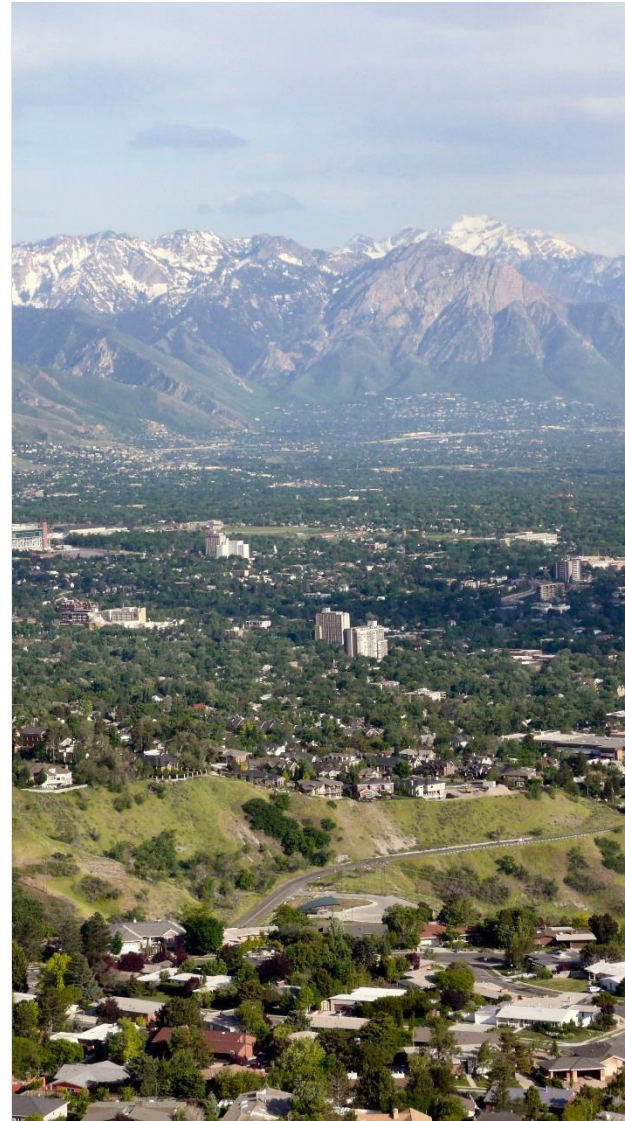


2019 Runoff

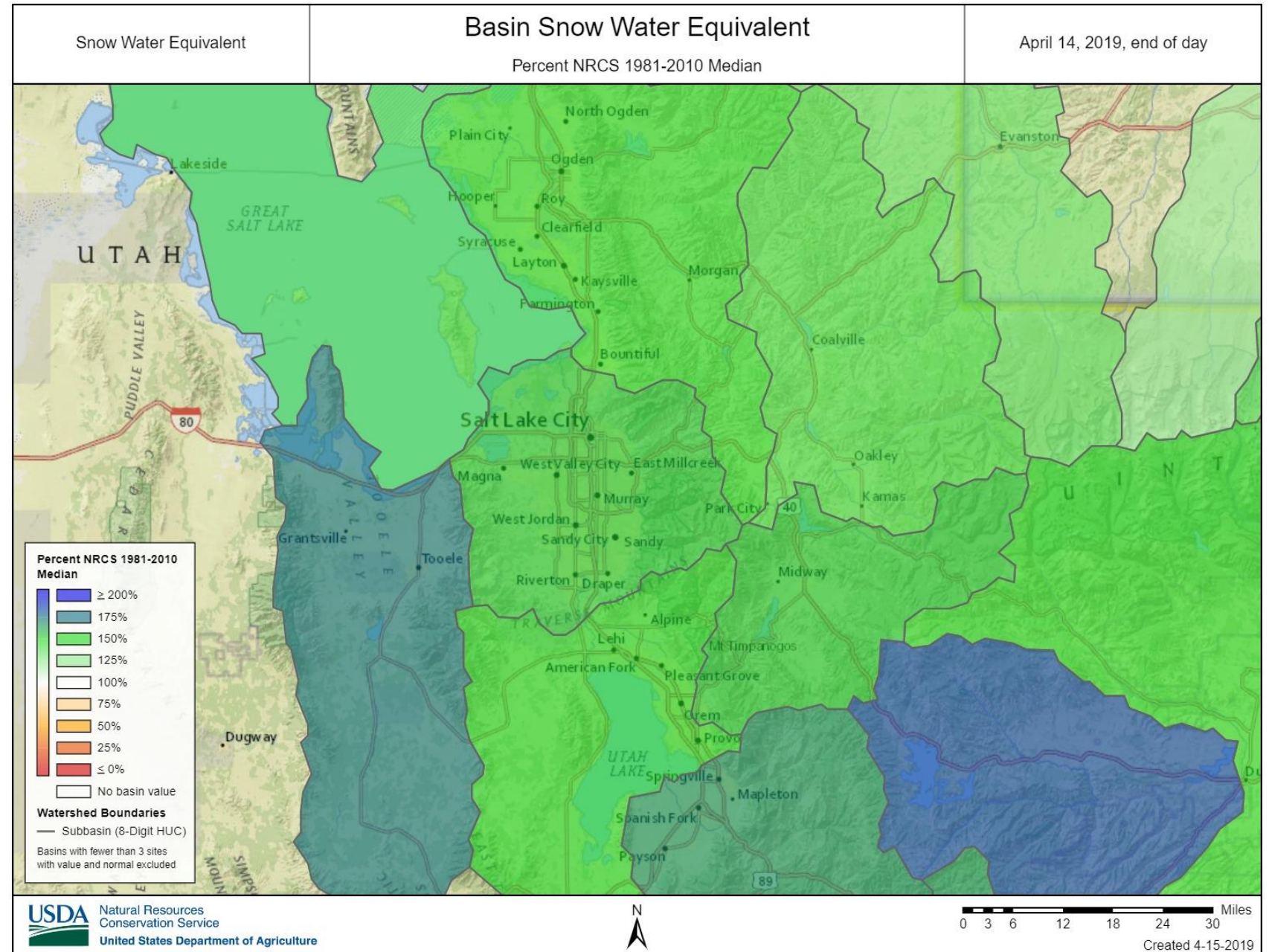
An observation and analysis of snowpack

