

List of Harmonic Constituents

<i>Name</i>	<i>Speed (Deg/hr)</i>	<i>XDO</i>	
		<i>Numerical</i>	<i>Alphabetical</i>

Long Term Constituents

Zo	0.000 000	0 555 555	Z ZZZ ZZZ
Sa	0.041 067	0 565 545	Z ZAZ ZYZ
Sa	0.041 069	0 565 555	Z ZAZ ZZZ
Ssa	0.082 137	0 575 555	Z ZBZ ZZZ
Sta	0.123 204	0 585 544	Z ZCZ ZYY
MSm	0.471 521	0 636 555	Z AXA ZZZ
Mnum (Mvm)	0.471 521	0 636 555	Z AXA ZZZ
Mm	0.544 375	0 654 555	Z AZY ZZZ
MSf	1.015 896	0 735 555	Z BXZ ZZZ
MSo	1.015 896	0 735 555	Z BXZ ZZZ
SM	1.015 896	0 735 555	Z BXZ ZZZ
Mf	1.098 033	0 755 555	Z BZZ ZZZ
KOo	1.098 033	0 755 555	Z BZZ ZZZ
MKo	1.098 033	0 755 555	Z BZZ ZZZ
Snu2 (Sv2)	1.487 417	0 816 555	Z CVA ZZZ
SN	1.560 270	0 834 555	Z CXY ZZZ
MStm	1.569 554	0 836 555	Z CXA ZZZ
Mfm	1.642 408	0 854 555	Z CZY ZZZ
2SM	2.031 792	0 915 555	Z DVZ ZZZ
MSqm	2.113 929	0 935 555	Z DXZ ZZZ
Mqm	2.186 782	0 953 555	Z DZX ZZZ
2SMN	2.576 166	-----	Z EVY ZZZ

Diurnal Constituents

2Q1	12.854 286	1 257 554	A WZB ZZY
NJ1	12.854 286	1 257 554	A WZB ZZY
2OK1	12.845 003	-----	-----
muK1 (μ K1)	12.927 140	-----	-----
nuJ1 (ν J1)	12.927 140	-----	-----
sigma1 (σ 1)	12.927 140	1 275 554	A WBZ ZZY
Q1	13.398 661	1 356 554	A XZA ZZY
NK1	13.398 661	1 356 555	A XZA ZZZ
rho1 (ρ 1)	13.471 515	1 374 554	A XBY ZZY
nuK1 (ν K1)	13.471 515	1 374 554	A XBY ZZY
O1	13.943 036	1 455 554	A YZZ ZZY
MK1	13.943 036	1 455 554	A YZZ ZZY
MS1	13.984 104	1 465 557	A YAZ ZZB
MP1	14.025 173	1 475 555	A YBZ ZZZ
MP1	14.025 173	1 475 556	A YBZ ZZA
tau1 (τ 1)	14.025 173	1 475 556	A YBZ ZZA
M1B	14.487 410	1 554 554	A ZZY ZZY
M1B	14.487 410	1 554 556	A ZZY ZZA
M1C	14.492 052	1 555 555	A ZZZ ZZZ
M1	14.492 052	1 555 556	A ZZZ ZZA
M1	14.492 052	1 555 557	A ZZZ ZZB
NO1	14.496 694	1 556 556	A ZZA ZZA

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M1A	14.496 694	1 556 556	A ZZA ZZA
M1	14.496 694	1 556 556	A ZZA ZZA
LP1	14.569 548	1 574 554	A ZBY ZZY
chi1(χ 1)	14.569 548	1 574 556	A ZBY ZZA
pi1(π 1)	14.917 865	1 625 564	A AWZ ZAY
TK1	14.917 865	1 625 564	A AWZ ZAY
P1	14.958 931	1 635 554	A AXZ ZZY
SK1	14.958 931	1 635 555	A AXZ ZZZ
S1	15.000 000	1 645 555	A AYZ ZZZ
S1	15.000 000	1 645 557	A AYZ ZZB
S1	15.000 002	1 645 566	A AYZ ZAA
SP1	15.041 069	1 655 555	A AZZ ZZZ
K1	15.041 069	1 655 555	A AZZ ZZZ
MO1	15.041 069	1 655 555	A AZZ ZZZ
K1	15.041 069	1 655 556	A AZZ ZZA
RP1	15.082 135	1 665 544	A AAZ ZYY
psi1(ψ 1)	15.082 135	1 665 546	A AAZ ZYA
phi1(Φ 1)	15.123 206	1 675 556	A ABZ ZZA
KP1	15.123 206	1 675 556	A ABZ ZZA
lambdaO1 (λ O1)	15.512 590	1 736 554	A BXA ZZY
theta1(θ 1)	15.512 590	1 736 556	A BXA ZZA
MQ1	15.585 443	1 754 555	A BZY ZZZ
J1	15.585 443	1 754 556	A BZY ZZA
2PO1	15.974 827	1 815 554	A CVZ ZZY
SO1	16.056 964	1 835 555	A CXZ ZZZ
SO1	16.056 964	1 835 556	A CXZ ZZA
2KO1	16.139 102	-----	-----
OO1	16.139 102	1 855 556	A CZZ ZZA
ups1(υ 1)	16.683 476	1 954 556	A DZY ZZA
KQ1	16.683 476	1 954 556	A DZY ZZA

