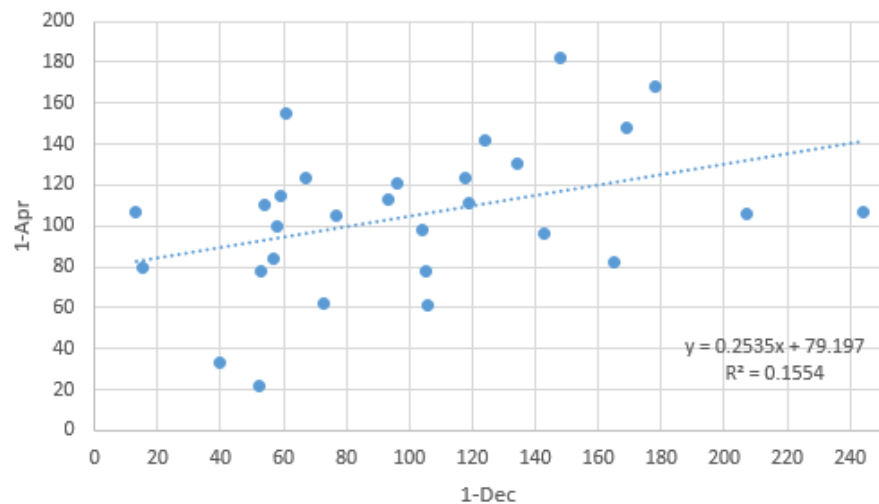
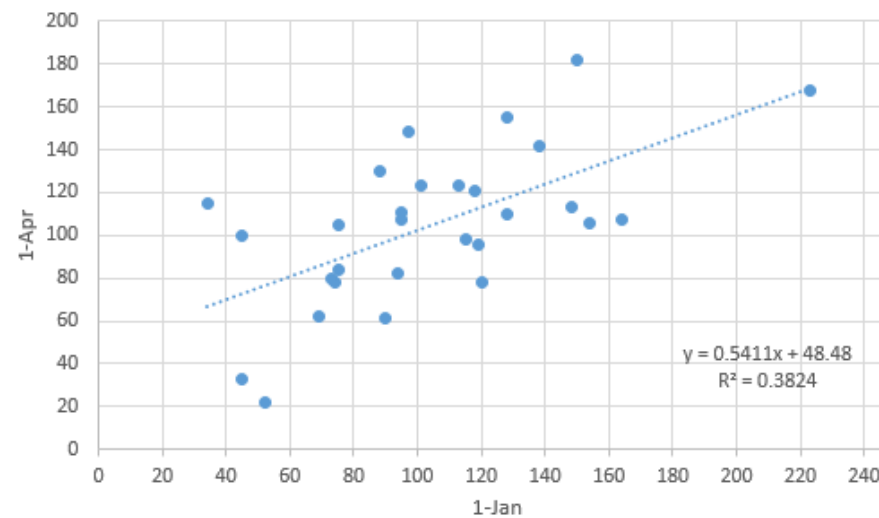


