

			ERA-Interim	MERRA-2	
Diff. of mean IWV	DJF	NH (78 stations)	$+0.56 \pm 0.50 \text{ kg m}^{-2}$ $+6.65 \% \pm 6.70 \%$	$+0.56 \pm 0.60 \text{ kg m}^{-2}$ $+7.05 \% \pm 7.00 \%$	
		SH (26 stations)	$-0.06 \pm 1.13 \text{ kg m}^{-2}$ $-0.25 \% \pm 4.90 \%$	$+0.70 \pm 0.98 \text{ kg m}^{-2}$ $+3.0 \% \pm 4.10 \%$	
	JJA	NH	$+0.48 \pm 1.16 \text{ kg m}^{-2}$ $+2.45 \% \pm 5.20 \%$	$+1.14 \pm 0.94 \text{ kg m}^{-2}$ $+5.10 \% \pm 4.70 \%$	
		SH	$+0.21 \pm 0.57 \text{ kg m}^{-2}$ $+2.10 \% \pm 6.40 \%$	$+0.61 \pm 0.68 \text{ kg m}^{-2}$ $+4.70 \% \pm 7.60 \%$	
	Diff. of rel. std. of IWV	DJF	NH	$-0.35 \% \pm 1.80 \%$	$-0.40 \% \pm 1.50 \%$
			SH	$-0.15 \% \pm 1.50 \%$	$0.00 \% \pm 1.20 \%$
JJA		NH	$-0.20 \% \pm 1.10 \%$	$-0.10 \% \pm 0.80 \%$	
		SH	$-0.10 \% \pm 1.90 \%$	$-0.45 \% \pm 2.00 \%$	
Diff. in IWV trends	Monthly	NH	$-0.60 \pm 2.60 \% \text{ decade}^{-1}$	$-0.10 \pm 2.50 \% \text{ decade}^{-1}$	
		SH	$+0.00 \% \pm 4.20 \% \text{ decade}^{-1}$	$+0.20 \% \pm 3.10 \% \text{ decade}^{-1}$	
	DJF	NH	$-1.25 \% \pm 6.70 \% \text{ decade}^{-1}$	$-1.05 \% \pm 4.70 \% \text{ decade}^{-1}$	
		SH	$+0.40 \% \pm 3.90 \% \text{ decade}^{-1}$	$-0.15 \% \pm 4.60 \% \text{ decade}^{-1}$	
	JJA	NH	$-0.20 \% \pm 3.60 \% \text{ decade}^{-1}$	$+0.00 \% \pm 3.00 \% \text{ decade}^{-1}$	
		SH	$-0.55 \% \pm 7.10 \% \text{ decade}^{-1}$	$+0.65 \% \pm 7.00 \% \text{ decade}^{-1}$	