Semi-Diurnal Constituents

2MN2S2	26.407 938	2 096 555	B UDA ZZZ
3M(SK)2	26.870 175	2 175 555	B VBZ ZZZ
3MKS2	26.870 175	2 175 555	B VBZ ZZZ
2NS2	26.879 459	2 177 555	B VBB ZZZ
3M2S2	26.952 313	2 195 555	B VDZ ZZZ
3MS2	26.952 313	2 195 555	B VDZ ZZZ
2NK2S2	26.961 596	2 197 555	B VDB ZZZ
OQ2	27.341 696	2 256 555	B WZA ZZZ
MNK2	27.341 696	2 256 555	B WZA ZZZ
OQ2	27.341 696	2 256 557	B WZA ZZB
MNS2	27.423 834	2 276 555	B WBA ZZZ
eps2(ϵ 2)	27.423 834	2 276 555	B WBA ZZZ
MnuS2(MvS2)	27.496 687	2 294 555	B WDY ZZZ
2ML2S2	27.496 687	2 294 557	B WDY ZZB
MNK2S2	27.505 971	2 296 555	B WDA ZZZ
2MS2K2	27.803 934	2 335 555	B XXZ ZZZ
2MK2	27.886 071	2 355 555	B XZZ ZZZ

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O2	27.886 071	2 355 555	B XZZ ZZZ
NLK2	27.886 071	2 355 557	B XZZ ZZB
2N2	27.895 355	2 357 555	B XZB ZZZ
mu2 (μ 2)	27.968 208	2 375 555	B XBZ ZZZ
2MS2	27.968 208	2 375 555	B XBZ ZZZ
SNK2	28.357 592	2 436 555	B YXA ZZZ
NA2	28.398 661	2 446 555	B YYA ZZZ
NA2	28.398 663	2 446 565	B YYA ZAZ
N2	28.439 730	2 456 555	B YZA ZZZ
KQ2	28.439 730	2 456 555	B YZA ZZZ
NB2	28.480 796	2 466 545	B YAA ZYZ
NA2*	28.480 798	2 466 555	B YAA ZZZ
nu2 (ν 2)	28.512 583	2 474 555	B YBY ZZZ
2KN2S2	28.604 004	2 496 555	B YDA ZZZ
3MSN2	28.604 004	-----	-----
MSK2	28.901 967	2 535 555	B ZXZ ZZZ
Delta2 (δ 2)	28.901 967	-----	-----
OP2	28.901 967	2 535 555	B ZXZ ZZZ
OP2	28.901 967	2 535 557	B ZXZ ZZB
Gamma2 (γ 2)	28.911 251	2 537 557	B ZXB ZZB
MA2	28.943 036	2 545 555	B ZYZ ZZZ
MPS2	28.943 036	2 545 556	B ZYZ ZZA
Alpha2 (α 2)	28.943 038	2 545 567	B ZYZ ZAB
M(SK)2	28.943 038	2 545 567	B ZYZ ZAB
M2	28.984 104	2 555 555	B ZZZ ZZZ
KO2	28.984 104	2 555 555	B ZZZ ZZZ
M(KS)2	29.025 171	2 565 545	B ZAZ ZYZ
MSP2	29.025 173	2 565 554	B ZAZ ZZY
MB2	29.025 173	2 565 555	B ZAZ ZZZ
MA2*	29.025 173	2 565 555	B ZAZ ZZZ
MKS2	29.066 242	2 575 555	B ZBZ ZZZ
Delta2 (δ 2)	29.066 242	2 575 555	B ZBZ ZZZ
M2(KS)2	29.148 379	2 595 555	B ZDZ ZZZ
2KM2S2	29.148 379	2 595 555	B ZDZ ZZZ
2SN(MK)2	29.373 488	2 616 555	B AVA ZZZ
lambda2 (λ 2)	29.455 625	2 636 557	B AXA ZZB
SNM2	29.455 625	-----	-----
L2	29.528 479	2 654 557	B AZY ZZB
2MN2	29.528 479	2 654 557	B AZY ZZB
L2A	29.528 479	2 654 557	B AZY ZZB
L2B	29.537 763	2 656 555	B AZA ZZZ
NKM2	29.537 763	2 656 555	B AZA ZZZ
2SK2	29.917 863	2 715 555	B BVZ ZZZ
T2	29.958 933	2 725 565	B BWZ ZAZ
S2	30.000 000	2 735 555	B BXZ ZZZ
KP2	30.000 000	2 735 555	B BXZ ZZZ
R2	30.041 067	2 745 547	B BYZ ZYB
K2	30.082 137	2 755 555	B BZZ ZZZ
MSnu2(MSv2)	30.471 521	2 816 555	B CVA ZZZ
MSN2	30.544 375	2 834 555	B CXY ZZZ
xi2 (ξ 2)	30.553 658	2 836 555	B CXA ZZZ

