sites

Legend

- ▲ NAO reference site
- WETs station



Google earth

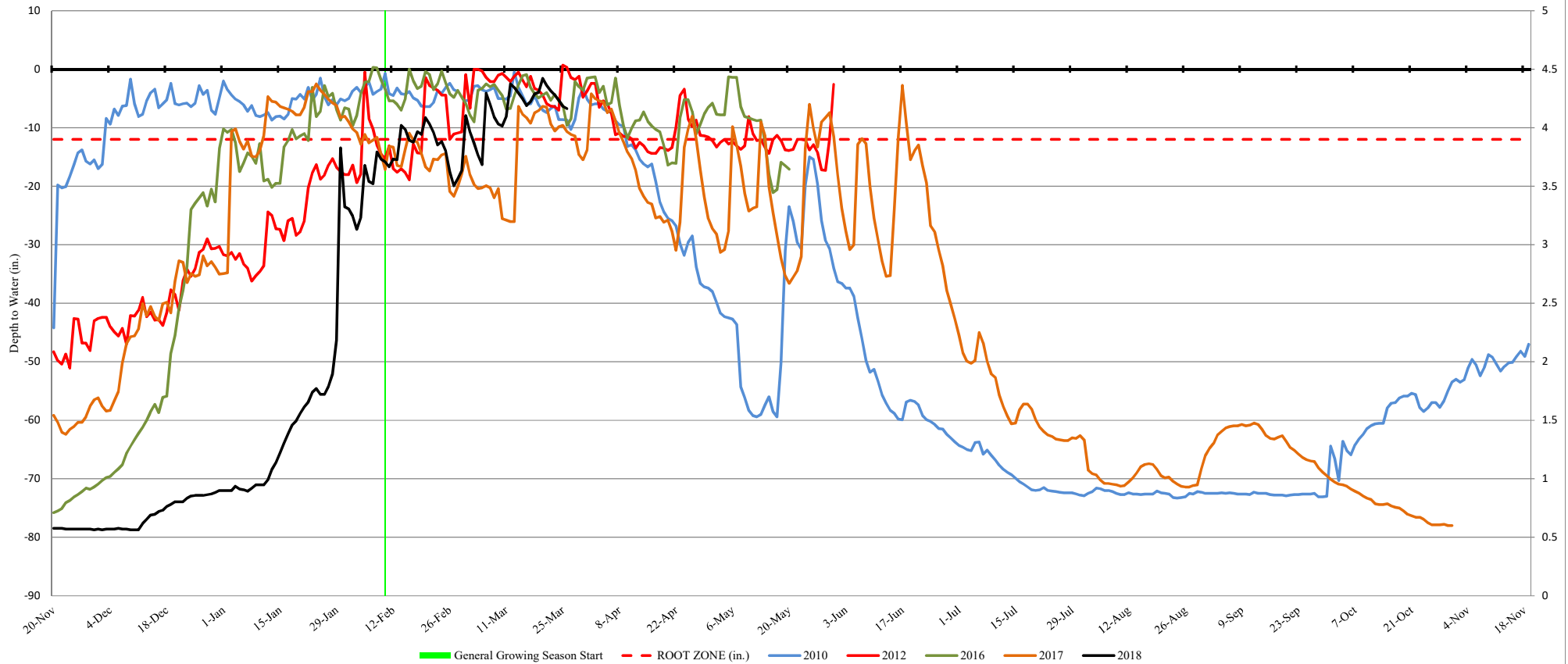
Image Landsat / Copernicus

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Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Su # 3
Combined years

2010 - 43 days in GS
2016 - 55 days in GS
2012 - 51 days in GS
2017 - 14 days in GS
2018 - 20+ days in GS as of 27 March 2018



Stumpy Lake #4 (Well 20)

Combined Years:

