



Supplement of

Time-series analysis of the long-term hydrologic impacts of afforestation in the Águeda watershed of North-Central Portugal

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Precipitation (mm)	Annual: All Available Months					Wet Season (Oct - Jan)					Transitional Season (Jun - Sep)					Dry Season (Jun - Sep)								
	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.
	75	1936 to 2010	-11.4	-5.4	0.2	0.161	75	1936 to 2010	-5.3	-1.9	1.6	0.113	75	1936 to 2010	-8.0	-4.8	-1.6	0.025	75	1936 to 2010	-1.1	0.0	0.9	0.970

Streamflow (mm)	Annual: All Available Months					Wet Season (Oct - Jan)					Transitional Season (Jun - Sep)					Dry Season (Jun - Sep)								
	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.
	75	1936 to 2010	-5.2	-1.7	2.1	0.870	75	1936 to 2010	-2.1	-0.1	2.0	0.713	75	1936 to 2010	-4.2	-1.8	0.3	0.451	75	1936 to 2010	NA	NA	NA	NA

Streamflow Yield (Q/PCP)	Annual: All Available Months					Wet Season (Oct - Jan)					Transitional Season (Jun - Sep)					Dry Season (Jun - Sep)								
	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.
	75	1936 to 2010	-0.08%	0.03%	0.13%	0.336	75	1936 to 2010	-0.03%	0.08%	0.19%	0.121	75	1936 to 2010	-0.13%	0.00%	0.18%	0.684	75	1936 to 2010	NA	NA	NA	NA

Baseflow (mm)	Annual: All Available Months					Wet Season (Oct - Jan)					Transitional Season (Jun - Sep)					Dry Season (Jun - Sep)								
	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.
	75	1936 to 2010	-3.4	-1.4	0.8	0.816	75	1936 to 2010	-1.2	-0.1	1.0	0.808	75	1936 to 2010	-2.7	-1.2	0.1	0.451	75	1936 to 2010	NA	NA	NA	NA

Baseflow Index (BF/IQ)	Annual: All Available Months					Wet Season (Oct - Jan)					Transitional Season (Jun - Sep)					Dry Season (Jun - Sep)								
	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.	# Years	Test Period	Lower Bound	T.S. Trend	Upper Bound	M.K. Sig.
	75	1936 to 2010	-0.09%	-0.03%	0.00%	0.896	75	1936 to 2010	-0.07%	0.00%	0.08%	0.725	75	1936 to 2010	-0.20%	-0.09%	0.00%	0.071	75	1936 to 2010	NA	NA	NA	NA