Presented by

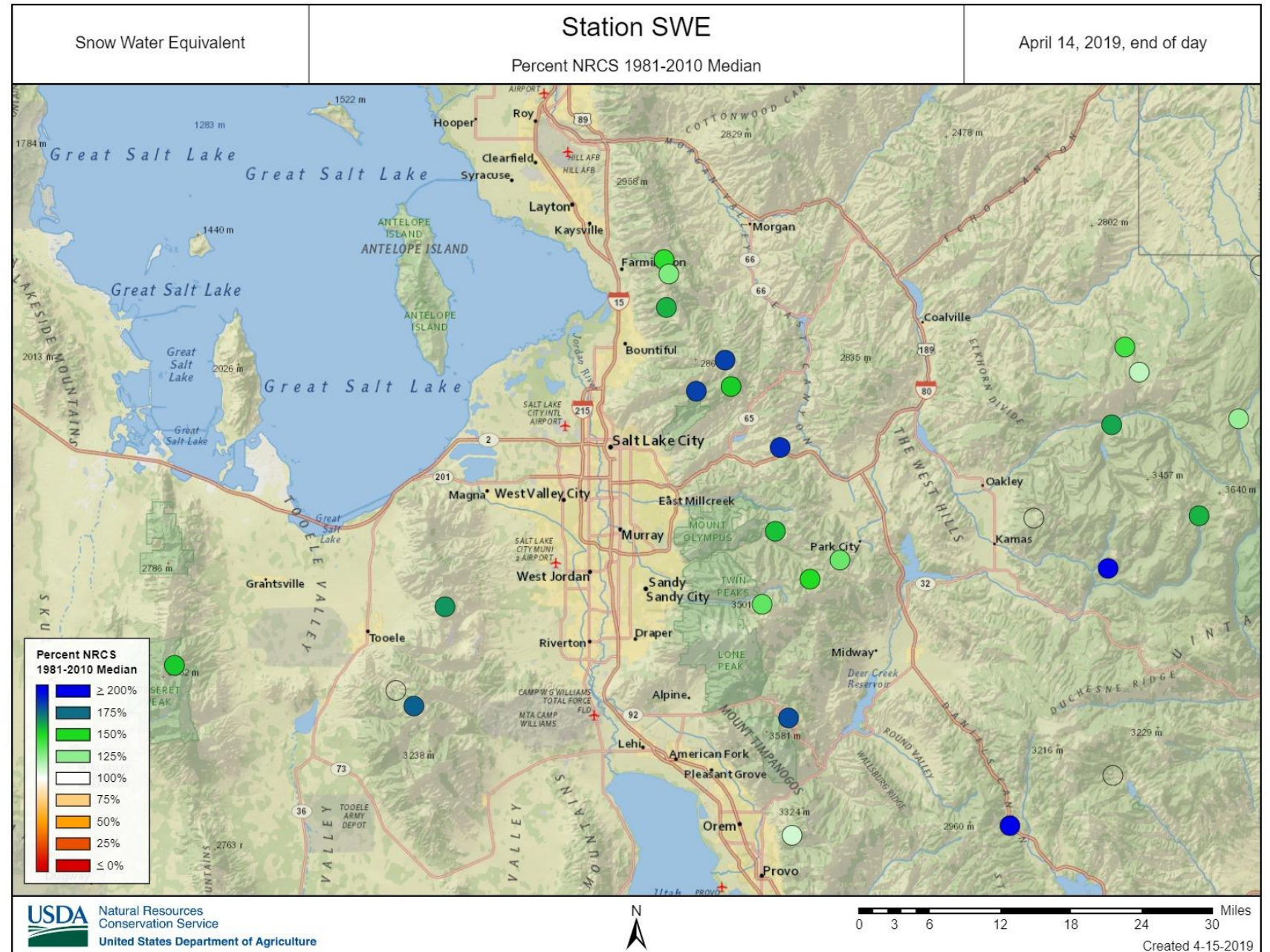
Salt Lake County
Flood Control Engineering
& Watershed Planning
and Restoration Program



