

Table 3.18: Summary of correlations for winter (DJF). Average magnitudes of significant (0.10 level) and stable results for all stations appended with the average sign, marked with a W (C, E) if there are more valid correlations in the western basin (c, e) than the centre (e, w) or east (w, c). Values shown in italic if >10% of stations give significant and stable results, bold italic if > 20%, and bold if > 30%.

	TAVG	TMIN	TMAX	TN10	TX90	TNFD	TXHW	PREC	PQ90	PINT	PF90	PCDD	PN90	PX5D
NAO	+0.56W		<i>+0.59W</i>	+0.54	<i>+0.57W</i>		+0.51W	-0.70W				<i>+0.59W</i>	+0.33	-0.58W
SOI						+0.83					+0.64		+0.65	
MO1	+0.61	-0.58W	<i>+0.61W</i>	-0.43	<i>+0.58W</i>	+0.40	+0.51W	<i>-0.70W</i>	-0.54W	-0.61W		<i>+0.59W</i>	-0.69W	-0.69W
MO2	+0.61	<i>-0.57W</i>	<i>+0.58W</i>	-0.51	<i>+0.59W</i>	+0.52	+0.49W	<i>-0.71W</i>		-0.58		<i>+0.59W</i>	-0.57W	-0.62W
NSCP	<i>-0.68E</i>	<i>-0.66E</i>	<i>-0.64E</i>	-0.56E	<i>-0.54</i>	+0.48E	-0.50	<i>-0.60</i>				<i>+0.61</i>	+0.49	+0.56
SHI		+0.62		+0.48				+0.56W	+0.50			-0.51W	+0.51	+0.51
ABI	<i>-0.55W</i>	<i>-0.54W</i>	<i>-0.58W</i>	+0.50	<i>-0.56</i>	+0.39W							+0.49	
EBI		+0.43	-0.56	+0.47	-0.45W	+0.30	-0.50	<i>+0.67W</i>	+0.70	+0.55W		-0.47W	+0.68W	+0.64W
SLP	+0.38E	<i>+0.57W</i>	<i>-0.63W</i>	+0.39E	<i>-0.62W</i>	<i>-0.53</i>	+0.49	<i>+0.65W</i>				<i>-0.62W</i>	+0.53W	+0.59W
	<i>-0.57W</i>	<i>-0.56W</i>	<i>-0.53W</i>	<i>-0.57W</i>	<i>-0.54W</i>	<i>+0.55W</i>		-0.55W	+0.43			+0.51		
	-0.51W	-0.55W	+0.41		-0.49		0.53	+0.62						
						+0.79					+0.54	-0.54E	+0.57	
Z500	-0.65	+0.70E	<i>-0.65W</i>	+0.34	<i>-0.62W</i>	+0.47	-0.55	<i>+0.67W</i>				<i>-0.61W</i>	+0.51	+0.57W
	-0.52	-0.55	-0.49W	-0.52	-0.50W	+0.47W	-0.50W	-0.58W	+0.45			+0.54W		
	+0.43	-0.46		+0.53								-0.55E	+0.55	
	<i>-0.54W</i>	<i>-0.47W</i>	-0.55	+0.56	<i>-0.53E</i>		-0.39E	-0.34W						
SHM		+0.50		+0.57	+0.56	+0.65	+0.62					-0.43W		
								+0.51	+0.52	+0.44	+0.46		+0.53	+0.45
	<i>+0.57W</i>	<i>+0.58W</i>	+0.53	+0.59W	+0.47W	<i>-0.54W</i>		+0.45W	+0.53W	+0.55	+0.38		+0.49	+0.46
	-0.47W	+0.45	-0.54		+0.57			-0.48	+0.65		+0.64	+0.50W	+0.54	
	+0.58E	+0.59E	+0.55E	+0.54E		-0.39E		+0.46	+0.56	+0.51		-0.54E	+0.47	+0.47
			+0.43					+0.53	+0.55					

Table 3.19: Summary of correlations for spring (MAM). Average magnitudes of significant (0.10 level) and stable results for all stations appended with the average sign, marked with a W (C,E) if there are more valid correlations in the western basin (c, e) than the centre (e, w) or east (w, c). Values shown in italic if >10% of stations give significant and stable results, bold italic if > 20%, and bold if > 30%.

