

Table 6.7: List of astronomical amplitudes H_f (m) for main waves of FES2004 (in bold) and for some secondary waves (with their pivot waves when they have to be linearly interpolated).

Darwin's symbol	Doodson's number	H_f	Pivot wave 1	Pivot wave 2
$\Omega 1$	055.565	.02793		
$\Omega 2$	055.575	-.00027		
S_a	056.554	-.00492		
S_{sa}	057.555	-.03100		
S_{ta}	058.554	-.00181	057.555	065.455
M_{sm}	063.655	-.00673	057.555	065.455
	065.445	.00231	057.555	065.455
M_m	065.455	-.03518		
	065.465	.00229	065.455	075.555
	065.555	-.00375	065.455	075.555
	065.655	.00188	065.455	075.555
M_{sf}	073.555	-.00583	065.455	075.555
	075.355	-.00288	065.455	075.555
M_f	075.555	-.06663		
	075.565	-.02762	075.555	085.455
	075.575	-.00258	075.555	085.455
M_{stm}	083.655	-.00242	075.555	085.455
	083.665	-.00100	075.555	085.455
M_{tm}	085.455	-.01276		
	085.465	-.00529	085.455	093.555
M_{sqm}	093.555	-.00204		
	095.355	-.00169	085.455	093.555
	117.655	-.00194	135.455	145.555
2Q1	125.755	-.00664	135.655	145.555
$\sigma 1$	127.555	-.00802	135.655	145.555
$\sigma 1$	135.645	-.00947	135.655	145.555
Q1	135.655	-.05020		
	137.445	-.00180	135.655	145.555
$\rho 1$	137.455	-.00954	135.655	145.555
	145.545	-.04946	135.655	145.555
O1	145.555	-.26221		
	145.755	.00170	145.555	165.555
$\tau 1$	147.555	.00343	145.555	165.555
	153.655	.00194	145.555	165.555
	155.455	.00741	145.555	165.555
	155.555	-.00399	145.555	165.555
M1	155.655	.02062	145.555	165.555
	155.665	.00414	145.555	165.555
$\chi 1$	157.455	.00394	145.555	165.555
$\pi 1$	162.556	-.00714	145.555	165.555
P1	163.555	-.12203		
S1	164.556	.00289		
K1-	165.545	-.00730	145.555	165.555
K1	165.555	.36878		
K1+	165.565	.05001	145.555	165.555
$\psi 1$	166.554	.00293	145.555	165.555
$\varphi 1$	167.555	.00525	145.555	165.555
$\theta 1$	173.655	.00395	145.555	165.555
J1	175.455	.02062	145.555	165.555

Darwin's symbol	Doodson's number	H_f	Pivot wave 1	Pivot wave 2
	175.465	.00409	145.555	165.555
So1	183.555	.00342	145.555	165.555
	185.355	.00169	145.555	165.555
Oo1	185.555	.01129	145.555	165.555
	185.565	.00723	145.555	165.555
v 1	195.455	.00216	145.555	165.555
3N2	225.855	.00180	235.755	245.655
q2	227.655	.00467	235.755	245.655
2N2	235.755	.01601		
μ2	237.555	.01932	235.755	245.655
	245.555	-.00389	237.755	245.655
	245.645	-.00451	237.755	245.655
N2	245.655	.12099		
v 2	247.455	.02298	245.655	255.555
γ2	253.755	-.00190	245.655	255.555
α2	254.556	-.00218	245.655	255.555
	255.545	-.02358	245.655	255.555
M2	255.555	.63192		
β2	256.554	.00192	255.555	275.555
λ2	263.655	-.00466	255.555	275.555
L2	265.455	-.01786	255.555	275.555
	265.555	.00359	255.555	275.555
	265.655	.00447	255.555	275.555
	265.665	.00197	255.555	275.555
T2	272.556	.01720	255.555	275.555
S2	273.555	.29400		
R2	274.554	-.00246	255.555	275.555
K2	275.555	.07996		
K2+	275.565	.02383	255.555	275.555
K2++	275.575	.00259	255.555	275.555
η2	285.455	.00447	255.555	275.555
	285.465	.00195	255.555	275.555
M4	455.555			