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eta2(η^2)	30.626 512	2 854 555	B CZY ZZZ
KJ2	30.626 512	2 854 557	B CZY ZZB
2KM(SN)2	30.708 649	2 874 555	B CBY ZZZ
2SM2	31.015 896	2 915 555	B DVZ ZZZ
2MS2N2	31.088 749	2 933 555	B DXX ZZZ
SKM2	31.098 033	2 935 555	B DXZ ZZZ
2Snu2(2Sv2)	31.487 417	-----	B ETA ZZZ
3(SM)N2	31.487 417	-----	B ETA ZZZ
2SN2	31.560 270	-----	B EVY ZZZ
SKN2	31.642 408	-----	B EXY ZZZ
3S2M2	32.031 792	-----	B FTZ ZZZ
2SK2M2	32.113 929	-----	B FVZ ZZZ

Third-Diurnal Constituents

MQ3	42.382 765	3 356 554	C XZA ZZY
NO3	42.382 765	3 356 554	C XZA ZZY
MQ3	42.382 765	3 356 555	C XZA ZZZ
NO3	42.382 765	3 356 555	C XZA ZZZ
MO3	42.927 140	3 455 554	C YZZ ZZY
2MK3	42.927 140	3 455 554	C YZZ ZZY
MO3	42.927 140	3 455 555	C YZZ ZZZ
2NKM3	42.936 423	3 457 556	C YZB ZZA
2MS3	42.968 208	3 465 557	C YAZ ZZB
2MP3	43.009 277	3 475 556	C YBZ ZZA
M3	43.476 156	3 555 557	C ZZZ ZZB
NK3	43.480 798	3 556 555	C ZZA ZZZ
NK3	43.480 798	3 556 556	C ZZA ZZA
SO3	43.943 036	3 635 554	C AXZ ZZY
MP3	43.943 036	3 635 554	C AXZ ZZY
MP3	43.943 036	3 635 555	C AXZ ZZZ
MS3	43.984 104	3 645 557	C AYZ ZZB
MK3	44.025 173	3 655 555	C AZZ ZZZ
MK3	44.025 173	3 655 556	C AZZ ZZA
NSO3	44.496 694	3 736 556	C BXA ZZA
2MQ3	44.569 548	3 754 556	C BZY ZZA
SP3	44.958 931	3 815 554	C CVZ ZZY
SP3	44.958 931	3 815 555	C CVZ ZZZ
S3	45.000 000	3 825 557	C CWZ ZZB
SK3	45.041 069	3 835 555	C CXZ ZZZ
SK3	45.041 069	3 835 556	C CXZ ZZA
K3	45.123 206	3 855 555	C CZZ ZZZ
K3	45.123 206	3 855 556	C CZZ ZZA
2SO3	46.056 964	-----	C EVZ ZZA