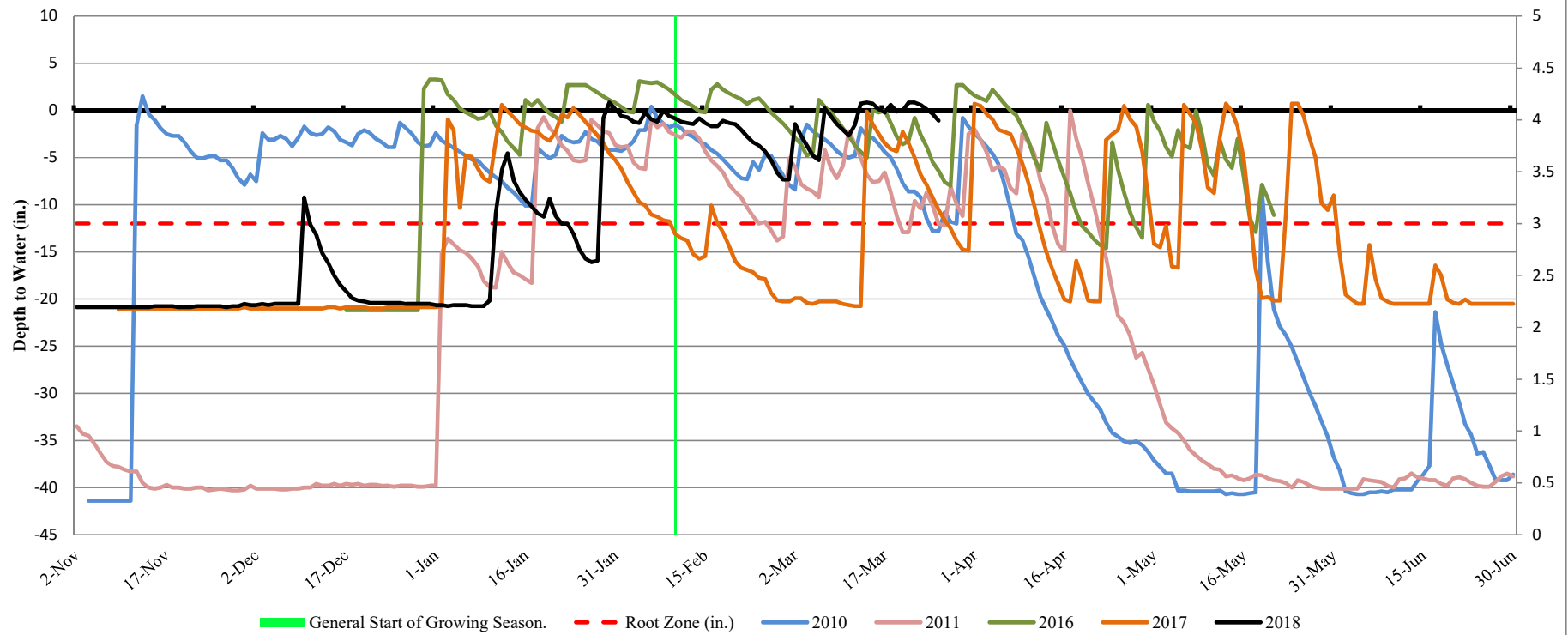
2010 - 146 days

2012 - 48 days

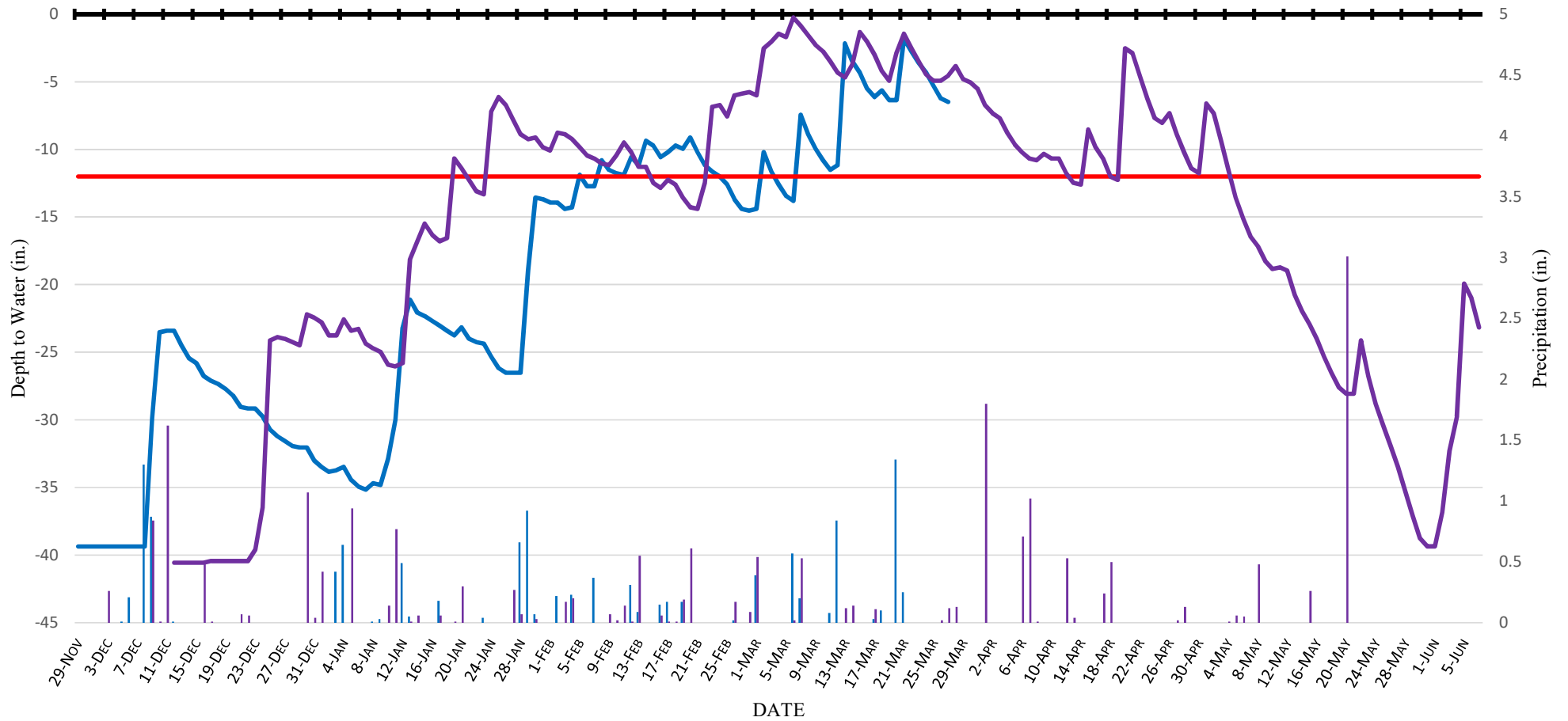
2016 - 112 days

2017 - 14 days

2018 - 42+ days in GS

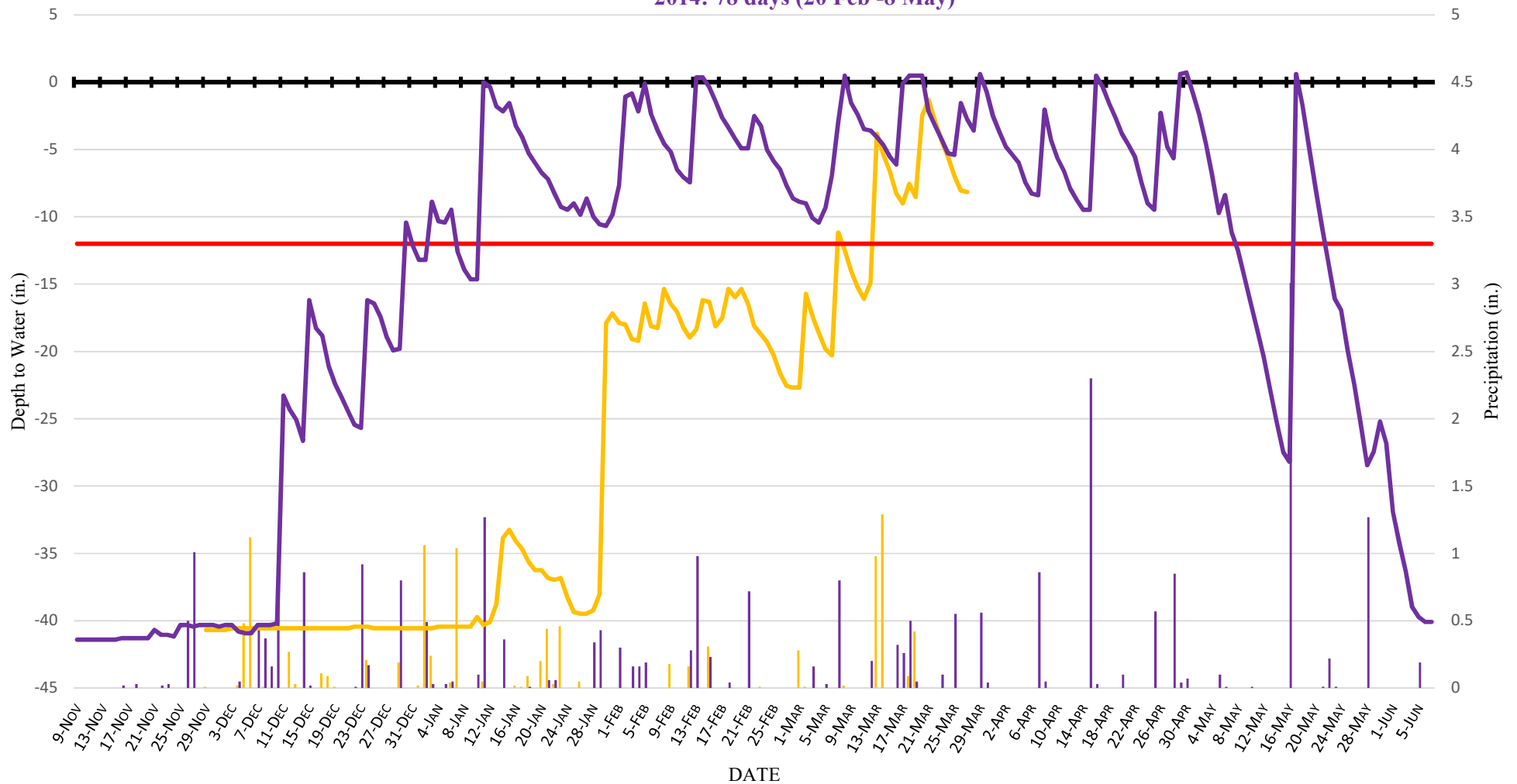


Woodards 4
200 feet from E-W Ditch- Well 5 Transect
2018 vs 2015 hydrographs
consecutive days growing season hydrology:
2018- 21 days year to date
2015- 71 days (23 Feb- 4 May)



