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# ENSEMBLE HEADER INFORMATION
# Segment: NVXN6NVR
# Trace File Name: NOT APPLICABLE
# Output Variable: Mean
# Data Type: RIVER DISCHARGE
# Units: CFS
# Analysis Period: 06/18/2021 12 - 08/17/2021 12 GMT
# Interval: 06/18/2021 12 - 08/17/2021 12 GMT

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# Statistics based on all years.

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# EXCEEDANCE PROBABILITY ESTIMATES

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# Distribution: Empirical
#       CS: Mean: 93.02, StdDev: 87.42
#       HS: Mean: 171.12, StdDev: 108.25
# Exceedance      Conditional      Historical
# Probabilities   Simulation        Simulation
# -----

```

Exceedance Probabilities	Conditional Simulation	Historical Simulation
0.100	227.654	355.596
0.200	158.745	269.500
0.300	121.175	195.638
0.400	81.572	175.825
0.500	59.347	149.427
0.600	42.979	112.887
0.800	19.596	98.943
0.700	35.781	76.750
0.900	10.678	59.058

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# EMPIRICAL SAMPLE POINTS

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#
# Trace      Year      Cond.      Hist.
# year      Weight    Data Exceed.  Year      Data Exceed.
# year      Weight    Point  Prob.  Weight    Point  Prob.
# -----

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Trace year	Year Weight	Cond. Data Point	Exceed. Prob.	Hist. Year Weight	Hist. Data Point	Exceed. Prob.
1950	0.016	44.241	0.578	0.016	206.057	0.250
1951	0.016	80.203	0.406	0.016	178.415	0.375
1952	0.016	203.371	0.156	0.016	293.452	0.156
1953	0.016	8.556	0.922	0.016	63.038	0.875
1954	0.016	6.315	0.953	0.016	63.208	0.859
1955	0.016	225.802	0.109	0.016	278.226	0.188
1956	0.016	34.961	0.703	0.016	102.357	0.672
1957	0.016	15.022	0.828	0.016	53.887	0.953
1958	0.016	32.209	0.719	0.016	81.200	0.781
1959	0.016	25.425	0.734	0.016	62.641	0.891
1960	0.016	70.348	0.484	0.016	251.853	0.219
1961	0.016	74.010	0.453	0.016	178.395	0.391
1962	0.016	12.393	0.875	0.016	41.715	0.969
1963	0.016	105.144	0.328	0.016	174.111	0.406
1964	0.016	10.524	0.906	0.016	54.629	0.938
1965	0.016	49.862	0.547	0.016	89.059	0.734
1966	0.016	4.706	0.969	0.016	66.046	0.844
1967	0.016	116.878	0.313	0.016	188.935	0.359
1968	0.016	52.708	0.516	0.016	157.214	0.453
1969	0.016	221.520	0.125	0.016	350.260	0.109
1970	0.016	22.482	0.781	0.016	66.702	0.828
1971	0.016	40.798	0.641	0.016	90.813	0.719
1972	0.016	318.042	0.031	0.016	409.796	0.047
1973	0.016	304.348	0.047	0.016	422.541	0.031
1974	0.016	59.347	0.500	0.016	199.117	0.281
1975	0.016	159.519	0.188	0.016	267.318	0.203

1976	0.016	158.552	0.203	0.016	194.221	0.313
1977	0.016	50.933	0.531	0.016	82.948	0.750
1978	0.016	40.343	0.656	0.016	115.179	0.578
1979	0.016	24.895	0.750	0.016	98.746	0.703
1980	0.016	75.780	0.438	0.016	99.730	0.688
1981	0.016	42.629	0.609	0.016	103.924	0.656
1982	0.016	14.554	0.844	0.016	104.753	0.641
1983	0.016	39.062	0.688	0.016	110.245	0.609
1984	0.016	83.625	0.391	0.016	172.589	0.422
1985	0.016	144.519	0.250	0.016	195.992	0.297
1986	0.016	43.212	0.594	0.016	149.901	0.484
1987	0.016	87.995	0.359	0.016	114.649	0.594
1988	0.016	123.900	0.281	0.016	192.469	0.328
1989	0.016	20.357	0.797	0.016	142.344	0.516
1990	0.016	122.250	0.297	0.016	190.069	0.344
1991	0.016	7.763	0.938	0.016	34.600	0.984
1992	0.016	70.406	0.469	0.016	127.918	0.531
1993	0.016	16.552	0.813	0.016	56.456	0.922
1994	0.016	97.107	0.344	0.016	151.627	0.469
1995	0.016	130.889	0.266	0.016	169.839	0.438
1996	0.016	204.079	0.141	0.016	339.002	0.141
1997	0.016	22.928	0.766	0.016	67.209	0.813
1998	0.016	48.840	0.563	0.016	215.985	0.234
1999	0.016	78.971	0.422	0.016	126.609	0.547
2000	0.016	184.040	0.172	0.016	341.365	0.125
2001	0.016	10.910	0.891	0.016	149.427	0.500
2002	0.016	2.983	0.984	0.016	82.162	0.766
2003	0.016	152.263	0.219	0.016	284.058	0.172
2004	0.016	347.666	0.016	0.016	406.430	0.063
2005	0.016	40.878	0.625	0.016	79.135	0.797
2006	0.016	265.460	0.078	0.016	373.094	0.078
2007	0.016	85.750	0.375	0.016	110.150	0.625
2008	0.016	150.809	0.234	0.016	201.679	0.266
2009	0.016	288.662	0.063	0.016	465.575	0.016
2010	0.016	12.988	0.859	0.016	56.670	0.906
2011	0.016	228.888	0.094	0.016	359.153	0.094
2012	0.016	40.212	0.672	0.016	123.846	0.563