

Supplement of Biogeosciences, 11, 5323–5333, 2014
<http://www.biogeosciences.net/11/5323/2014/>
doi:10.5194/bg-11-5323-2014-supplement
© Author(s) 2014. CC Attribution 3.0 License.



Supplement of

Typhoons exert significant but differential impacts on net ecosystem carbon exchange of subtropical mangrove forests in China

H. Chen et al.

Correspondence to: G. Lin (lingh@mail.tsinghua.edu.cn or lin.guanghai@sz.tsinghua.edu.cn)

Table A1. Characteristics of typhoon landed near Yunxiao (YX) and Gaoqiao (GQ) site during a four year period between 2009 and 2012.

Name	DOY _{Land}	Duration	Category	Wind _{Land}	Wind _{min. distance}	Distance _{min}	Rainfall
YX site							
Linha	171	35	9	23	18.66	100	43.70
Molave	199	16	12	35	18.22	223	9.10
Lionrock	245	41	9	23	17.58	9	79.30
Namtheum	243	9	8	18	7.87	171	8.00
Meranti	253	25	12	35	11.14	142	3.00
Fanapi	263	32	12	35	23.06	23	85.8
Megi	295	36	13	38	24.62	29	84.3
Sarika	161	15	8	18	18.22	42	20.9
Babj	241	45	9	23	9.86	127	56.8
GQ site							
Soudelor	193	20	8	18	18.05	141	0.20
Goni	217	74	9	23	19.47	73	100.00
Mujigae	254	16	8	20	14.33	197	31.4
Koppu	258	24	12	35	9.04	133	95.8
Parma	285	46	9	23	11.74	212	115.80
Chanthu	203	34	12	35	22.01	29	16.30
Nockten	210	14	10	28	17.81	197	2.8
Nesat	272	25	12	35	25.76	122	55.6

Vicente	205	20	13	40	9.44	137	25.4
Kaitak	229	20	13	40	35.31	55	25.1

DOY_{Land} : The time of year that typhoon made landfall;

Duration: The length of time when the typhoon occurred at a distance less than 300 km from our study site;

Category: Beaufort wind force scale;

$Wind_{Land}$: The maximum wind speed of typhoon when made landfall;

$Wind_{min.distance}$: The maximum wind speed near mangrove ecosystem when the typhoon was the nearest to it;

$Distance_{min}$: The minimum distance from mangrove study site during typhoon period.