

Table-T-3.2-Annexe:- Table drawn from the Nu Constant w.r.t. Time Period 't' v/s Continuous compounding rate of expansion/shrinking and the Recession Velocity V' of the Satellite from its Principal Celestial Body.

Sr. no.	Time 't' in Years	t' = Period in seconds	r = Rate of recession [x 10 ^(t-19)] (see Table T-3.2)	r.t Col. C x Col. D	[e ^(t-1)] for the past period, e ^t for future period	D 1 Mpc = 3.086 x 10 ¹⁹ km	D' = De ^t (when D = 1 Mpc = 3.086 x 10 ¹⁹ km) [Col. F x Col. G]	D' (In Mpc) [measured from equator to equator]	V' = NuD' in Km/s (where, Nu = 98.2889km/s/mpc and D' = in Mpc)	Nu = V'/D'	Increase/decrease in velocity w.r.t. D' (in km/s) [Col. K - Col J]	Wavelength (nm = 10 ⁽¹⁹⁻³⁾ m)	Simple Linear Recession Distance from Observer (In Mpc)	V = Ho.D in Km/s (Hubble's constant present value given by NASA = 70 km/s/Mpc)	Radius of Earth (r) in km	Earth's -> r ³ = (6371) ³ (by formula m = k.r ³ , where k = D.A.1893 and D is the density of the Earth)	Small Increase/decrease in the radius of Earth delta r in km (per unit time, see column B)	Small increase/decrease in the radius of Earth = delta r = 0.64 mm for present period when t = 0. in mm (divide Col. R by 10 ⁻⁶) (per unit time, see column B)	delta r ³ (of Earth) = [Col. T] ³	Mass of Earth w.r.t. 't' (present mass when t = 0 = 5.972 x 10 ²⁴ kg see Row 177) in kg	delta m/year (difference between succeeding rows) in kg	Radial distance between Earth-Moon (surface-to-surface) (in km) (present E-M distance when t = 0 = 3,78,000 km)	delta R (difference between succeeding rows of Col. W) e.g. Row (2) - Row (1) (in km)	delta R (difference between succeeding rows of Col. W) e.g. Row (2) - Row (1) (in cm)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	-150 bn	-4.734E+18	31.8499	-15.0774266	0.0000002830215879	3.086E+19	8734046201549	0.0000002830215879	0.00002781788055	98.2889	-98.28887218	0.0001683978448	1	70	0.001803130536	0.00000005862481765	0.003123755659	3123.755659	30481137333	1.6902E+18	2.92812E+18	0.1069821602	0.1853366252	18533.66252
2	-140 bn	-4.4184E+18	31.8499	-14.07255982	0.0000007733301201	3.086E+19	23864967506427	0.0000007733301201	0.00007600976684	98.2889	-98.28882399	0.0004601314215	1	70	0.004926886195	0.0000001195962582	0.008535371302	8535.371302	621823677712	4.61833E+18	8.00082E+18	0.2923187854	0.5064150608	50641.50608
3	-130 bn	-4.1028E+18	31.8499	-13.06737697	0.000002113052503	3.086E+19	65208800244472	0.000002113052503	0.00020276896062	98.2889	-98.28869231	0.001257266239	1	70	0.0134622575	0.000002439796925	0.02332210685	23322.10685	12685375940413	1.26919E+19	2.18615E+19	0.7987338462	1.383731972	13837.31972
4	-120 bn	-3.7872E+18	31.8499	-12.06219413	0.000005773719094	3.086E+19	178176971252040	0.000005773719094	0.00056749224987	98.2889	-98.2883251	0.00343562861	1	70	0.03678436435	0.00004977253572	0.06372548409	63725.48409	258785196700162	3.44807E+19	5.97345E+19	2.182465818	3.780918692	37809.18692
5	-110 bn	-3.4716E+18	31.8499	-11.05701128	0.000157761495	3.086E+19	486851973438071	0.000157761495	0.00155062038	98.2889	-98.2873438071	0.00938680895	1	70	0.1005098484	0.001015373569	0.1741239481	174123.9481	5.27929E+19	9.42152E+19	1.63219E+20	5.963384509	10.33100806	10331.00806
6	-100 bn	-3.156E+18	31.8499	-10.05182844	0.00004310685865	3.086E+19	1.33028E+15	0.00004310685865	0.00423692572	98.2889	-98.28646307	0.0256485809	1	70	0.2746337965	0.02071390317	0.3547331123	354733.1123	5.4638E+16	2.57434E+20	3.32517E+20	16.29439257	21.04679272	21046.79272
7	-91.75 bn	-2.89563E+18	31.8499	-9.222552594	0.00009878620448	3.086E+19	3.04854E+15	0.00009878620448	0.009709587374	98.2889	-98.27919041	0.0587779167	1	70	0.6293669088	0.2492939355	0.1210443529	121044.3529	1.77351E+15	5.89951E+20	1.13464E+20	37.34118529	7.18172428	71817.2428
8	-90 bn	-2.8404E+18	31.8499	-9.046645596	0.0001177854751	3.086E+19	3.63486E+15	0.0001177854751	0.01157700478	98.2889	-98.277323	0.07008235766	1	70	0.7504112616	0.4225683846	1.300017596	1300017.596	2.19709E+16	7.03415E+20	1.2186E+21	44.52290957	77.1317927	77131.7927