Correlation of early and mid-season with peak season snowpack

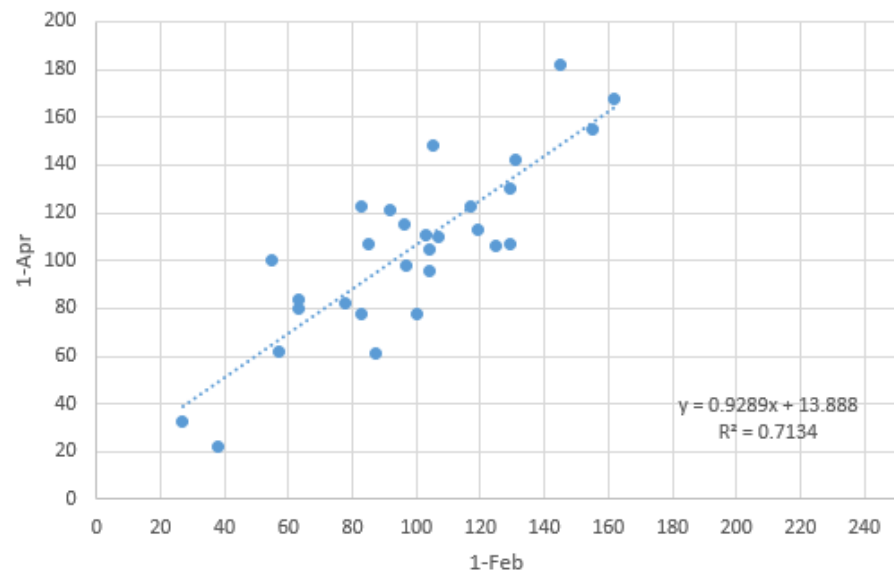
Dec 1 vs Apr 1



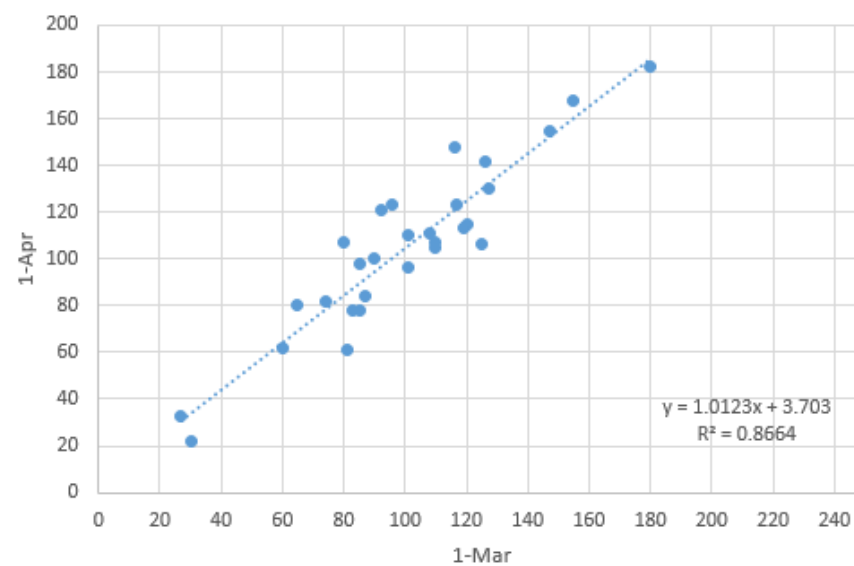
Jan 1 vs Apr 1



Feb 1 vs Apr 1



Mar 1 vs Apr 1

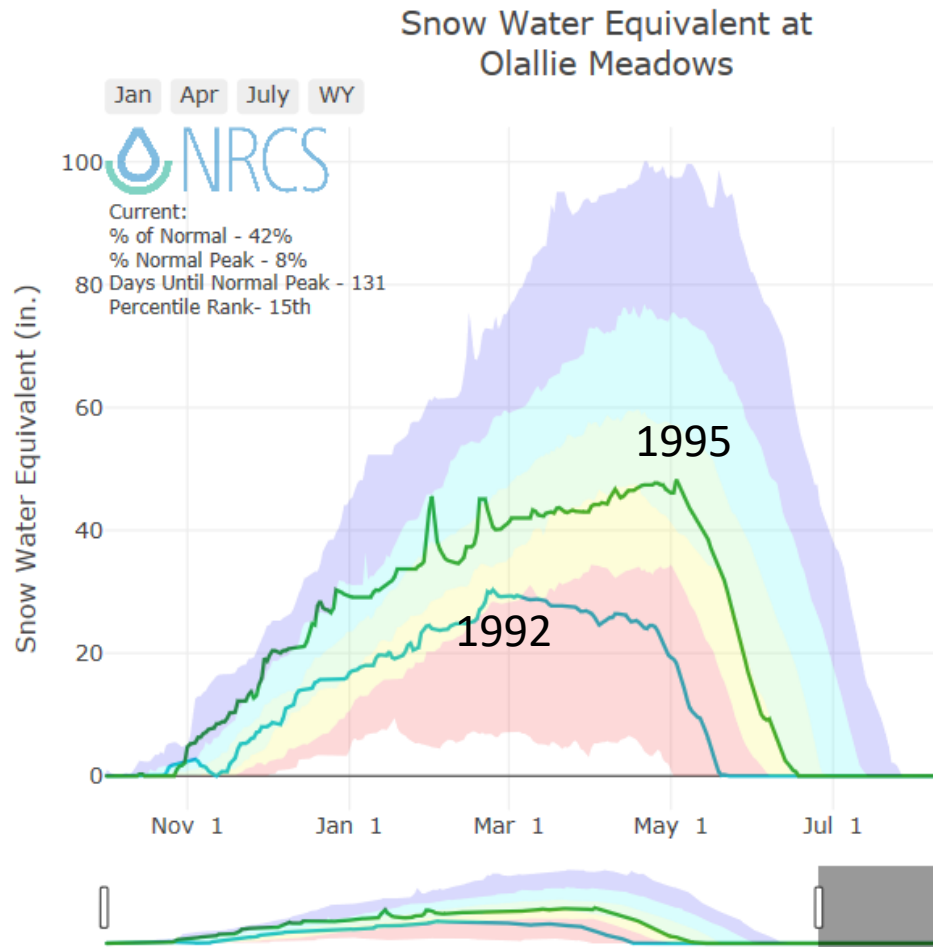


Snowpack Rebound History

WY	1-Dec-WY	1-Jan	1-Feb	1-Mar	1-Apr
1990	59	34	96	120	115
1991	104	115	97	85	98
1992	106	90	87	81	61
1993	105	120	100	83	78
1994	57	75	63	87	84
1995	244	164	129	110	107
1996	53	74	83	85	78
1997	178	223	162	155	168
1998	77	75	104	110	105
1999	148	150	145	180	182
2000	67	101	117	117	123
2001	73	69	57	60	62
2002	124	138	131	126	142
2003	15	73	63	65	80
2004	143	119	104	101	96
2005	40	45	27	27	33
2006	134	88	129	127	130