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Quarter-Diurnal Constituents

4MS4	55.936 417	4 195 555	D VDZ ZZZ
4M2S4	55.936 417	4 195 555	D VDZ ZZZ
2MNK4	56.325 801	4 256 555	D WZA ZZZ
3NM4	56.335 084	4 258 555	D WZC ZZZ
2MNS4	56.407 938	4 276 555	D WBA ZZZ
2MnuS4	56.480 792	4 294 555	D WDY ZZZ
3MK4	56.870 175	4 355 555	D XZZ ZZZ
MNLK4	56.870 175	4 355 557	D XZZ ZZB
N4	56.879 459	4 357 555	D XZB ZZZ
2N4	56.879 459	4 357 555	D XZB ZZZ
3MS4	56.952 313	4 375 555	D XBZ ZZZ
2NKS4	56.961 596	4 377 555	D XBB ZZZ
MSNK4	57.341 696	4 436 555	D YXA ZZZ
MN4	57.423 834	4 456 555	D YZA ZZZ
Mnu4 (Mv4)	57.496 687	4 474 555	D YBY ZZZ
2MLS4	57.496 687	4 474 557	D YBY ZZB
MNKS4	57.505 971	4 476 555	D YBA ZZZ
2MSK4	57.886 071	4 535 555	D ZXZ ZZZ
MA4	57.927 140	4 545 555	D ZYZ ZZZ
M4	57.968 208	4 555 555	D ZZZ ZZZ
2MRS4	58.009 275	4 565 547	D ZAZ ZYB
2MKS4	58.050 346	4 575 555	D ZBZ ZZZ
SN4	58.439 730	4 636 555	D AXA ZZZ
3MN4	58.512 583	4 654 555	D AZY ZZZ
ML4	58.512 583	4 654 555	D AZY ZZZ
ML4	58.512 583	4 654 557	D AZY ZZB
KN4	58.521 867	4 656 555	D AZA ZZZ
NK4	58.521 867	4 656 555	D AZA ZZZ
2SMK4	58.901 967	4 715 555	D BVZ ZZZ
M2SK4	58.901 967	4 715 555	D BVZ ZZZ
MT4	58.943 038	4 725 565	D BWZ ZAZ
MS4	58.984 104	4 735 555	D BXZ ZZZ
MR4	59.025 171	4 745 547	D BYZ ZYB
MK4	59.066 242	4 755 555	D BZZ ZZZ
2SNM4	59.455 625	4 816 555	D CVA ZZZ
2MSN4	59.528 479	4 834 555	D CXY ZZZ
2MSN4	59.528 479	4 834 557	D CXY ZZB
SL4	59.528 479	4 834 557	D CXY ZZB
2MKN4	59.610 616	4 854 555	D CZY ZZZ
ST4	59.958.933	4 905 565	D DUZ ZAZ
S4	60.000 000	4 915 555	D DVZ ZZZ
SK4	60.082 137	4 935 555	D DXZ ZZZ
K4	60.164 275	4 955 555	D DZZ ZZZ
2SMN4	60.544 375	-----	-----
3SM4	61.015 896	-----	D FTZ ZZZ
2SKM4	61.098 033	-----	D FVZ ZZZ

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Fifth-Diurnal Constituents

MNO5	71.366 869	5 356 554	E XZA ZZY
2MQ5	71.366 869	5 356 554	E XZA ZZY
2NKMS5	71.453 648	5 377 556	E XBB ZZA
3MK5	71.911 244	5 455 554	E YZZ ZZY
2MO5	71.911 244	5 455 554	E YZZ ZZY
2NK5	71.920 528	5 457 556	E YZB ZZA
3MS5	71.952 313	5 465 557	E YAZ ZZB
3MP5	71.993 381	5 475 556	E YBZ ZZA
NSO5	72.382 765	5 536 554	E ZXA ZZY
M5	72.460 261	5 555 556	E ZZZ ZZA
M5	72.460 261	5 555 557	E ZZZ ZZB
M5	72.464 902	5 556 556	E ZZA ZZA
MNK5	72.464 902	5 556 556	E ZZA ZZA
MB5	72.501 329	5 565 556	E ZAZ ZZA
MSO5	72.927 140	5 635 554	E AXZ ZZY
2MP5	72.927 140	5 635 554	E AXZ ZZY
2MS5	72.968 208	5 645 557	E AYZ ZZB
3MO5	73.009 277	5 655 556	E AZZ ZZA
2MK5	73.009 277	5 655 556	E AZZ ZZA
NSK5	73.471 515	5 734 556	E BXY ZZA
3MQ5	73.553 652	5 754 556	E BZY ZZA
MSP5	73.943 036	5 815 554	E CVZ ZZY
MSK5	74.025 173	5 835 555	E CXZ ZZZ
MSK5	74.025 173	5 835 556	E CXZ ZZA
3KM5	74.107 310	5 855 554	E CZZ ZZY
2SP5	74.958 931	-----	E ETZ ZZY
2SK5	75.041 069	-----	E EVZ ZZA
(SK)K5	75.123 206	-----	E EXZ ZZA

