Supplementary Table 1: Category 3-5 cyclones that made landfall in Australia between 2005 and 2021. Landsat data pertaining to these cyclones was used to document the short- and long-term impact to mangroves.

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| Cyclone | Landfall Date | Category | Maximum recorded wind gust (km hr-1) | Landfall location |
| Ingrid | Multiple landfalls between 10th – 15th March 2005 | 5 | 220 | Landfall 1: Cape York Peninsula, QLD  Landfall 2: near Nhulunbuy, NT  Landfall 3: Tiwi Islands. NT, Landfall 4: Kalumburu, WA |
| Larry | 20th March 2006 | 4 | 240 | Close to Innisfail, QLD |
| Monica | 24 April 2006 | 5 | 350 | West of Maningrida, NT |
| George | 8th March 2007 | 5 | 250 | 50 km northeast of Port Headland, WA |
| Laurence | 16th December 2009  21st December 2009 | 5 | 295 | Landfall 1: Collier Bay, east of Koolan Island, WA  Landfall 2: Eighty Mile Beach, WA |
| Yasi | 3rd February 2011 | 5 | 290 | Near Mission Beach, QLD (north of Hinchinbrook Island) |
| Ita | 11th April 2014 | 4 | 230 | Near Cape Flattery, QLD |
| Lam | 19th February 2015  20th February 2015 | 4 | 260 | Landfall 1: Cape Wessel, NT  Landfall 2: south of Milingimbi Island, NT |
| Marcia | 20th February 2015 | 5 | 208 | Shoalwater Bay, QLD |
| Nathan | 10th and 22nd March 2015 | 3 | 185 | Landfall 1: Cape York, QLD  Landfall 2: East Arnhem, NT |