

Cherry-picked breakup dates for Hudson Bay 1991-2009_Table 1 updated

Table 1. Calendar dates converted from Julian dates extracted by me (Crockford, PolarBearScience.com, March 21, 2013) from Cherry *et al.* (2013: Fig. 2). Leap years are accounted for but may still be off by a day or two because of estimating the Julian dates from a graph. **June 17** appears to be the earliest date of breakup between 1991 and 2009, and **July 30** was the latest. **Only 9/19 breakup dates occurred in June and none of those fell in the first half of the month.**

Year	Julian Date (from graph)	Calendar date
1991	180	29 Jun
1992*	212	30 Jul [latest]
1993	180	29 Jun
1994	190	09 Jul
1995	186	05 Jul
1996*	190	08 Jul
1997	186	05 Jul
1998	170	19 Jun
1999	168	17 Jun [earliest]
2000*	190	08 Jul
2001	170	19 Jun
2002	188	07 Jul
2003	172	21 Jun
2004*	192	10 July
2005	178	27 Jun
2006	170	19 Jun
2007	172	21 Jun
2008*	184	02 Jul
2009	190	09 Jul
*leap years		

Cherry, S.G., Derocher, A.E., Thiemann, G.W., Lunn, N.J. 2013. Migration phenology and seasonal fidelity of an Arctic marine predator in relation to sea ice dynamics. *Journal of Animal Ecology* **82**:912-921.