2007	207	154	125	125	106
2008	61	128	155	147	155
2009	13	95	85	80	107
2010	165	94	78	74	82
2011	118	113	83	96	123
2012	169	97	105	116	148
2013	93	148	119	119	113
2014	58	45	55	90	100
2015	52	52	38	30	22
2016	54	128	107	101	110
2017	96	118	92	92	121
2018	119	95	103	108	111

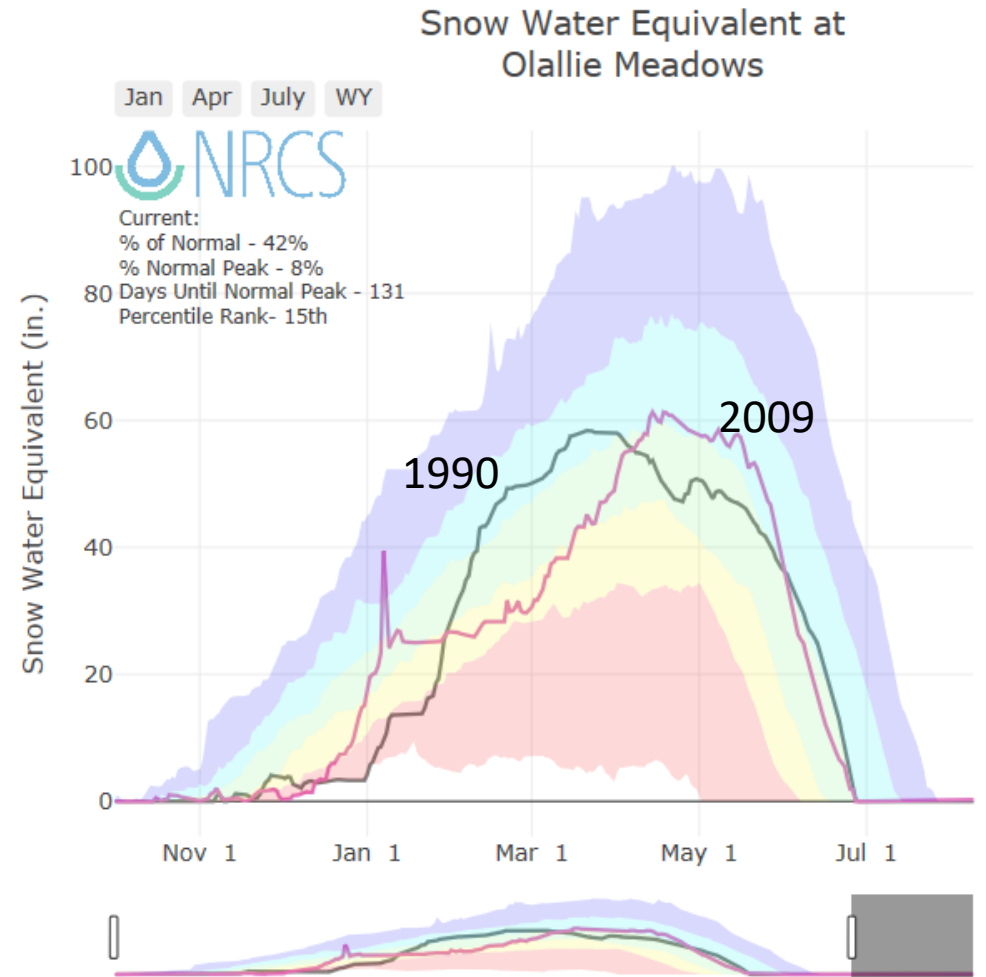
WY 1990 – WY 2018	Rebound success by time of year, out of 29 years (value in parentheses indicates total years meeting initial condition)			
	Dec 1	Jan 1	Feb 1	Mar 1
COUNT From Below 75 Pct Normal at First of Month to 100 pct of normal by April 1	6(12)	2(7)	1(6)	0(5)
PERCENT From Below 75 Pct Normal at First of Month to 100 pct of normal by April 1	50%	28.5%	16.6%	0%

