

Table 1. The occurrence time, period of the maximum amplitude, maximum amplitude and vertical wavelength of QTDW events at 90km over KB.

	occurrence time (day)	Period of the maximum amplitude (hour)	maximum amplitude (m/s)	Vertical wavelength (km)	Wavenumber (positive: eastward, negative: westward)
2003	37	48	32.3	15.6	-3
	54	52	39.6	23.4	-2
	78	49	38.0	28.6	-2
	180	52	28.2	28.2	-1
	211	41	20.9	25.7	-3
	248	48	33.0	20.4	-1
	257	43	37.9	21.7	-3
2004	14	45	52.1	37.2	-3
	45	48	42.0	20.8	-2
	79	48	42.0	22.4	-3
	201	48	43.3	27.3	-3
	245	47	28.4	19.9	-1
	266	50	44.3	22.7	-1
	306	45	35.6	19.9	-1
2005	27	49	39.1	36.9	-3
	50	50	31.4	20.2	-1
	82	47	53.4	19.8	-2
	134	54	26.7	53.6	-1
	165	55	23.3	45.2	-2
	215	44	33.4	40.5	-3
	222	41	32.6	27.7	-2
2006	15	44	62.7	35.4	-3
	25	45	52.8	64.0	-3
	32	46	57.5	49.1	-2
	53	46	32.2	20.2	-2
	70	50	34.2	20.7	-2
	95	49	61.5	20.0	-2
	127	44	31.6	26.5	-3
	155	54	34.8	22.2	-2
	208	52	58.7	33.3	-3
	285	47	50.7	19.4	-1
2007	21	51	36.8	29.6	-3
	37	48	44.5	26.0	-3
	64	47	44.1	29.3	-1
	161	58	37.1	19.3	-3

	173	49	42.0	28.1	-2
	188	45	48.4	25.3	-3
	226	45	31.6	22.5	-2
	254	48	33.1	16.8	-2
	263	50	42.1	21.3	-1
	273	49	42.5	27.2	-2
	298	49	43.7	22.9	-1
2008	7	44	42.0	51.0	-2
	33	53	34.8	42.3	-3
	43	57	29.0	20.1	-3
	53	50	29.6	26.2	-2
	75	44	32.4	19.8	-1
	186	50	44.4	27.8	-4
	219	49	55.2	27.5	-2
	266	44	49.5	19.9	-1
	299	45	34.1	26.8	-2
2009	23	45	44.5	28.3	-3
	85	49	39.5	24.5	-1
	145	50	36.8	28.3	-2
	226	46	32.6	24.4	-1
	241	48	34.1	24.6	-1
	320	49	33.5	25.4	-2
2010	40	52	63.5	31.6	-3
	98	47	48.7	21.8	-2
2011	11	45	81.3	40.7	-2
	262	45	35.5	20.8	-1
	288	48	40.1	18.2	-1
2012	20	45	78.6	36.5	-3
	44	48	39.3	25.7	-3
	58	39	33.7	37.8	-1
	82	42	40.3	24.6	-3
	108	50	44.5	18.3	-1
	175	53	26.9	19.9	-3
	211	50	40.6	29.8	-3
	263	46	35.1	21.8	-1