Precipitation (in.) 2018 Precipitation (in.) 2015 Depth to Water (in.) 2018 Root Zone (inches) Depth to Water (in.) 2015

Oak Grove #2 (40" well) (old well #3)
2018 vs 2014 hydrographs
consecutive days hydrology in the growing season:
2018: 15 days YTD (15-27 March)
2014: 78 days (20 Feb -8 May)



Precipitation (in.) 2018

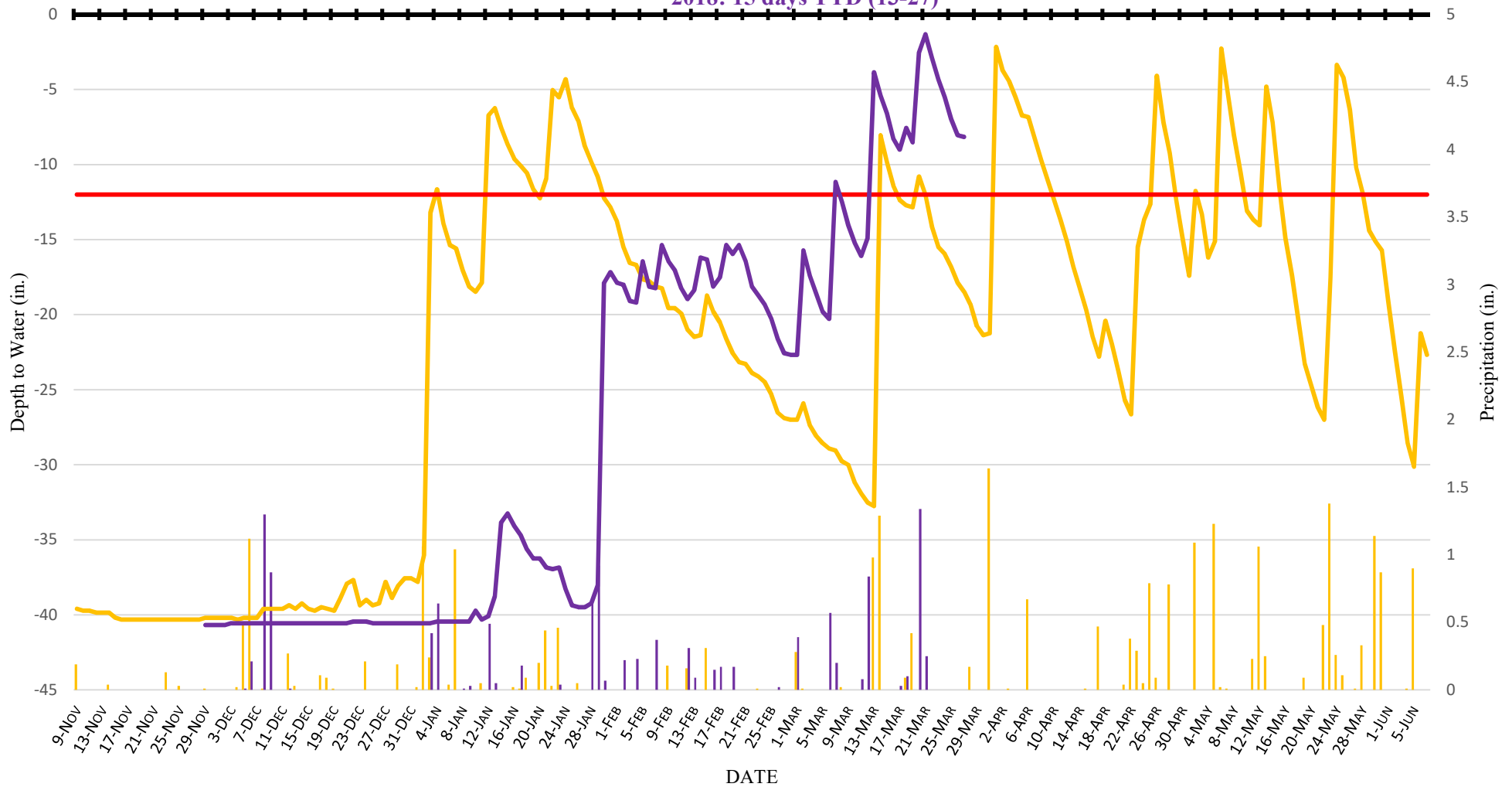
Precipitation (in.) 2014

Depth to Water (in). 2018

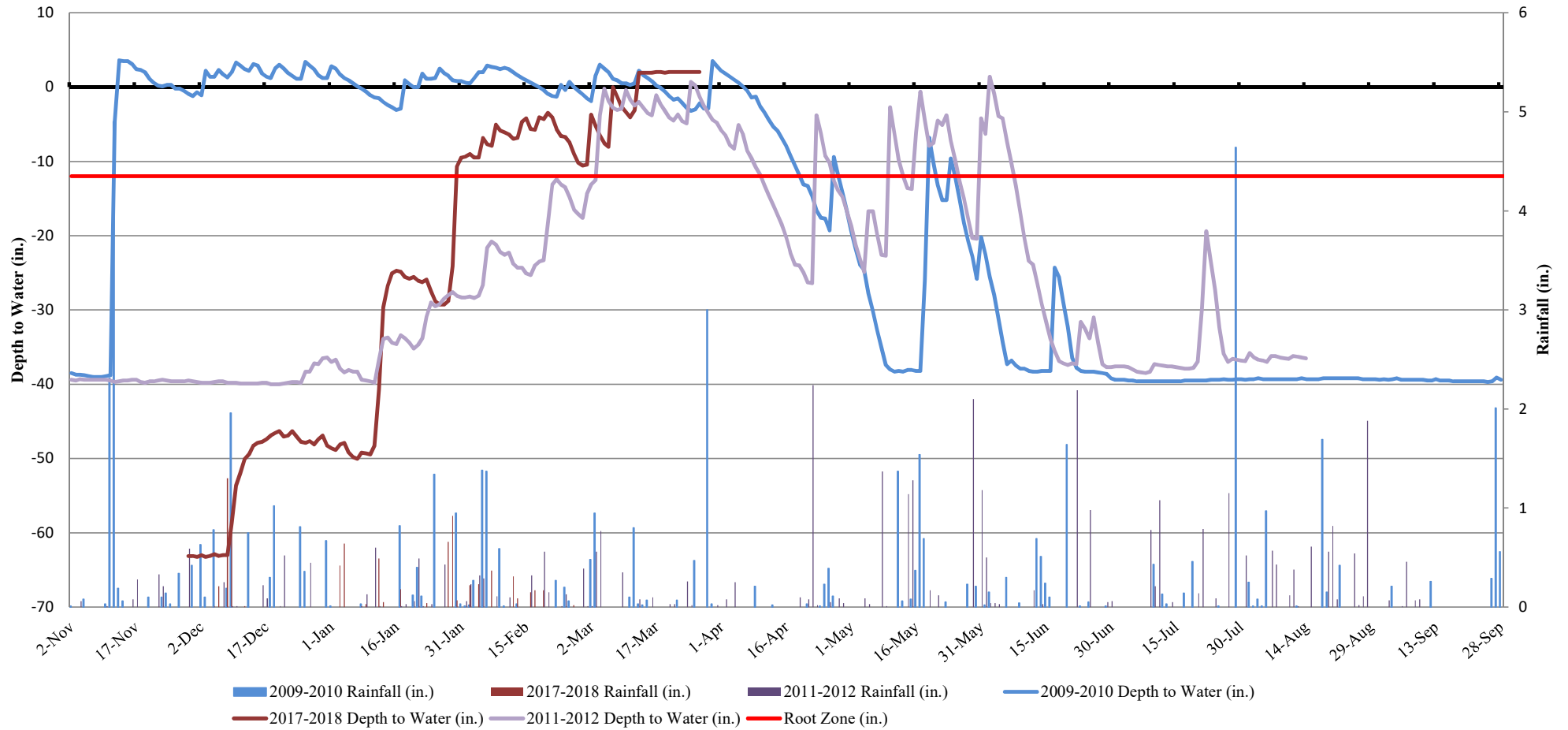
Root Zone (inches)

