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## Supplemental Material

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Moisture Sources for East Asian Precipitation: Mean Seasonal Cycle and Interannual Variability  
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6 TABLE S1. Seasonal moisture contributions from three sectors (Eurasian Continent, Indian Ocean and Pacific  
7 Ocean) to five regions (units: %). Contributions are further divided by the moisture lifetime at values of 5, 10  
8 and 20 days. Values shown here are corresponding to bar charts in Figure 4.

Region	Season	$\rho$	Eurasian Continent				Indian Ocean				Pacific Ocean			
			5d	10d	20d	20 <sup>+</sup> d	5d	10d	20d	20 <sup>+</sup> d	5d	10d	20d	20 <sup>+</sup> d
1	DJF	14%	12%	18%	12%	3%	1%	11%	7%	1%	2%	9%	7%	3%
	MAM	14%	13%	13%	11%	4%	3%	10	13%	6%	0	3%	8%	2%
	JJA	16%	7%	5%	6%	4%	3%	15%	24%	5%	1%	3%	6%	5%
	SON	19%	5%	12%	6%	1%	0	10	12%	7%	0	14%	10 %	4%
2	DJF	13%	14%	26%	18%	7%	0	3%	13%	4%	0	0	0	2%
	MAM	30	19%	15%	16%	5%	0	1%	11%	2%	0	0	0	1%
	JJA	24%	10	15%	12%	10	0	6%	16%	5%	0	0	0	2%
	SON	28%	11%	19%	14%	2%	0	3%	13%	8%	0	0	1%	1%
3	DJF	9%	13%	18%	28%	7%	0	3%	6%	3%	4%	3%	5%	1%
	MAM	9%	20	21%	16%	6%	0	3%	7%	4%	4%	3%	4%	3%
	JJA	10	10	17%	11%	5%	0	5%	13%	6%	3%	6%	9%	5%
	SON	11%	14%	20	14%	4%	0	0	7%	5%	6%	5%	9%	5%
4	DJF	5%	10	21%	44%	5%	0	0	7%	5%	0	0	1%	2%
	MAM	17%	20	23%	21%	7%	0	0	6%	4%	0	1%	0	1%
	JJA	20	12%	19%	21%	7%	0	2%	7%	5%	0	2%	3%	2%
	SON	12%	18%	22%	23%	4%	0	0	6%	6%	0	1%	3%	5%