	TAVG	TMIN	TMAX	TNI0	TX90	TNFD	TXHW	PREC	PQ90	PINT	PF90	PCDD	PN90	PX5D
NAO	+0.58W	+0.53W	<i>+0.56W</i>	+0.54	<i>+0.59W</i>	+0.93W	+0.51W	-0.52W	+0.53			+0.50W	+0.33	-0.58W
SOI									+0.61		+0.64		+0.65	
MO1	+0.61	-0.58W	<i>+0.61W</i>	-0.56	<i>+0.58W</i>		+0.51W		-0.54W					
MO2	+0.61	<i>-0.57W</i>	<i>+0.58W</i>	-0.51	<i>+0.59W</i>		+0.49W	-0.46W		-0.44		+0.49W	-0.43	-0.62W
NSCP	<i>+0.53W</i>	+0.5W	<i>+0.55W</i>	+0.5	+0.47	+0.90	-0.5	<i>-0.60</i>				<i>+0.61</i>	+0.49	+0.56
SHI		+0.62		+0.48				+0.56W	+0.5			+0.52W	+0.51	+0.51
ABI	<i>-0.48E</i>	-0.58	<i>-0.53</i>	+0.5	-0.52		-0.51					+0.51	+0.49	
EBI		+0.43	-0.56	+0.47	-0.45W		-0.5	<i>+0.67W</i>	-0.56E	+0.50		-0.47W	+0.68W	+0.64W
SLP	<i>-0.59E</i>	-0.59E	<i>-0.61E</i>	-0.62	<i>-0.62W</i>		-0.56	<i>+0.65W</i>				+0.62	+0.53W	+0.59W
	<i>-0.57W</i>	<i>-0.56W</i>	<i>-0.53W</i>	<i>-0.57W</i>	<i>-0.54W</i>		+0.47	-0.55W	+0.43			+0.51		
	-0.40	-0.43W	-0.44	-0.45W	-0.49		+0.53	+0.62						
								+0.46			+0.54	+0.55	+0.39	
	+0.56	+0.58	<i>+0.55W</i>		<i>+0.56W</i>			<i>-0.53W</i>				<i>+0.51W</i>	+0.51	
Z500	-0.50E	-0.51E	-0.47E	+0.6	<i>-0.62W</i>		-0.55	<i>+0.67W</i>				<i>-0.61W</i>	+0.51	+0.57W
	<i>-0.52</i>	<i>-0.55</i>	-0.49W	-0.52	-0.5W	+0.94	-0.5W	<i>-0.58W</i>	+0.45			+0.54W		
	-0.51	-0.52	<i>-0.53</i>	+0.42				+0.57				<i>-0.55E</i>	+0.62	
	+0.56	+0.56	-0.52W	+0.56	-0.49W		-0.39E	+0.48				+0.46		
		+0.45	+0.58									+0.49W		
	+0.6	+0.58		-0.49E			+0.48							
SHM			+0.5W		+0.56			+0.46				+0.46		
	-0.36W	-0.35W	-0.34W	+0.57	+0.60	+0.94	-0.37E		+0.56			+0.47		
						+0.94		+0.65	+0.52	+0.44	+0.46		+0.53	-0.34
	<i>+0.57W</i>	<i>+0.58W</i>	+0.53	+0.59W	+0.47W		+0.51	+0.45W	+0.53W	+0.55	+0.38		+0.49	+0.46
<i>-0.57W</i>	-0.51W	-0.62W	-0.62W	+0.62	<i>+0.28W</i>		+0.50	+0.65	+0.50	+0.51	+0.50W	+0.54	+0.43	

Table 3.20: Summary of correlations for summer (JJA). Average magnitudes of significant (0.10 level) and stable results for all stations appended with the average sign, marked with a W (C,E) if there are more valid correlations in the western basin (c, e) than the centre (e, w) or east (w, c). Values shown in italic if >10% of stations give significant and stable results, bold italic if > 20%, and bold if > 30%.

	TAVG	TMIN	TMAX	TNI0	TX90	TNFD	TXHW	PREC	PQ90	PINT	PF90	PCDD	PN90	PX5D
NAO	+0.44	+0.53W	+0.41	+0.49	<i>+0.59W</i>		+0.51W	-0.52W				+0.50W	+0.33	-0.58W
SOI					+0.56					+0.54	+0.64		+0.65	
MO1	+0.61	-0.58W	<i>+0.61W</i>	-0.56	<i>+0.58W</i>		+0.51W	-0.41				-0.59		
MO2	+0.61	<i>-0.57W</i>	<i>+0.58W</i>	-0.51	<i>+0.59W</i>		+0.49W	-0.42		-0.44		+0.49	-0.43	-0.39
NSCP	+0.35W	+0.33W	+0.34W	+0.62	-0.60E		-0.52E	+0.51		+0.66		+0.57	+0.49	+0.56
SHI														
ABI	<i>-0.48E</i>	-0.58	+0.48	+0.5	+0.48		-0.59	+0.51		+0.53		+0.51	+0.49	+0.56
EBI		+0.43	-0.56	+0.47	-0.45W		-0.5	<i>+0.67W</i>		+0.50		-0.47W	+0.68W	+0.64W
SLP	-0.42	+0.46	-0.48	-0.62	-0.43		+0.45	+0.37				+0.62	+0.53W	+0.37
	+0.69	<i>-0.56W</i>	-0.34W	+0.57	<i>-0.54W</i>		+0.47	+0.45				+0.51	+0.50	+0.44
	-0.47	-0.43W	-0.51	-0.45W	-0.5		+0.6	+0.52				+0.52	+0.50	
								+0.46			+0.54	+0.55	+0.39	
	+0.56	+0.58	+0.48		-0.47W			<i>-0.53W</i>		+0.48		<i>+0.51W</i>	+0.51	
Z500	-0.50E	-0.51E	+0.42	+0.6	<i>-0.62W</i>		+0.34	<i>+0.67W</i>				<i>-0.61W</i>	+0.51	+0.57W
	-0.48	+0.5	-0.63E	+0.5	-0.58E		-0.56E	+0.60				-0.50E	+0.61	+0.52
	-0.51	-0.52	<i>-0.53</i>	+0.42				+0.57			+0.37	<i>-0.55E</i>	+0.62	
	+0.57	+0.56	+0.68	+0.56	-0.49W		-0.39E	+0.48				+0.46		
	-0.18W	+0.89W	+0.89W		<i>-0.24W</i>									
	+0.6	+0.58		-0.49E			+0.6							
SHM	+0.62	-0.39	+0.5W	+0.51	+0.57			+0.46		+0.50	+0.41	+0.46		
	+0.39	+0.55	-0.34W	+0.57	+0.32		-0.37E	+0.63		+0.53		+0.47	+0.66	+0.59
	+0.52		+0.48					+0.65		+0.55	+0.47		+0.53	-0.34
	<i>+0.57W</i>	<i>+0.58W</i>	+0.53	+0.48W	+0.47W		+0.51	+0.48		+0.55	+0.38		+0.49	+0.48
	<i>-0.57W</i>	-0.51W	-0.62W	+0.47	+0.62			+0.50		+0.50	+0.51	+0.50W	+0.54	+0.43