Depth to Water (in). 2014

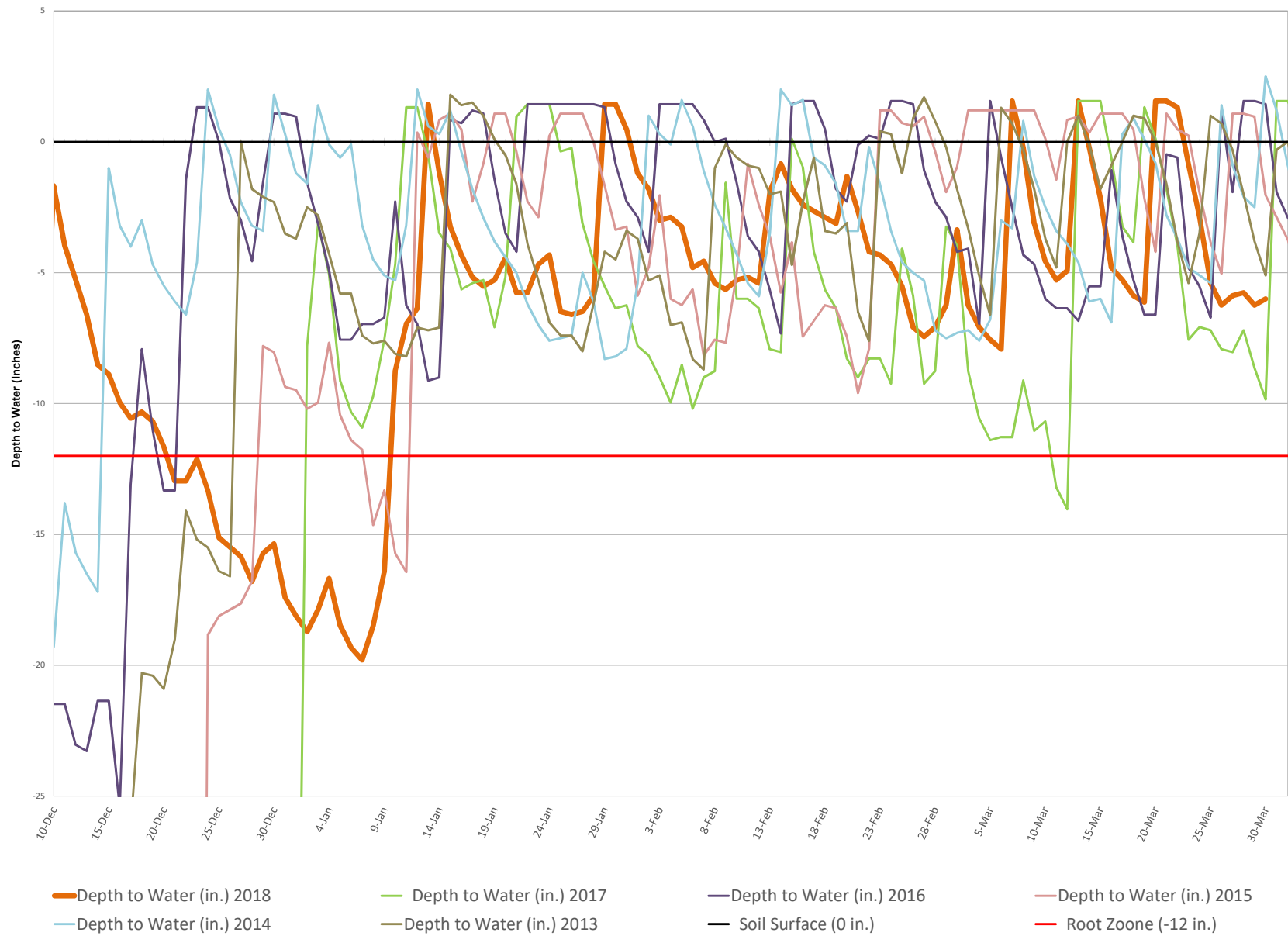
Oak Grove #2 (40" well) (old well #3)
2017 vs 2018 hydrographs
consecutive days hydrology in the growing season:
 2017: 9 days (maximum) (1-9 April)
 2018: 15 days YTD (13-27)