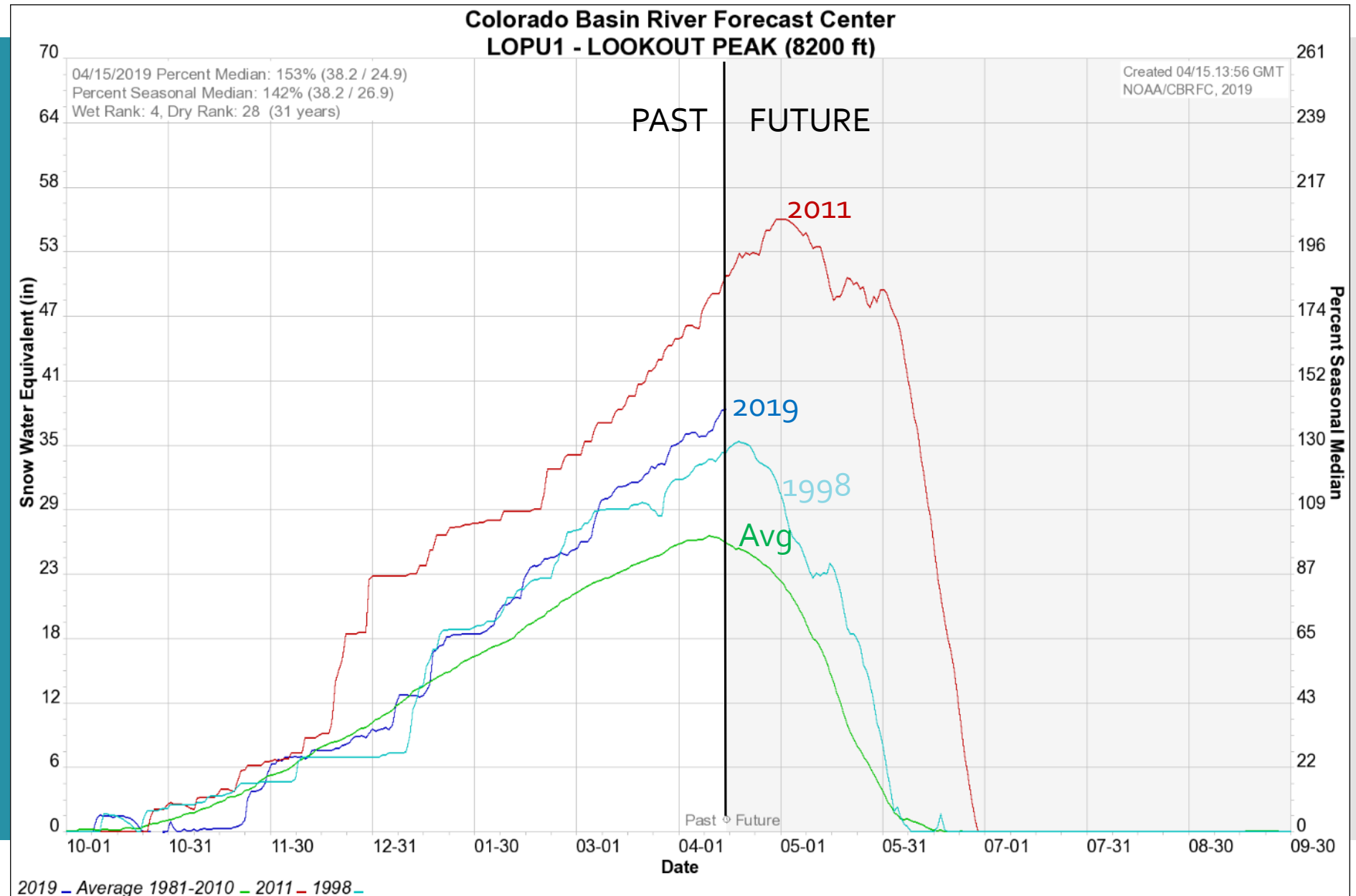
Northern Utah Basins: Snow Water Equivalent (SWE)