Early bloomers: 1992 and 1995



Statistical shading breaks at 10th, 30th, 50th, 70th, and 90th Percentiles
 Normal ('81-'10) - Official median calculated from 1981 thru 2010 data
 Normal (POR) - Unofficial mean calculated from Period of Record data
 For more information visit: [30 year normals calculation description](#)

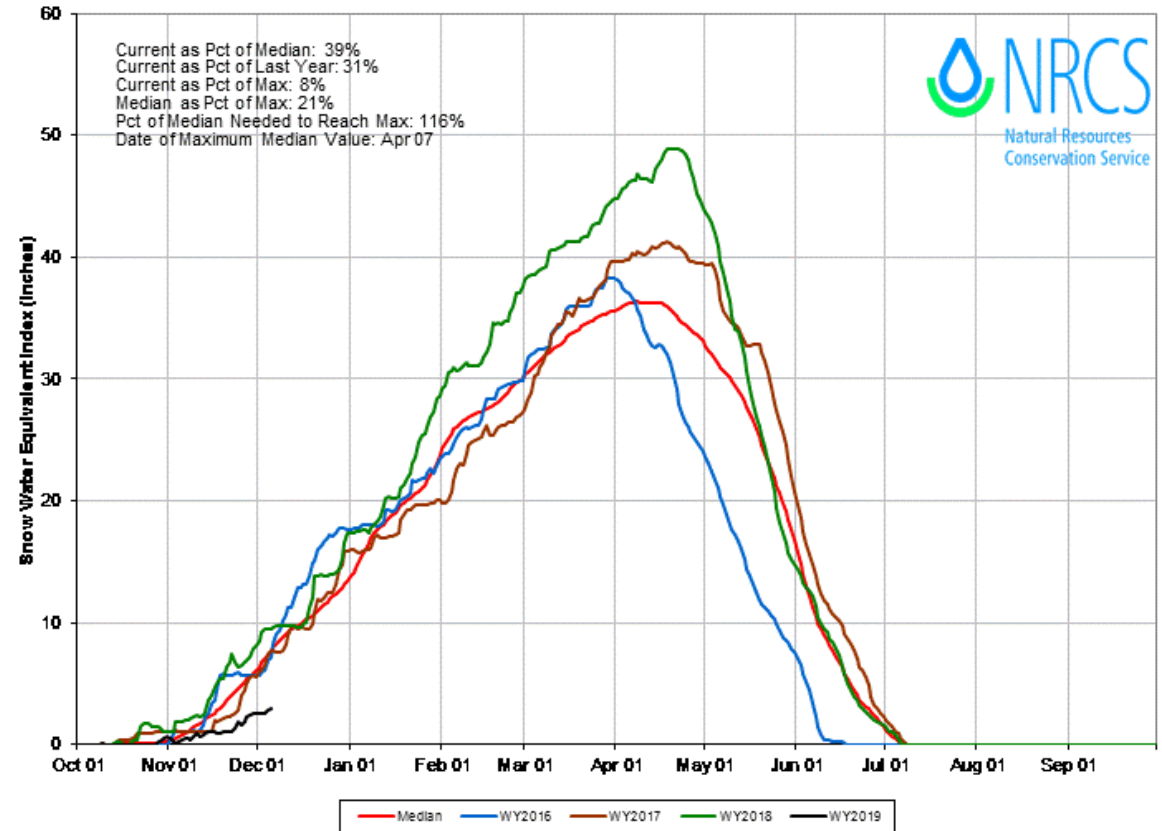
Late bloomers: 1990 and 2009



Statistical shading breaks at 10th, 30th, 50th, 70th, and 90th Percentiles
 Normal ('81-'10) - Official median calculated from 1981 thru 2010 data
 Normal (POR) - Unofficial mean calculated from Period of Record data
 For more information visit: [30 year normals calculation description](#)

Watershed Group	Current as Pct of Median	Pct of Median Needed to Reach Max
BAKER, SKAGIT, NOOKSACK	39	116
CEDAR, SNOQUALMIE, SKYKOMISH	32	116
CHELAN, ENTIAT	45	118
LEWIS, COWLITZ	40	115
LOWER YAKIMA	38	117
OLYMPIC MOUNTAINS	29	114
PRIEST, SPOKANE, PALOUSE	64	111
COLUMBIA ABOVE METHOW	50	117
UPPER YAKIMA	39	116
WHITE, GREEN	33	119
WALLA WALLA, TOUCHET	73	108

BAKER, SKAGIT, NOOKSACK Time Series Snowpack Summary
Based on Provisional SNOTEL data as of Dec 05, 2018



<https://sites.google.com/site/basinswe>