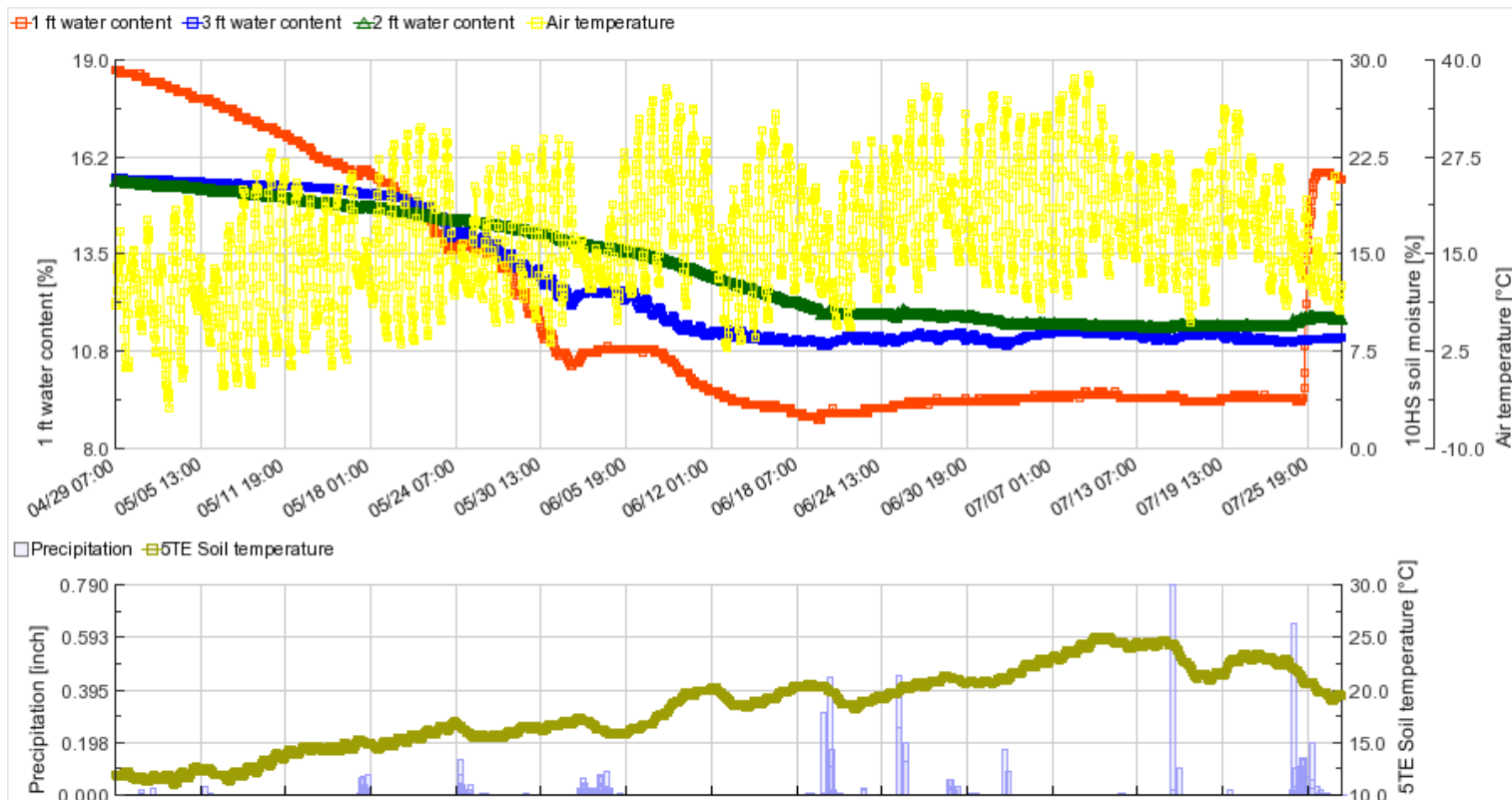


Station name	Start date/time	End date/time	Altitude	Longitude	Latitude
HS Jansen	2015-04-29 07:00	2015-07-28 07:00	443	15.63532	47.20568



Sensor name (Channel)	Min	Max	Notes
Air temperature (Ch. 0)	-4.8	40.9	My interpretation of the last 90 days is any rains or irrigation events have just been effecting the surface with very little if any water being added to the 2 foot depth. The irrigation event that happened on July 15th right after 2nd cut was removed never even reached the 1 foot sensor. The rain on the 24th to the 26th filled the top foot and started moving below. With virtually no change happening at the 2 or 3 foot levels after the rain and with the soil moisture levels still substantially below the levels of last year it would seem the moisture was just starting to reach the 2 foot depth. Only changed from 9.5% to 10.1%. This would explain the slight increase in nitrates at the 2 foot depth. Last year we were holding 18% VWC level at the 2 foot so the should be room to hold another rain event like last weekend without passing the 3 foot. As a mature alfalfa stand and as the crop has been limited on irrigation applications it is safe to assume the alfalfa plant root development is quite extensive by now and becoming efficient at scavenging nutrients at the deeper soil levels.
Precipitation (Ch. 11)	0	0.787	
3 ft water content (Ch. 520)	7.9	20.9	
2 ft water content (Ch. 524)	9.3	20.6	
5TE Soil temperature (Ch. 527)	11.0	25.2	
1 ft water content (Ch. 531)	8.8	18.7	