

Table S1. The occurrence of meteorological disasters in IM

MD	2000	2001	2002	2003	2004	2005	2006
D	XGL—MP; IM—E; IM—W	IM—MW; HBC—W; XGL	XGL—MP; TC	HBC; HGL; TC; CC—NE; XGL—E	IM—E; XGL—N	IM—MW; XGL—N&S&W	XGL—E; HGL—S; CC—N
SD	IM—ME	IM—ME	HBC; UQC—C	HBC; IM—MW	HBC; HGL—MW&S; XGL—NE	HBC—N; HGL—N; XGL—NE; BNC—NE	CC—NW&N; TC; XGL—SP; BNC—MP
MD	2007	2008	2009	2010	2011	2012	2013
D	IM—E; AL—W&E; ODC—SW; HHC; UQC—C; XGL—ME	HGL; TC; CC	IM—NE; HBC—MW; TC; CC; XGL—MP; UQC; AL—MW	HBC—W; HGL—MP; TC—N; CC—NE; XGL—NE; BNC—NW; AL—W	IM—ME; ODC		IM—MW; ODC—SW
SD	CC; TC; ODC		HBC—W&NW	HBC—MP; HGL—SP; TC; CC-W; XGL—MP; UQC; BNC—NW		IM—ME; UQC; HHC	IM—ME; UQC
MD	2014	2015	2016	2017	2018	2019	2020
D	AL—MP; ODC—W; BNC—NW; BC—NW; UQC—C; XGL—NE; CC—MP	IM—MW	IM—ME; UQC; BC	IM—ME	IM—E; BNC	HBC—N&NW; XGL—E&W	HBC—N; TC—S; CC—E; AL—N
SD		BNC—MP					

Note: MD—Meteorological disaster; D—Drought; SD—Snow disaster; IM—Inner Mongolia; AL—Alxa league; BC—Baotou city; BNC—Bayannur city; CC—Chifeng city; HBC—Hulun Buir city; HGL—Hinggan league; HHC—Hohhot city; ODC—Ordos city; TC—Tongliao city; UQC—Ulanqab city; XGL—Xilingol league; M—Most part; SP—Some parts; C—Central; E—East; N—North; S—South; W—West; ME—Middle East; MW—Midwest; NE—Northeast; NW—Northwest; SC—South Central; SE—Southeast; SW—Southwest.

Table S2. Drought classification of SPEI [1]

Classification	Type	SPEI
1	No drought	$-0.5 < \text{SPEI}$
2	Light drought	$-1.0 < \text{SPEI} \leq -0.5$
3	Moderate drought	$-1.5 < \text{SPEI} \leq -1.0$
4	Severe drought	$-2.0 < \text{SPEI} \leq -1.5$
5	Extreme drought	$\text{SPEI} \leq -2.0$

Table S3. Classification of drought and wet spell based on SWEI [2]

Classification	Type	SWEI
1	Exceptional Drought	$\text{SWEI} \leq -2.0$
2	Extreme Drought	$-2.0 < \text{SWEI} \leq -1.6$
3	Severe Drought	$-1.6 < \text{SWEI} \leq -1.3$
4	Moderate Drought	$-1.3 < \text{SWEI} \leq -0.8$
5	Abnormally Dry	$-0.8 < \text{SWEI} \leq -0.5$
6	Near Normal	$-0.5 < \text{SWEI} < 0.5$
7	Abnormally Wet	$0.5 \leq \text{SWEI} < 0.8$
8	Moderate Wet Spell	$0.8 \leq \text{SWEI} < 1.3$
9	Severe Wet Spell	$1.3 \leq \text{SWEI} < 1.6$
10	Extreme Wet Spell	$1.6 \leq \text{SWEI} < 2.0$
11	Exceptional Wet Spell	$\text{SWEI} \geq 2.0$

References

1.

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2.

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