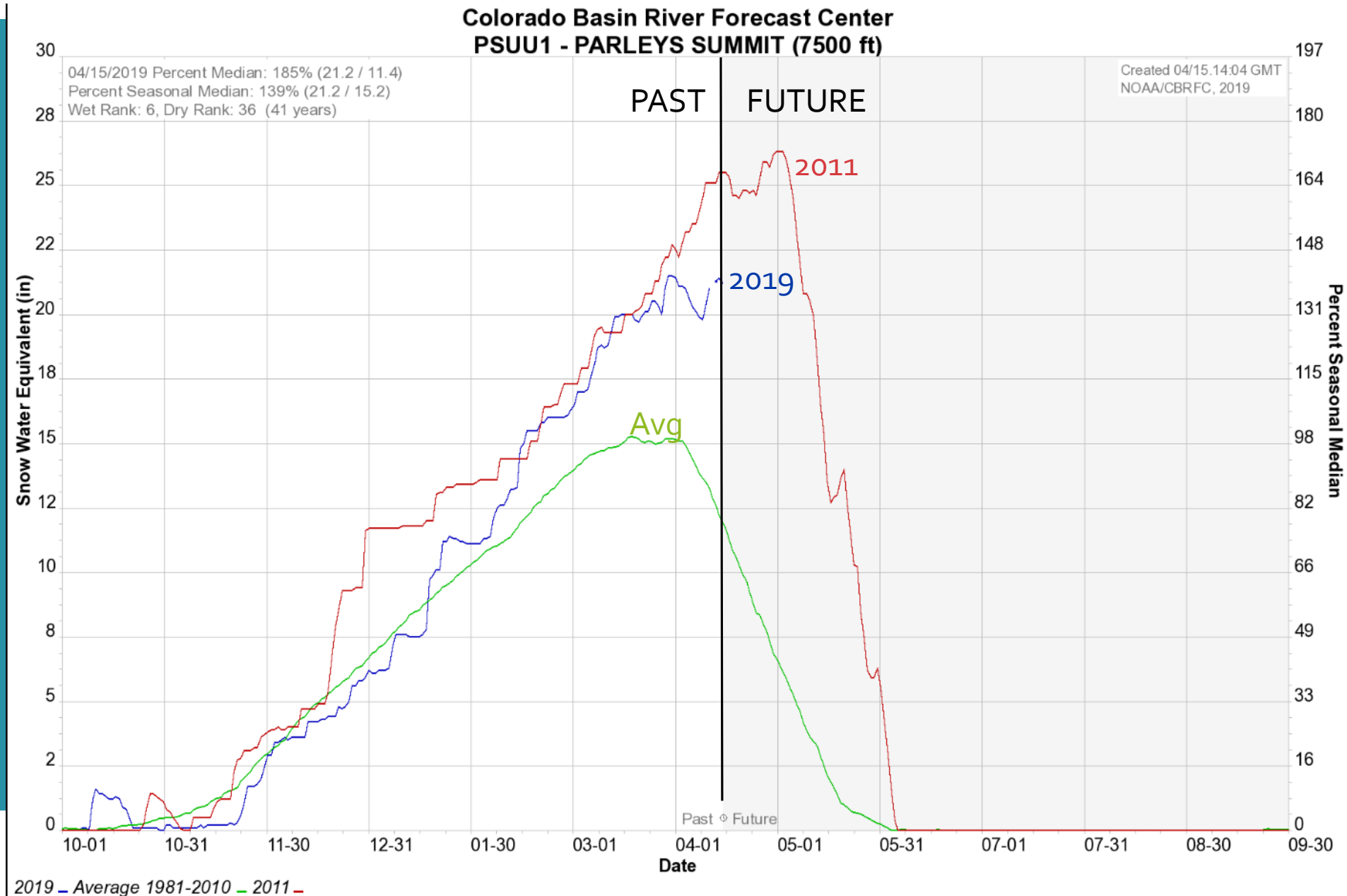
Jordan River Basin: Snow Water Equivalent (SWE) by Station