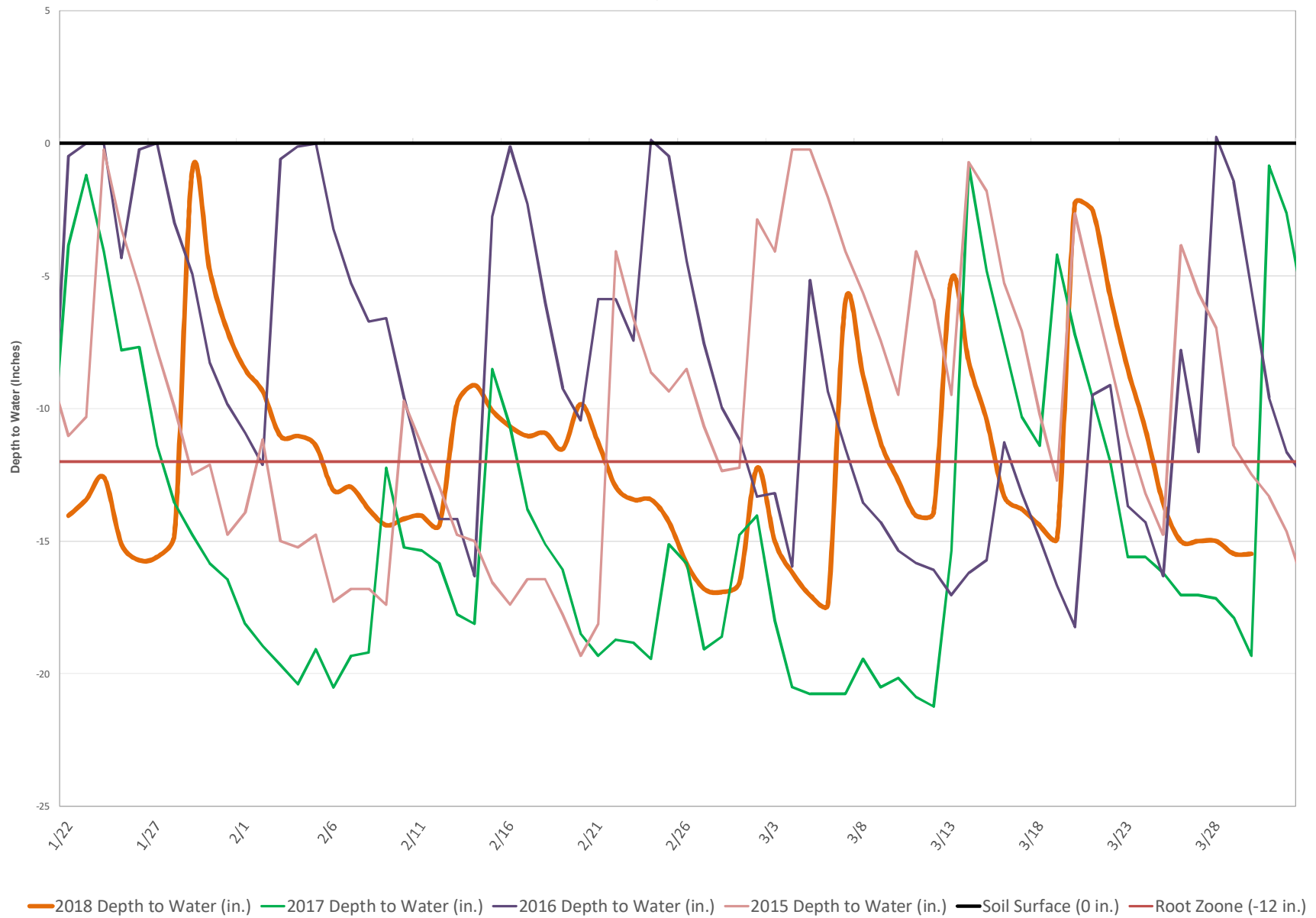
Oak Grove #3 (Reference)
Combined Years Hydrology w/in 12 inches:
 2018 - 57 days (up to March 27)
 2010 - total 159 days ("wet year") (Nov- Apr)
 2012 - 38 days ("dry year") (March 4- Apr 10)



