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