

```

# ENSEMBLE HEADER INFORMATION
# Segment: CNNN6DEL
# Trace File Name: NOT APPLICABLE
# Output Variable: Mean
# Data Type: RIVER DISCHARGE
# Units: CFS
# Analysis Period: 09/14/2021 12 - 10/14/2021 12 GMT
# Interval: 09/14/2021 12 - 10/14/2021 12 GMT
#

```

```

# Statistics based on all years.
#

```

```

# EXCEEDANCE PROBABILITY ESTIMATES
#

```

```

# Distribution: Empirical
#       CS: Mean: 625.77, StdDev: 623.09
#       HS: Mean: 509.65, StdDev: 611.59
# Exceedance      Conditional      Historical
# Probabilities   Simulation        Simulation
# -----

```

Exceedance Probabilities	Conditional Simulation	Historical Simulation
0.100	1185.740	1297.420
0.200	798.735	712.370
0.300	658.056	406.062
0.400	536.417	333.003
0.500	396.709	278.102
0.600	348.203	246.412
0.800	252.706	207.481
0.700	280.381	156.234
0.900	225.066	95.601

```

# EMPIRICAL SAMPLE POINTS
#

```

```

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

```

Trace year	Year Weight	Cond. Data Point	Exceed. Prob.	Hist. Year Weight	Hist. Data Point	Exceed. Prob.
1950	0.016	221.681	0.906	0.016	441.677	0.266
1951	0.016	403.415	0.469	0.016	278.102	0.500
1952	0.016	275.531	0.703	0.016	190.257	0.734
1953	0.016	252.954	0.797	0.016	315.901	0.438
1954	0.016	362.449	0.547	0.016	302.672	0.484
1955	0.016	358.261	0.578	0.016	249.292	0.594
1956	0.016	1612.241	0.078	0.016	1267.389	0.109
1957	0.016	273.326	0.719	0.016	84.047	0.938
1958	0.016	354.866	0.594	0.016	256.819	0.547
1959	0.016	667.300	0.297	0.016	407.470	0.297
1960	0.016	528.168	0.406	0.016	1645.010	0.078
1961	0.016	216.341	0.922	0.016	173.513	0.766
1962	0.016	573.822	0.328	0.016	368.488	0.359
1963	0.016	234.221	0.844	0.016	100.505	0.875
1964	0.016	183.687	0.984	0.016	35.844	0.984
1965	0.016	509.568	0.438	0.016	400.431	0.313
1966	0.016	621.080	0.313	0.016	227.307	0.656
1967	0.016	272.225	0.734	0.016	240.016	0.625
1968	0.016	203.863	0.953	0.016	126.092	0.828
1969	0.016	208.090	0.938	0.016	117.731	0.844
1970	0.016	795.318	0.203	0.016	458.178	0.250
1971	0.016	338.209	0.609	0.016	312.975	0.469
1972	0.016	396.709	0.500	0.016	204.819	0.703
1973	0.016	364.819	0.531	0.016	109.941	0.859
1974	0.016	517.236	0.422	0.016	686.143	0.203
1975	0.016	1020.522	0.125	0.016	856.156	0.172

1976	0.016	833.520	0.172	0.016	608.258	0.219
1977	0.016	3498.751	0.016	0.016	3152.439	0.016
1978	0.016	722.825	0.250	0.016	348.144	0.375
1979	0.016	862.485	0.156	0.016	817.280	0.188
1980	0.016	252.954	0.781	0.016	80.157	0.953
1981	0.016	812.407	0.188	0.016	502.712	0.234
1982	0.016	230.145	0.891	0.016	65.648	0.969
1983	0.016	328.322	0.656	0.016	85.728	0.922
1984	0.016	232.693	0.875	0.016	127.434	0.813
1985	0.016	1213.162	0.094	0.016	1089.417	0.141
1986	0.016	381.442	0.516	0.016	242.092	0.609
1987	0.016	565.116	0.359	0.016	1217.128	0.125
1988	0.016	233.241	0.859	0.016	250.827	0.578
1989	0.016	727.102	0.234	0.016	316.293	0.422
1990	0.016	259.018	0.766	0.016	163.434	0.797
1991	0.016	1144.606	0.109	0.016	333.636	0.391
1992	0.016	361.362	0.563	0.016	252.508	0.563
1993	0.016	401.452	0.484	0.016	218.129	0.688
1994	0.016	251.716	0.813	0.016	191.166	0.719
1995	0.016	494.042	0.453	0.016	235.661	0.641
1996	0.016	693.770	0.281	0.016	436.945	0.281
1997	0.016	200.092	0.969	0.016	93.627	0.906
1998	0.016	333.657	0.625	0.016	176.849	0.750
1999	0.016	3065.603	0.031	0.016	2576.764	0.031
2000	0.016	259.020	0.750	0.016	386.626	0.328
2001	0.016	299.781	0.688	0.016	98.561	0.891
2002	0.016	733.969	0.219	0.016	267.186	0.516
2003	0.016	867.514	0.141	0.016	967.179	0.156
2004	0.016	2085.114	0.047	0.016	2161.854	0.047
2005	0.016	548.790	0.391	0.016	262.797	0.531
2006	0.016	552.887	0.375	0.016	332.582	0.406
2007	0.016	333.383	0.641	0.016	314.099	0.453
2008	0.016	238.644	0.828	0.016	172.008	0.781
2009	0.016	312.420	0.672	0.016	223.074	0.672
2010	0.016	2055.455	0.063	0.016	1793.060	0.063
2011	0.016	569.586	0.344	0.016	1317.440	0.094
2012	0.016	701.466	0.266	0.016	372.657	0.344