Sixth-Diurnal Constituents

2(MN)K6	84.765 530	6 157 555	F VZB ZZZ
5MKS6	84.838 384	6 175 555	F VBZ ZZZ
2(MN)S6	84.847 668	6 177 555	F VBB ZZZ
5M2S6	84.920 521	6 195 555	F VDZ ZZZ
3MNK6	85.309 905	6 256 555	F WZA ZZZ
N6	85.319 189	6 258 555	F WZC ZZZ
3MNS6	85.392 042	6 276 555	F WBA ZZZ
3NKS6	85.401 326	6 278 555	F WBC ZZZ
3MnuS6	85.464 896	6 294 555	F WDY ZZZ
4MK6	85.854 280	6 355 555	F XZZ ZZZ
2NM6	85.863 563	6 357 555	F XZB ZZZ
M2N6	85.863 563	6 357 555	F XZB ZZZ
4MS6	85.936 417	6 375 555	F XBZ ZZZ
2NMKS6	85.945 701	6 377 555	F XBB ZZZ

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2MSNK6	86.325 801	6 436 555	F YXA ZZZ
2MN6	86.407 938	6 456 555	F YZA ZZZ
2Mnu6(2Mv6)	86.480 792	6 474 555	F YBY ZZZ
2MNO6	86.480 792	6 474 555	F YBY ZZZ
2MNKS6	86.490 075	6 476 555	F YBA ZZZ
3MSK6	86.870 175	6 535 555	F ZXZ ZZZ
MA6	86.911 244	6 545 555	F ZYZ ZZZ
M6	86.952 313	6 555 555	F ZZZ ZZZ
3MKS6	87.034 450	6 575 555	F ZBZ ZZZ
MTN6	87.382 767	6 626 565	F AWA ZAZ
MSN6	87.423 834	6 636 555	F AXA ZZZ
4MN6	87.496 687	6 654 555	F AZY ZZZ
2ML6	87.496 687	6 654 557	F AZY ZZB
MNK6	87.505 971	6 656 555	F AZA ZZZ
MKN6	87.505 971	6 656 555	F AZA ZZZ
MKnu6(MKv6)	87.578 825	6 674 555	F ABY ZZZ
2(MS)K6	87.886 071	6 715 555	F BVZ ZZZ
2MT6	87.927 142	6 725 565	F BWZ ZAZ
2MS6	87.968 208	6 735 555	F BXZ ZZZ
2MK6	88.050 346	6 755 555	F BZZ ZZZ
2SN6	88.439 730	6 816 555	F CVA ZZZ
3MTN6	88.471 517	6 824 565	F CWY ZAZ
3MSN6	88.512 583	6 834 555	F CXY ZZZ
MSL6	88.512 583	6 834 557	F CXY ZZB
NSK6	88.521 867	6 836 555	F CXA ZZZ
SNK6	88.521 867	6 836 555	F CXA ZZZ
MKL6	88.594 720	6 854 557	F CZY ZZB
3MKN6	88.594 720	6 854 555	F CZY ZZZ
MST6	88.943 038	6 905 565	F DUZ ZAZ
2SM6	88.984 104	6 915 555	F DVZ ZZZ
MSK6	89.066 242	6 935 555	F DXZ ZZZ
SKM6	89.066 242	6 935 555	F DXZ ZZZ
2KM6	89.148 379	6 955 555	F DZZ ZZZ
2MSTN6	89.487 412	-----	F EUY ZAZ
2(MS)N6	89.528 479	-----	F EVY ZZZ
2MSKN6	89.610 616	-----	F EXY ZZZ
S6	90.000 000	-----	F FTZ ZZZ