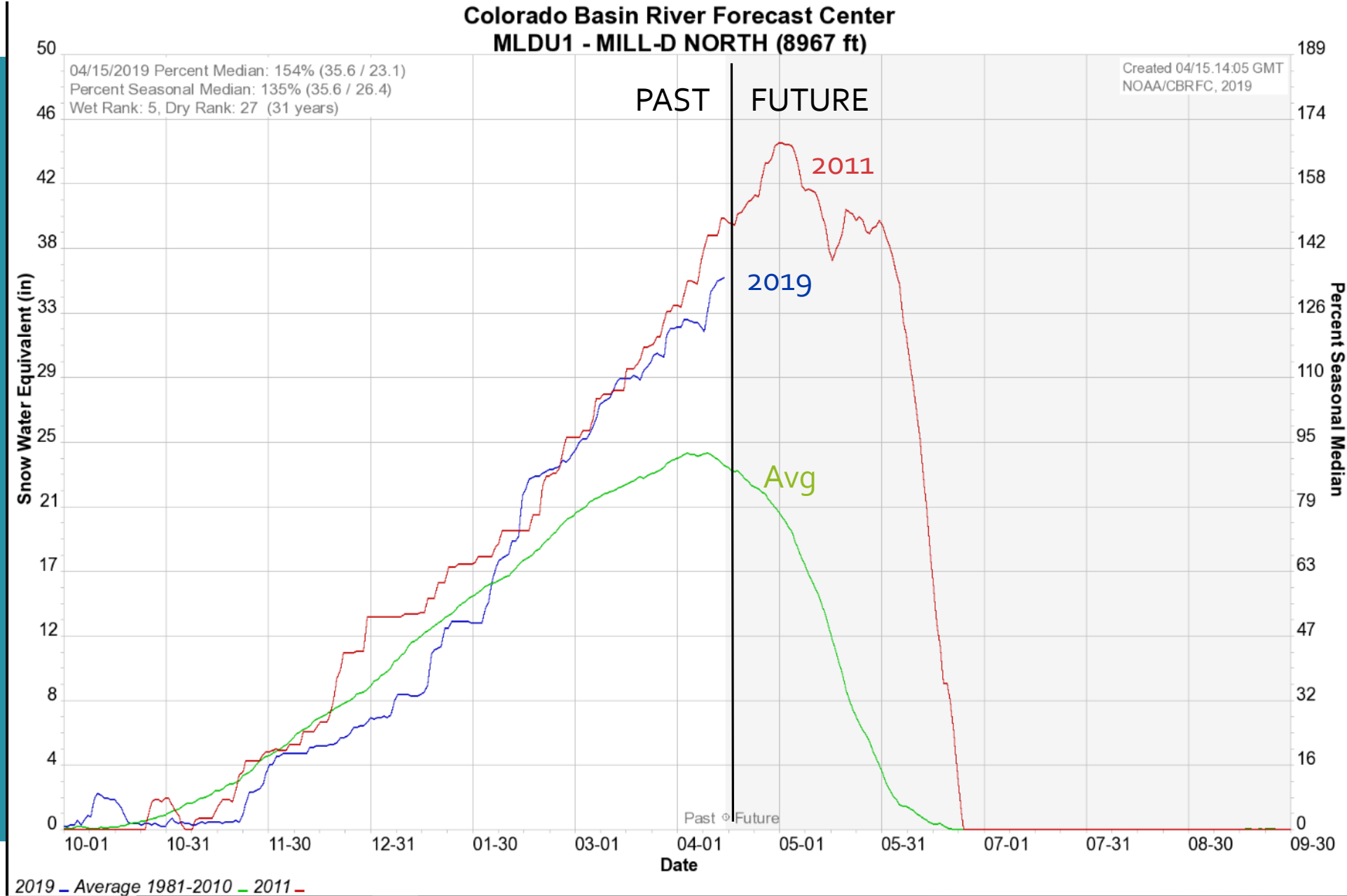
Current Snow Conditions: City Creek at Lookout Peak