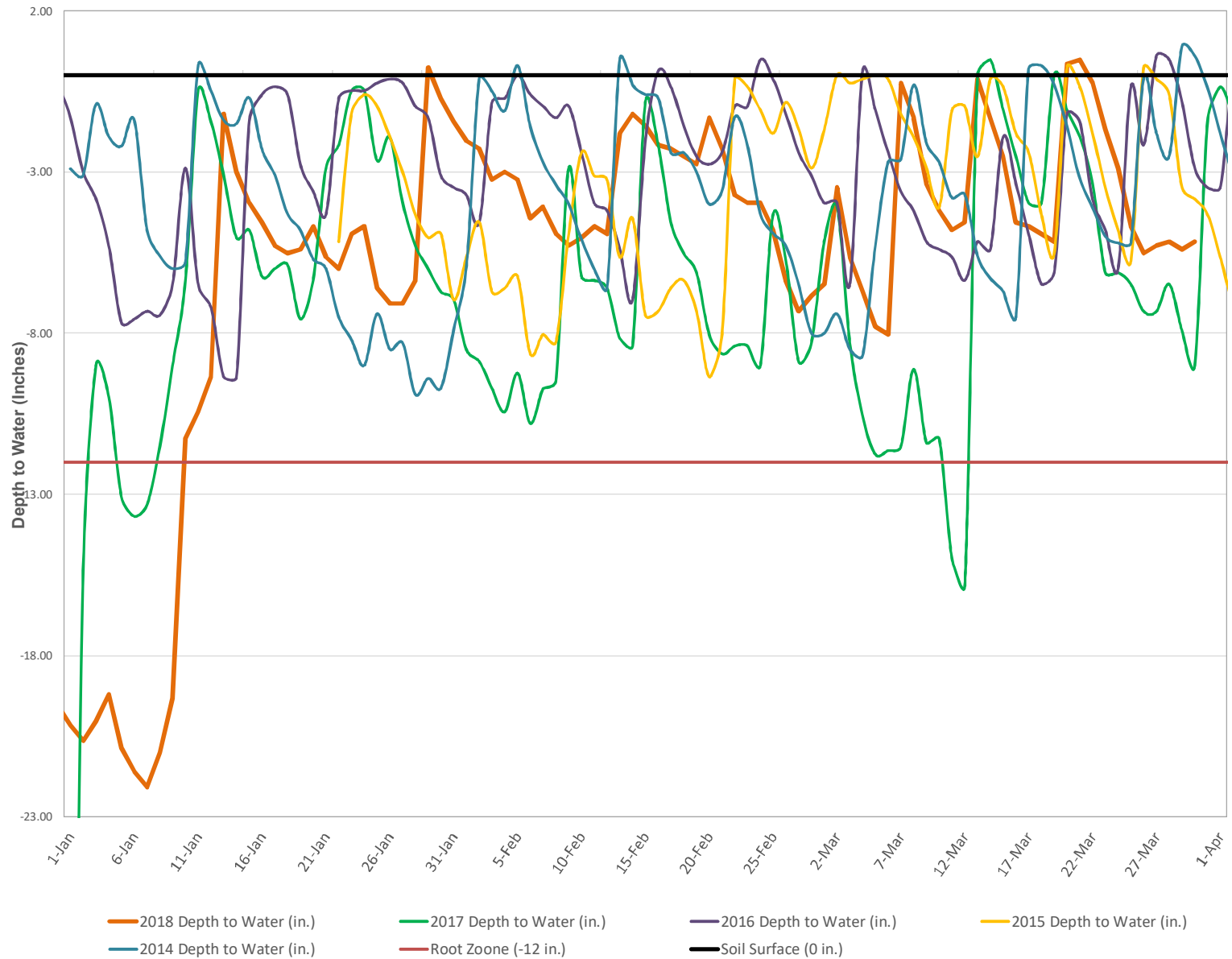
BP Amoco Well #1 (43688)
 80-Inch Well - Combined Years
 Updated: 31-March-2018