5	DJF	7%	6%	11%	41%	7%	0	0	2%	3%	10	5%	6%	2%
	MAM	12%	13%	22%	19%	8%	0	0	2%	4%	10	4%	4%	2%
	JJA	12%	5%	21%	17%	5%	0	0	7%	6%	8%	8%	7%	4%
	SON	9%	13%	17%	21%	2%	0	0	2%	7%	14%	4%	5%	6%

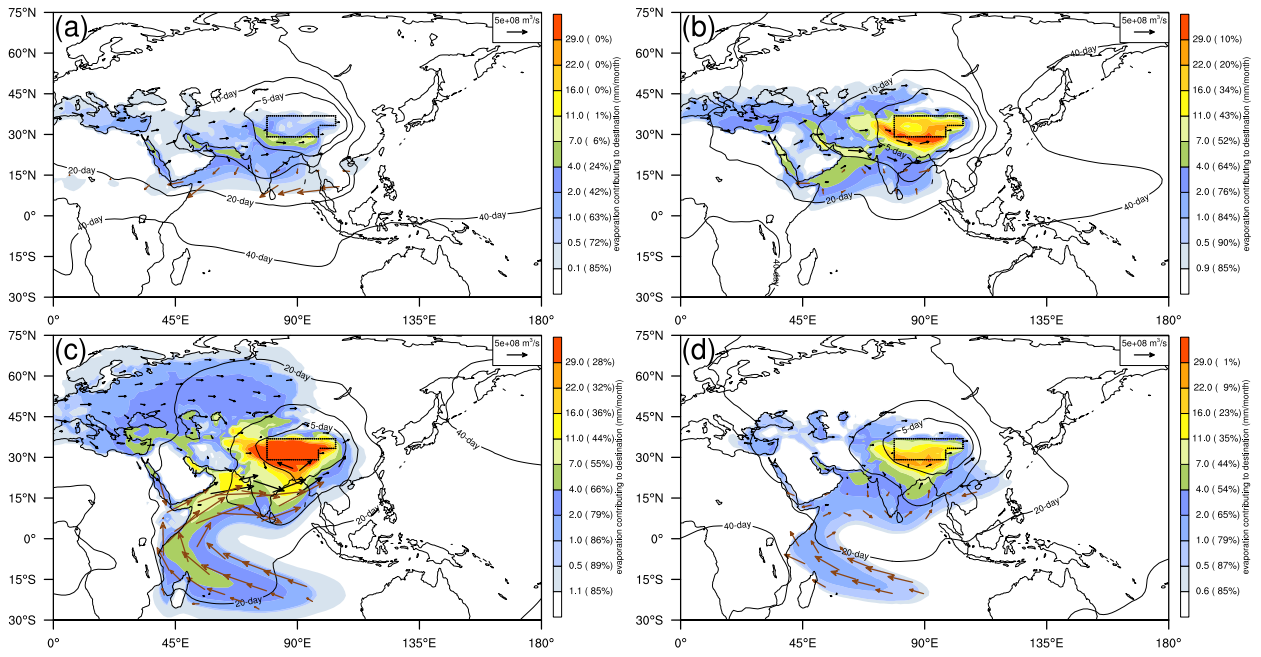
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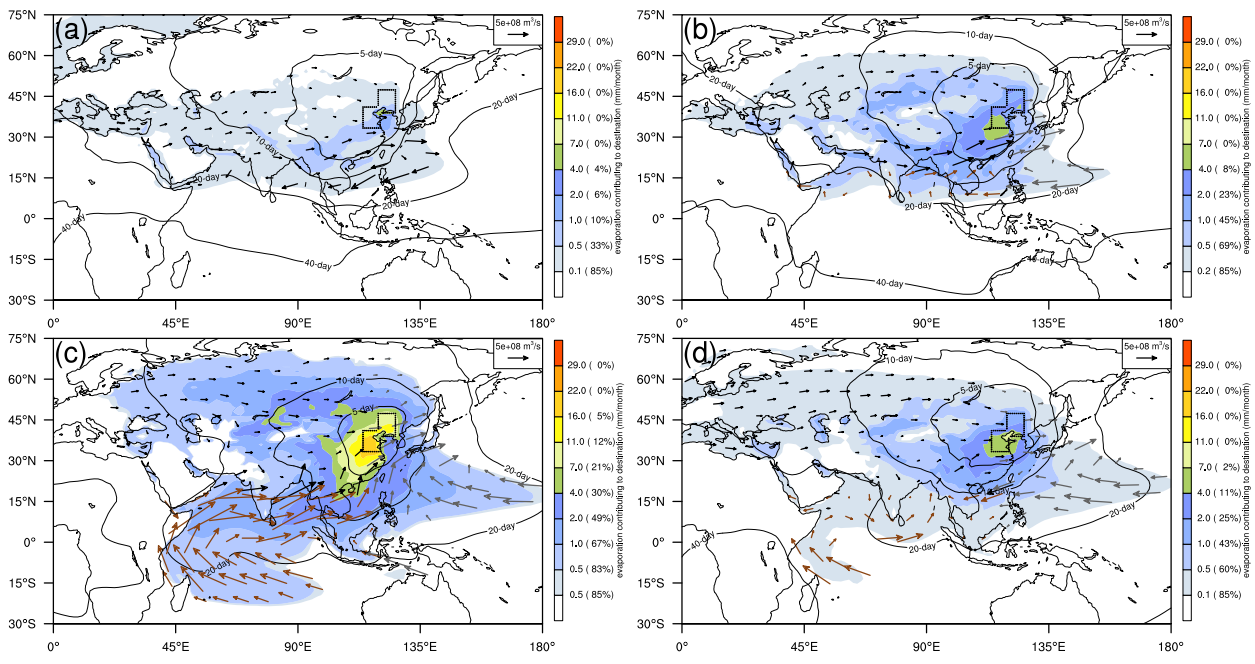
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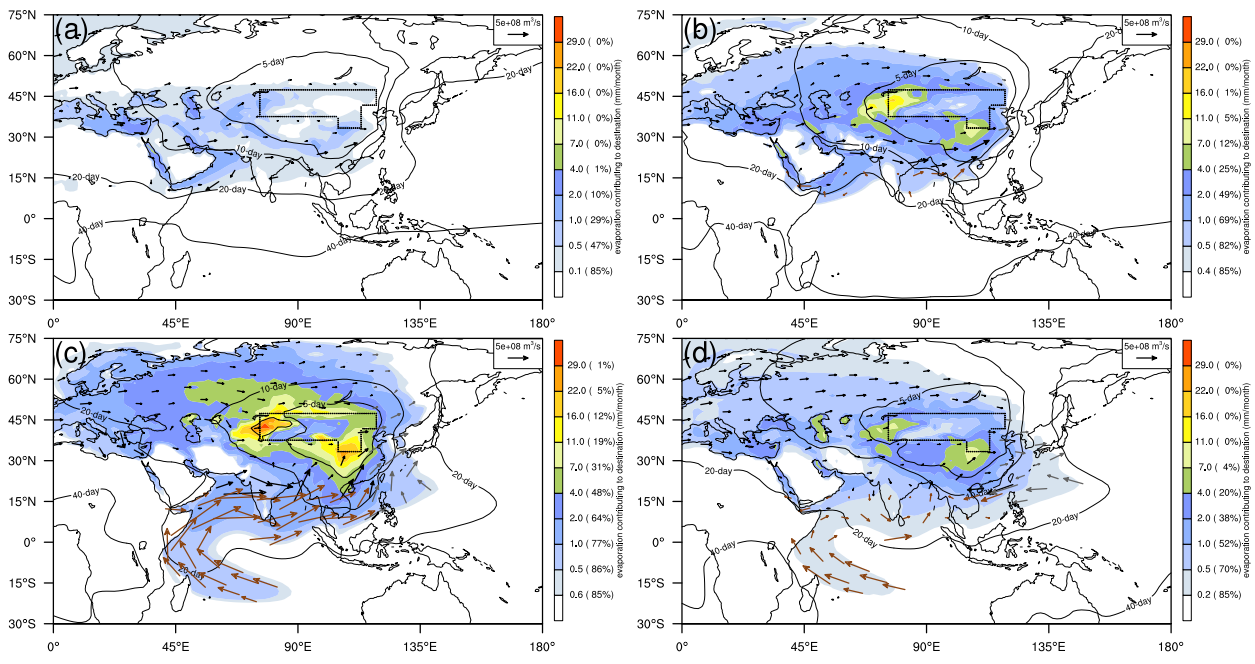
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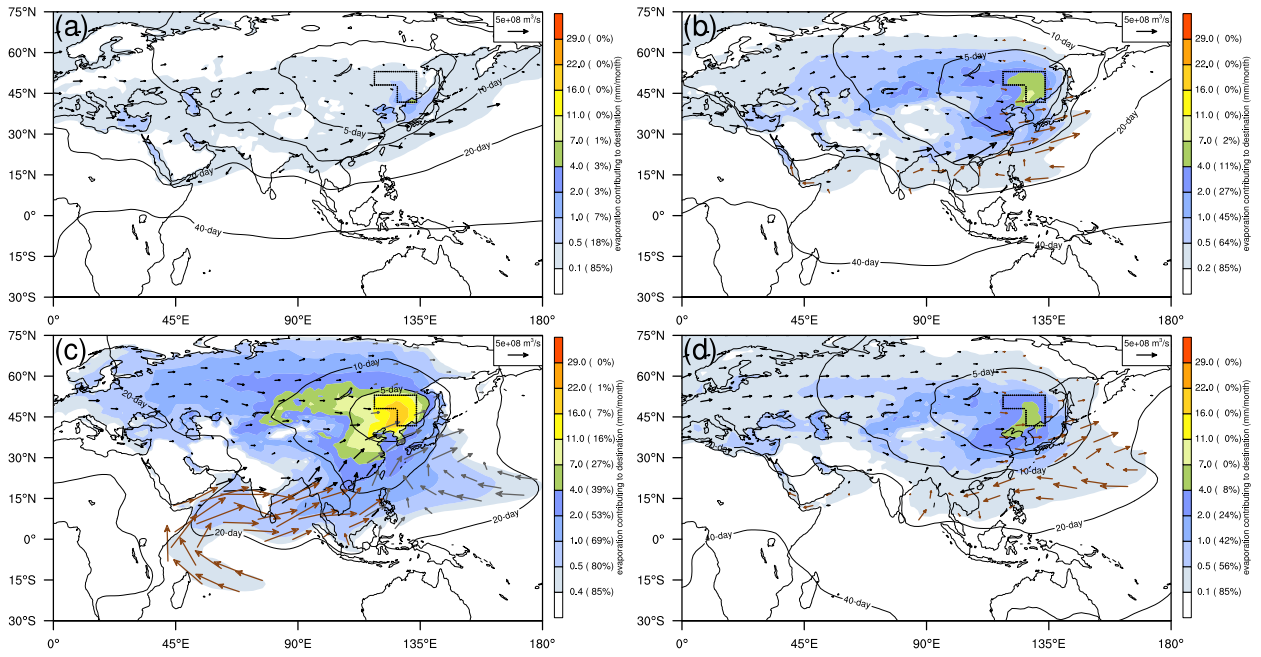
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20 FIG. S2. Seasonal mean moisture sources for precipitation in region 3 for (a) DJF, (b) MAM, (c) JJA and (d)  
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