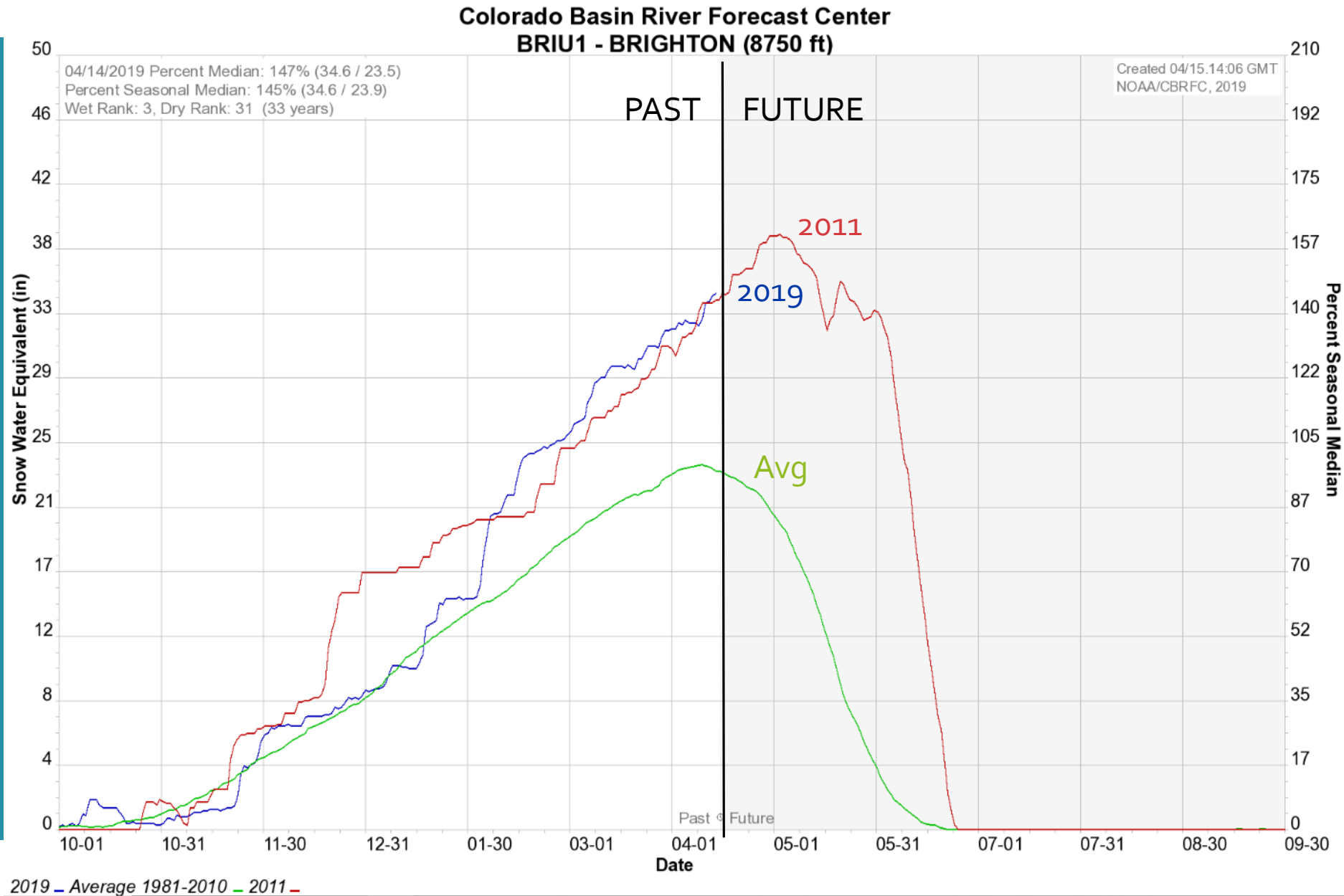
Current Snow Conditions: Parley's Creek at Parley's Summit