Seventh-Diurnal Constituents

2MNO7	100.350 974	7 356 554	G XZA ZZY
3MQ7	100.350 974	7 356 554	G XZA ZZY
4MK7	100.895 348	7 455 554	G YZZ ZZY
2NMK7	100.904 632	7 457 556	G YZB ZZA
MNSO7	101.366 869	7 536 554	G ZXA ZZY
M7	101.444 365	7 555 557	G ZZZ ZZB
M7	101.449 007	7 556 556	G ZZA ZZA

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2MNK7	101.449 007	7 556 556	G ZZA ZZA
MNKO7	101.449 007	7 556 556	G ZZA ZZA
2MSO7	101.911 244	7 635 554	G AXZ ZZY
3MK7	101.993 381	7 655 556	G AZZ ZZA
MSKO7	103.009 277	7 835 554	G CXZ ZZY

Eighth-Diurnal Constituents

3M2NS8	113.831 772	8 177 555	H VBB ZZZ
4MNS8	114.376 146	8 276 555	H WBA ZZZ
5MK8	114.838 384	8 355 555	H XZZ ZZZ
2(MN)8	114.847 668	8 357 555	H XZB ZZZ
5MS8	114.920 521	8 375 555	H XBZ ZZZ
2(MN)KS8	114.929 805	8 377 555	H XBB ZZZ
3MSNK8	115.309 905	8 436 555	H YXA ZZZ
3MN8	115.392 042	8 456 555	H YZA ZZZ
3Mnu8(3Mv8)	115.464 896	8 474 555	H YBY ZZZ
3MNKS8	115.474 180	8 476 555	H YBA ZZZ
4MSK8	115.854 280	8 535 555	H ZXZ ZZZ
MA8	115.895 348	8 545 555	H ZYZ ZZZ
M8	115.936 417	8 555 555	H ZZZ ZZZ
4MKS8	116.018 554	8 575 555	H ZBZ ZZZ
2MSN8	116.407 938	8 636 555	H AXA ZZZ
3ML8	116.480 792	8 654 555	H AZY ZZZ
2MNK8	116.490 075	8 656 555	H AZA ZZZ
3M2SK8	116.870 175	8 715 555	H BVZ ZZZ
2(NS)8	116.879 459	8 717 555	H BVB ZZZ
3MT8	116.911 246	8 725 565	H BWZ ZAZ
3MS8	116.952 313	8 735 555	H BXZ ZZZ
3MK8	117.034 450	8 755 555	H BZZ ZZZ
2SNM8	117.423 834	8 816 555	H CVA ZZZ
2SMN8	117.423 834	8 816 555	H CVA ZZZ
2MSL8	117.496 687	8 834 557	H CXY ZZB
MSNK8	117.505 971	8 836 555	H CXA ZZZ
4MSN8	117.578 825	8 854 555	H CZY ZZZ
2MST8	117.927 142	8 905 565	H DUZ ZAZ
2(MS)8	117.968 208	8 915 555	H DVZ ZZZ
2MSK8	118.050 346	8 935 555	H DXZ ZZZ
2(MK)8	118.132 483	8 955 555	H DZZ ZZZ
3SN8	118.439.730	-----	H ETA ZZZ
2SML8	118.512 583	-----	H EVY ZZB
2SKN8	118.521 867	-----	H EVA ZZZ
MSKL8	118.594 720	-----	H EXY ZZB
3SM8	118.984 104	-----	H FTZ ZZZ
2SMK8	119.066 242	-----	H FVZ ZZZ
S8	120.000 000	-----	H HRZ ZZZ

List of Harmonic Constituents

<i>Name</i>	<i>Speed (Deg/hr)</i>	<i>XDO</i>	
		<i>Numerical</i>	<i>Alphabetical</i>

Ninth-Diurnal Constituents

3MNO9	129.335 076	9 356 554	I XZA ZZY
2M2NK9	129.888 738	9 457 556	I YZB ZZA
2(MN)K9	129.888 738	9 457 556	I YZB ZZA
MA9	130.387 400	9 545 555	I ZYZ ZZZ
3MNK9	130.433 113	9 556 556	I ZZA ZZA
4MK9	130.977 488	9 655 556	I AZZ ZZA
3MSK9	131.993 383	9 835 556	I CXZ ZZA