BP Amoco Well #2 (6179)
Non-Hydric Soils 20-Inch Well - Combined Years
Updated: 31-March-2018

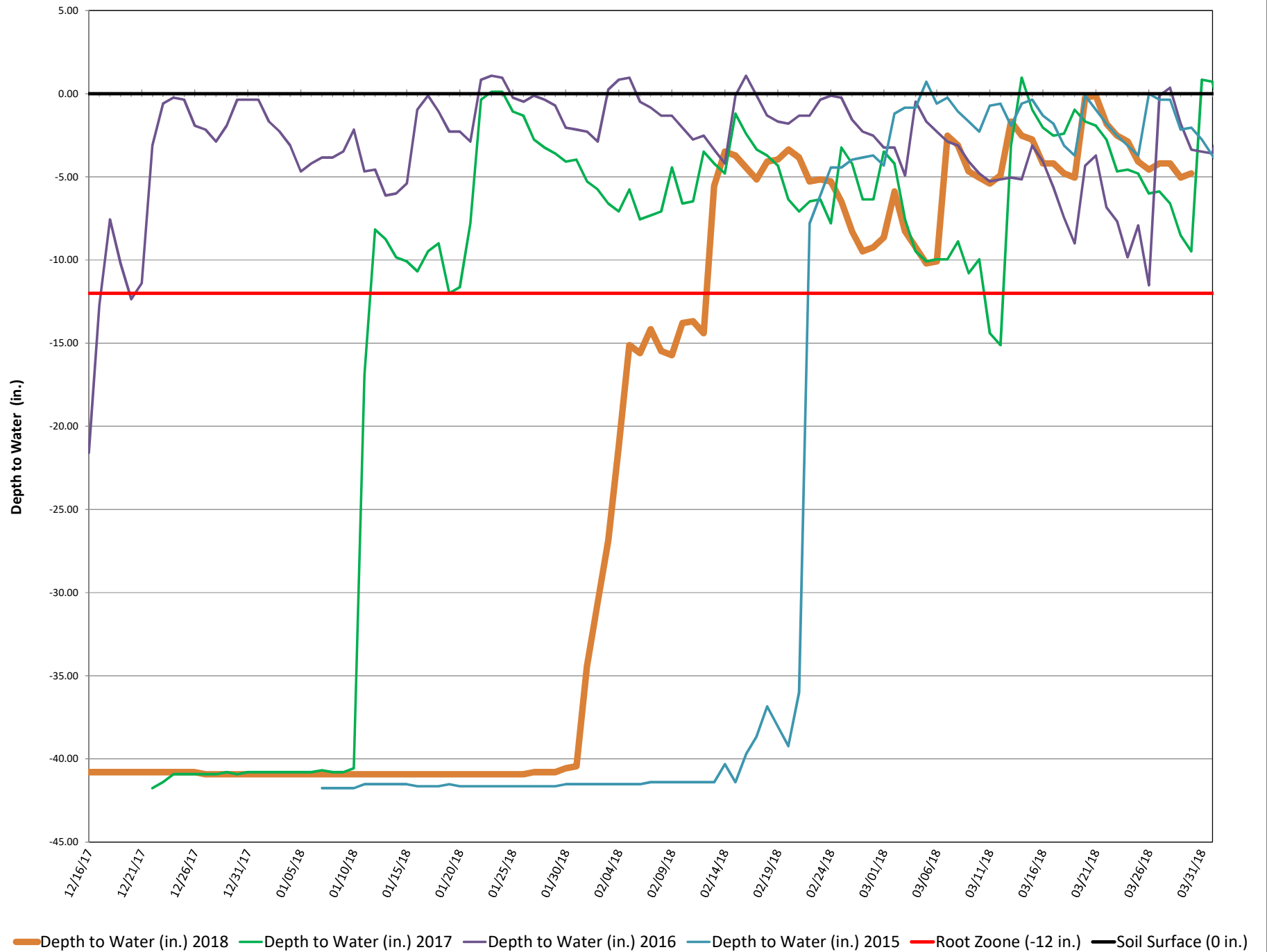


BP Amoco Well #3 (4350)
40-Inch Well - Combined Years
Updated 31 March 2018



Woodville Park #1 (#4352) - Combined Years

Updated: 30 March 2018



Woodville Park #2 (#4149)

Updated: 30 March 2018

