

# Arctic And Northwest Summary for April, 2022

As of: 04/15/22 08:14:45 PDT

Streamflow Forecasts (kaf)		10%	30%	50%	% Median	70%	90%	30 yr. Median
Kuparuk R nr Deadhorse	APR-JUL	1170.0	990.0	870.0	110%	745.0	565.0	790.0
	MAY-JUL	1170.0	990.0	870.0	110%	745.0	565.0	790.0
Sagavanirktok R nr Pump Station 3	APR-JUL	1060.0	960.0	890.0	108%	820.0	720.0	825.0
	MAY-JUL	1060.0	960.0	890.0	108%	820.0	720.0	825.0

\*90%, 70%, 50%, 30%, 10% exceedence probabilities are the chance that observed streamflow volume will exceed the forecasted volume

1) 90% And 10% exceedance probabilities are actually 95% And 5%

2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions.

Snowpack (in.)	Elevation	Current SWE	Current SD	Last Year SWE	Median SWE	% Median	LY % Median
Kelly Station (SNTL)	310'	6.8	29.0	6.1	5.5	124%	111%
Prudhoe Bay (SNTL)	30'	-	19.0	-	-	-	-
Sagwon (SNTL)	1000'	-	14.0	-	-	-	-
Atigun Pass (SNTL)	4800'	-	39.0	-	-	-	-
Imnaviat Creek (SNTL)	3050'	-	18.0	-	-	-	-
<b>Basin Index</b>						<b>124%</b>	<b>111%</b>

Precipitation (in.)	Elevation	Current Monthly	Last Year Monthly	Monthly Median	Current YTD	Last Year YTD	YTD Median	Monthly % Median	LY Monthly % Median	YTD % Median	LY YTD % Median
Barrow WSO Airport (COOP)	30'	0.1	0.2	0.46	-	3.1	-	22%	43%	-	-
Kelly Station (SNTL)	310'	0.3	0.9	1.00	5.3	6.9	6.9	30%	90%	77%	100%
Prudhoe Bay (SNTL)	30'	-	0.5	0.50	-	3.1	3.1	-	100%	-	100%
Sagwon (SNTL)	1000'	0.1	0.4	0.40	3.2	2.5	2.8	25%	100%	114%	89%
Kotzebue WSO Airport (COOP)	10'	-	-	2.02	-	-	-	-	-	-	-
Kuparuk (COOP)	60'	-	0.1	0.39	-	1.0	-	-	26%	-	-
Atigun Pass (SNTL)	4800'	0.5	0.6	0.70	5.8	4.0	5.5	71%	86%	105%	73%
Imnaviat Creek (SNTL)	3050'	0.2	0.3	0.30	2.9	2.2	2.9	67%	100%	100%	76%
<b>Basin Index</b>								<b>42%</b>	<b>80%</b>	<b>95%</b>	<b>88%</b>