Tenth-Diurnal Constituents

5MNS10	143.360 251	-----	J WBA ZZZ
3M2N10	143.831 772	-----	J XZB ZZZ
6MS10	143.904 625	-----	J XBZ ZZZ
3M2NKS10	143.913 909	-----	J XBB ZZZ
4MSNK10	144.294 009	-----	J YXA ZZZ
4MN10	144.376 146	-----	J YZA ZZZ
4Mnu10(4Mv10)	144.449 000	-----	J YBY ZZZ
5MSK10	144.838 384	-----	J ZXZ ZZZ
M10	144.920 521	-----	J ZZZ ZZZ
5MKS10	145.002 658	-----	J ZBZ ZZZ
3MSN10	145.392 042	-----	J AXA ZZZ
6MN10	145.464 896	-----	J AZY ZZZ
4ML10	145.464 896	-----	J AZY ZZB
3MNK10	145.474 180	-----	J AZA ZZZ
2(SN)M10	145.863 563	-----	J BVB ZZZ
4MS10	145.936 417	-----	J BXZ ZZZ
2MS10	145.936 419	-----	J BXZ ZAZ
4MK10	146.018 554	-----	J BZZ ZZZ
2(MS)N10	146.407 938	-----	J CVA ZZZ
2MNSK10	146.490 075	-----	J CXA ZZZ
5MSN10	146.562 929	-----	J CZY ZZZ
3M2S10	146.952 313	-----	J DVZ ZZZ
3MSK10	147.034 450	-----	J DXZ ZZZ
3SMN10	147.423 834	-----	J ETA ZZZ
2SMKN10	147.505 971	-----	J EVA ZZZ
4M2SN10	147.578 825	-----	J EXY ZZZ
3S2M10	147.968 208	-----	J FTZ ZZZ
2(MS)K10	148.050 346	-----	J FVZ ZZZ

Eleventh-Diurnal Constituent

4MSK11	160.977 486	-----	K CXZ ZZA
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List of Harmonic Constituents

<i>Name</i>	<i>Speed (Deg/hr)</i>	<i>XDO</i>	
		<i>Numerical</i>	<i>Alphabetical</i>

Twelfth-Diurnal Constituents

5M2NS12	171.799 980	-----	L VBB ZZZ
3(MN)12	172.271 501	-----	L WZC ZZZ
6MNS12	172.344 355	-----	L WBA ZZZ
4M2N12	172.815 876	-----	L XZB ZZZ
7MS12	172.888 730	-----	L XBZ ZZZ
4M2NKS12	172.898 013	-----	L XBB ZZZ
5MSNK12	173.278 113	-----	L YXA ZZZ
3N2MS12	173.362 457	-----	L YZA YZZ
5MN12	173.360 251	-----	L YZA ZZZ
5Mnu12(5Mv12)	173.433 104	-----	L YBY ZZZ
6MSK12	173.822 488	-----	L ZXZ ZZZ
3M2SN12	173.831 772	-----	L ZXB ZZZ
MA12	173.863 557	-----	L ZYZ ZZZ
M12	173.904 625	-----	L ZZZ ZZZ
4MSN12	174.376 146	-----	L AXA ZZZ
4ML12	174.449 000	-----	L AZY ZZB
4MNK12	174.458 284	-----	L AZA ZZZ
2(MSN)12	174.847 668	-----	L BVB ZZZ
5MT12	174.879 455	-----	L BWZ ZAZ
5MS12	174.920 521	-----	L BXZ ZZZ
5MK12	175.002 658	-----	L BZZ ZZZ
3M2SN12	175.392 042	-----	L CVA ZZZ
6MSN12	175.464 896	-----	L CXY ZZZ
3MNKS12	175.474 180	-----	L CXA ZZZ
5MSN12	175.547 033	-----	L CZY ZZZ
4MST12	175.895 350	-----	L DUZ ZAZ
4M2S12	175.936 417	-----	L DVZ ZZZ
4MSK12	176.018 554	-----	L DXZ ZZZ
3(MS)12	176.952 313	-----	L FTZ ZZZ
3M2SK12	177.034 450	-----	L FVZ ZZZ

Fourteenth-Diurnal Constituents

5MSN14	203.360 251	-----	N AXA ZZZ
5MNK14	203.442 388	-----	N AZA ZZZ
6MS14	203.904 625	-----	N BXZ ZZZ