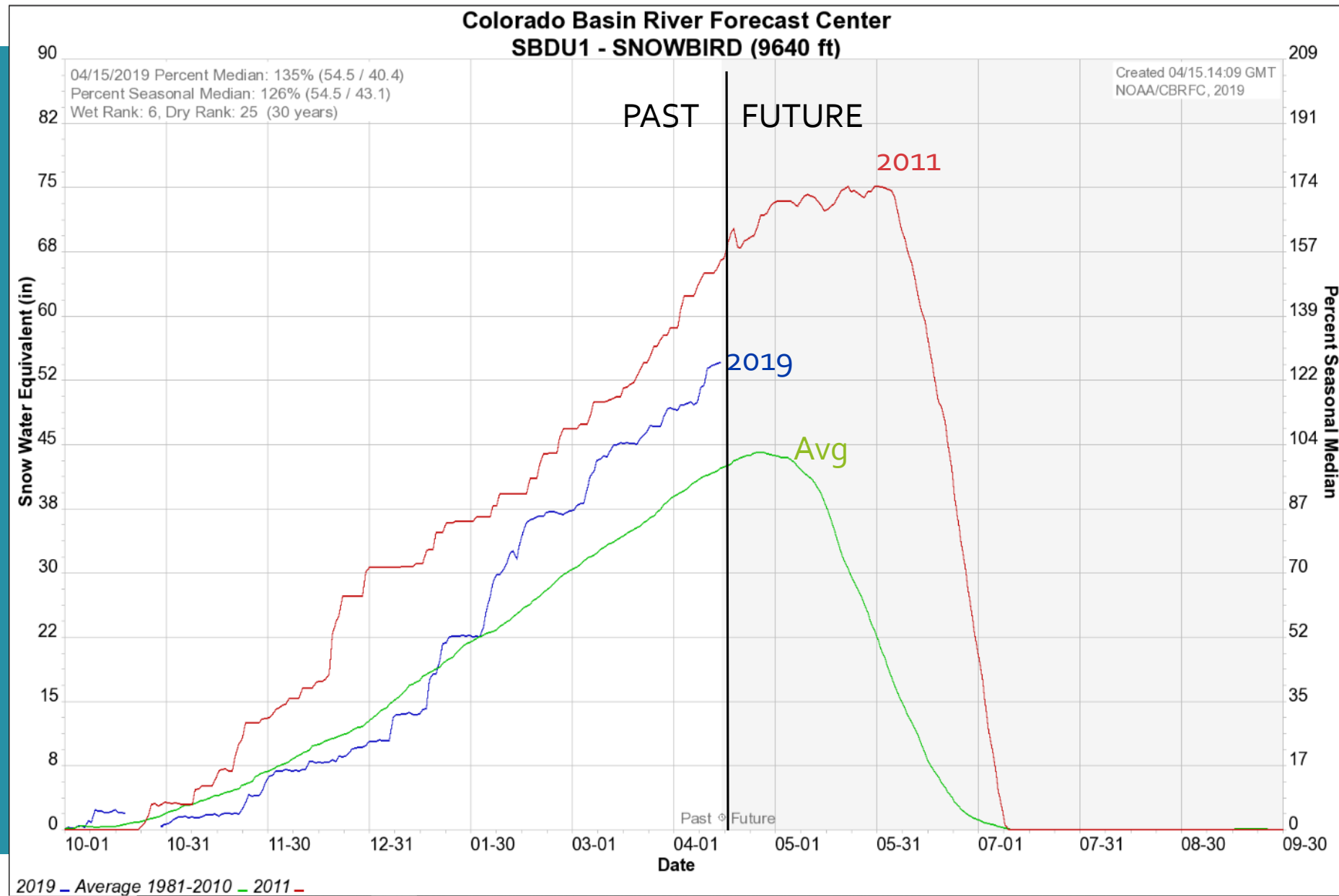
Current Snow Conditions: Big Cottonwood Mill D