Table 3.21: Summary of correlations for autumn (SON). Average magnitudes of significant (0.10 level) and stable results for all stations appended with the average sign, marked with a W (C,E) if there are more valid correlations in the western basin (c, e) than the centre (e, w) or east (w, c). Values shown in italic if >10% of stations give significant and stable results, bold italic if > 20%, and bold if > 30%.

	TAVG	TMIN	TMAX	TNI0	TX90	TNFD	TXHW	PREC	PQ90	PINT	PF90	PCDD	PN90	PX5D
NAO	+0.44	+0.53W	+0.41	+0.49	<i>+0.59W</i>		+0.51W	-0.52W	+0.55W		+0.52	+0.50	+0.51	-0.58W
SOI					+0.56			<i>-0.49W</i>	+0.51W	-0.42	-0.41	+0.56	-0.44W	
MOI	+0.61	-0.58W	<i>+0.61W</i>	-0.43W	<i>+0.58W</i>		+0.51W	-0.58W		-0.46		-0.46		-0.49
MO2	+0.51W	+0.55W	+0.56W	-0.51	<i>+0.59W</i>		+0.52W	<i>-0.57W</i>	-0.51W	-0.50W	-0.52W	<i>+0.5W</i>	-0.48W	-0.48W
NSCP	<i>-0.51E</i>	-0.56E	-0.53E	+0.62	+0.49		-0.52E	+0.51		+0.66		+0.48	+0.49	+0.56
SHI														
ABI	+0.67	+0.57	+0.48	+0.50	+0.48		-0.59	+0.51		+0.53		-0.41	+0.49	+0.56
EBI		+0.43	-0.56	+0.47	-0.45W		+0.54	+0.44		+0.50		+0.47	+0.68W	+0.64W
SLP	+0.49	+0.55	+0.46	+0.48	+0.52		+0.45	<i>+0.59W</i>	+0.60W	+0.53	+0.47	-0.52W	+0.53W	+0.52
	+0.69	<i>-0.56W</i>	-0.34W	-0.46	<i>-0.54W</i>		+0.47	+0.45				+0.51	+0.50	+0.44
	-0.47	-0.43W	-0.51	-0.45W	-0.50		+0.60	+0.52				+0.52	+0.50	+0.50
	+0.53	+0.59	+0.68					+0.62			+0.54	+0.55	+0.39	+0.38
	+0.56	+0.58	+0.48		-0.47W			<i>-0.53W</i>		+0.48		<i>+0.51W</i>	+0.55	
Z500	+0.50	+0.53E	-0.51W	+0.45	<i>-0.62W</i>		+0.34	<i>+0.54W</i>			+0.48	-0.51W	+0.49W	+0.57W
	-0.48	+0.50	+0.64	+0.50	-0.58E		-0.56E	+0.60				-0.50E	+0.61	+0.52
	-0.51	-0.52	<i>-0.53</i>	+0.42				+0.50			+0.37	<i>-0.55E</i>	+0.62	
	+0.57	+0.56	+0.68	+0.65	-0.49W		-0.39E	+0.48	+0.54W			+0.46		
	+0.51W	+0.89W	+0.52W		<i>-0.24W</i>			+0.62W						
	+0.60	+0.58		-0.49E			+0.60		+0.70W					
SHM	+0.63	+0.36E	+0.57	+0.47	+0.31		-0.37E	+0.41W		+0.53		-0.40W	+0.66	+0.59
	+0.52		+0.48					+0.65		+0.55	+0.47		+0.53	-0.34
	<i>+0.49W</i>	+0.49W	+0.50	+0.59	+0.47W		+0.51	+0.48	+0.40W	+0.55	+0.38		+0.49	+0.48
	<i>-0.57W</i>	-0.51W	-0.62W	+0.47	+0.62			+0.50		+0.50	+0.51	+0.50W	+0.54	+0.43

