

Tables

Table 1. Summary of timing error results for isolated peak and simulated NWM data from Onion Creek, TX, for cluster mean and max.

Timescale (hr)	Cluster Number	Avg WT Power	Cluster Mean		Cluster Max	
			Timing Error (hr)	% Significant in XWT	Timing Error (hr)	Significant in XWT?
22	1	597743	-3.2	100%	-3.2	Yes

Table 2. Summary of timing error results for five year run from Pemigewasset River, NH, averaged over cluster mean and max by characteristic timescale.

Characteristic Timescale (hr)	Number of Clusters	Avg WT Power	Cluster Mean		Cluster Max	
			Timing Error (hr)	Avg % Significance in XWT	Timing Error (hr)	Avg % Significance in XWT
17.5	86	139,014	-0.430	75%	-0.587	85%
29.5	78	138,714	0.671	82%	0.694	94%
44.1	68	130,381	3.86	78%	4.22	84%
198	14	113,123	13.6	76%	13.2	79%
132	33	96,503	12.0	92%	11.7	94%

Table 3. Summary of timing errors from cluster max for 5-years from Onion Creek, TX.

NWM Version	Characteristic Timescale (hr)	Number of Clusters	Avg WT Power	Median Timing Error (hr)	Avg % Significance in XWT
v1.0	29.5	17	4385537	-1.38	100%
v1.1	29.5	17	4385537	-2.83	100%
v1.2	29.5	17	4385537	-3.18	100%
v1.0	17.5	23	4016123	-1.93	100%
v1.1	17.5	24	3848789	-1.06	100%
v1.2	17.5	24	3848789	-2.36	100%
v1.0	58.9	11	2591110	-1.44	100%
v1.1	58.9	11	2591110	-3.02	100%
v1.2	58.9	11	2591110	-2.99	100%

Table 4. Summary of timing errors from cluster maxs for 5-years from Pemigewasset River, NH.

NWM Version	Characteristic Timescale (hr)	Number of Clusters	Avg WT Power	Median Timing Error (hr)	Avg % Significance in XWT
v1.0	23.4	64	294005	-3.42	84%
v1.1	23.4	64	294005	-3.85	98%
v1.2	23.4	64	294005	1.15	91%
v1.0	27.8	61	284786	-4.19	82%
v1.1	27.8	61	284786	-4.21	97%
v1.2	27.8	61	284786	1.28	90%
v1.0	17.5	67	283064	-2.64	84%
v1.1	17.5	67	283064	-2.77	91%
v1.2	17.5	67	283064	-0.51	85%