Current Snow Conditions: Big Cottonwood at Brighton



Current Snow Conditions: Little Cottonwood at Snowbird

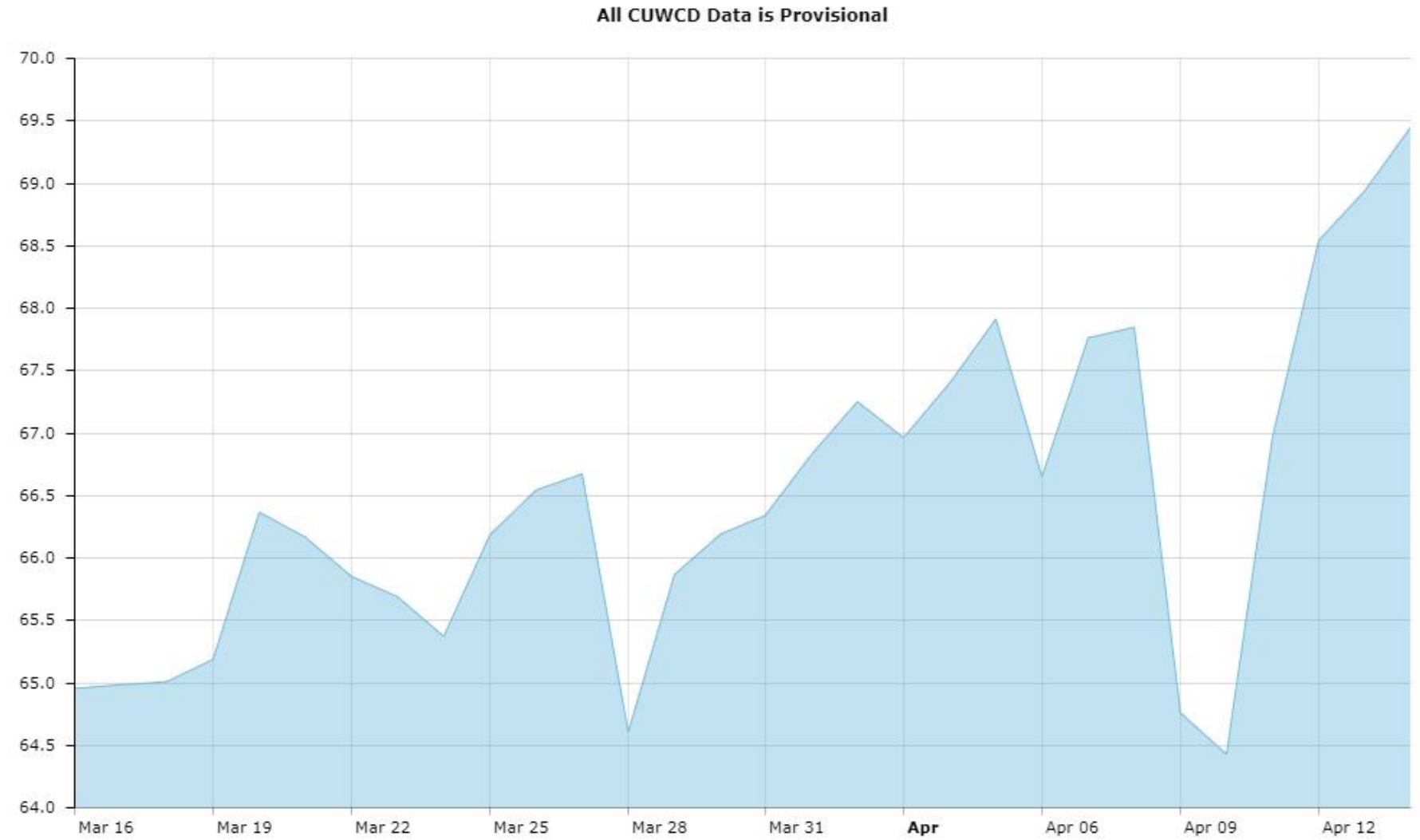


Peak
Discharge
(CFS):
highest
predicted
peak

NRCS Degree-Day Method for June

					Mean	Base	Coefficien				Q	
Site	Elev	SWE (in)	SWE (ft)	Area (sqft)	Temp	Temp	t	Melt Rate	infiltration	Q(inst)	Remainin	Infiltratio
LCC1	8960	35	2.916667	380034741	52.3	32	0.06	1.17477E-06	133.9358549	446.4528		0.3
LCC2	9432	45	3.75	318767406	50.3	32	0.08	1.41204E-06	135.033415	450.1114		
LCC3	10385	39	3.25	110863344	46.3	32	0.06	8.27546E-07	27.52336492	91.74455		
SNBRD	9617	38	3.166667	226073917	48.3	32	0.08	1.25772E-06	85.30103813	284.3368		
									381.793673	1272.646	890.8519	
Site	Elev	SWE (in)	SWE (ft)	Area (sqft)	Mean	Base	Coefficien	Melt Rate	infiltration	Q(inst)	Q	Infiltratio
BCC 1	8525	37.33	3.110833	448184671	54.3	32	0.06	1.29051E-06	173.5159403	578.3865		0.3
BRTN	8766	33	2.75	307114511	52.3	32	0.06	1.17477E-06	108.2365377	360.7885		
BCC 2	9397	61	5.083333	145338270	50.3	32	0.06	1.05903E-06	46.17517953	153.9173		
BCC 3	9854	47.33	3.944167	40289307	38.25	32	0.06	3.6169E-07	4.371669596	14.57223		
									332.2993272	1107.664	775.3651	

Utah Lake: % Full



Snowpack
Accumulation:
What's
coming?