9	-80 bn	-2.5248E+18	31.8499	-8.041462752	0.0003218378367	3.086E+19	9.93192E+15	0.0003218378367	0.03163308965	98.2889	-98.25726691	0.1914935128	1	70	2.050428859	8.620532954	3.55217696	35521.7696	5.48212E+19	1.92202E+21	3.32971E+21	121.6547023	210.7554373	21075.54373
10	-70 bn	-2.2092E+18	31.8499	-7.036279908	0.0008793919036	3.086E+19	2.7138E+16	0.0008793919036	0.08643446287	98.2889	-98.20246554	0.5232381826	1	70	5.602605818	175.8612694	9.705992592	9705992.592	9.14366E+20	5.25173E+21	9.09813E+21	332.4101396	575.8695966	5758.695966
11	-60 bn	-1.8936E+18	31.8499	-6.031097064	0.002402856445	3.086E+19	7.4152E+16	0.002402856445	0.2361741168	98.2889	-98.05272588	1.429699585	1	70	15.3089841	358.6718799	26.52072046	265207.2046	1.86533E+22	1.43499E+22	9.082797361	1573.51002	15735.1002	
12	-50 bn	-1.578E+18	31.8499	-5.02591422	0.00656581365	3.086E+19	2.02614E+17	0.00656581365	0.6453237702	98.2889	-97.64532702	3.960520912	1	70	141.8293166	7318.824114	172.46539777	1724653.9777	3.80533E+23	3.92097E+22	6.79271E+22	2481.789756	4299.469527	4299.469527
13	-40 bn	-1.2624E+18	31.8499	-4.020731376	0.01793983937	3.086E+19	5.53623E+17	0.01793983937	1.763287078	98.2889	-96.52561292	10.6420443	1	70	114.2947166	1493064.143	198.0049479	1980049.479	1.07137E+23	1.85064E+23	2.681.259283	1177.89991	1177.89991	
14	-30 bn	-9.468E+17	31.8499	-3.015548532	0.04901893965	3.086E+19	1.51272E+18	0.04901893965	4.818017658	98.2889	-93.47088234	29.16626909	1	70	312.2996645	30458923.71	541.0300723	5410300.723	1.58367E+26	2.92741E+23	5.07147E+23	18529.15919	32100.04196	32100.04196
15	-20 bn	-6.312E+17	31.8499	-2.013656888	0.1339396856	3.086E+19	4.13338E+18	0.1339396856	13.16478436	98.2889	-85.12411564	79.69411292	1	70	853.3297368	6213705.173	1478.314265	1478314.265	3.23073E+27	7.99888E+23	1.38573E+24	50629.20115	877.1037393	87710.37393
16	-10 bn	-3.156E+17	31.8499	-1.005182844	0.3659777119	3.086E+19	1.12941E+19	0.3659777119	35.97154672	98.2889	-62.31145593	217.7567386	1	70	2331.64002	1267173528	1507.096389	3.42313E+27	2.18562E+24	1.41271E+24	138339.5751	894.180506	89418.0506	
17	-5.04 bn	-1.59062E+17	31.8499	-0.5066121534	0.6025334157	3.086E+19	1.85942E+19	0.6025334157	59.22234664	98.2889	-39.06655336	358.5073824	1	70	3838.740392	56567401229	15.46561464	154656.1464	3.69915E+21	3.59833E+24	1.4497E+22	22775.6311	917.5957204	9175.957204
18	-5 bn	-1.578E+17	31.8499	-0.502591422	0.6049609176	3.086E+19	1.86691E+19	0.6049609176	58.46094314	98.2889	-38.87195686	359.951746	1	70	3854.200606	5725389981	182.3967325	182396.7325	6.08808E+24	3.61283E+24	1.70974E+23	228675.2269	10821.84349	10821.84349
19	-4.54 bn	-1.43282E+17	31.8499	-0.4563250112	0.6335901332	3.086E+19	1.95526E+19	0.6335901332	62.2748724	98.2889	-36.01402724	376.9861293	1	70	4046.602739	65773057624	159.105482	159105.482	3.46175E+22	3.055E+22	7.9838E+24	19321.70704	19321.70704	
20	-4.5 bn	-1.4202E+17	31.8499	-0.452332798	0.6361427572	3.086E+19	1.96314E+19	0.6361427572	62.52577185	98.2889	-35.76312274	378.5049405	1	70	4042.865506	66571292186	191.7981095	191798.1095	7.05568E+24	3.79904E+24	1.79786E+23	24461.9622	11379.63984	11379.63984
21	-4.46 bn	-1.40758E+17	31.8499	-0.448311584	0.6387056653	3.086E+19	1.97105E+19	0.6387056653	62.77677276	98.2889	-35.51122815	380.0289708	1	70	4069.193794	6737906862	175.4698222	175469.8222	3.81435E+24	3.84481E+23	2.04307E+23	21430.7415	10410.86058	10410.86058
22	-4.04 bn	-1.27502E+17	31.8499	-0.406093869	0.6662476245	3.086E+19	2.05604E+19	0.6662476245	65.48474614	98.2889	-32.80415386	396.4173366	1	70	4244.663616	76478822607	293.1573	293157.300	2.51943E+25	3.97883E+24	2.74798E+23	25184.16021	17393.41695	17393.41695
23	-3.3756 bn	-1.06534E+17	31.8499	-0.339395208	0.7122619551	3.086E+19	2.19804E+19	0.7122619551	70.00744407	98.2889	-28.28145593	423.7986321	1	70	4537.802916	93441985421	672.9086321	672908.6321	3.04697E+26	4.25363E+24	6.30766E+23	26925.019	39924.57431	39924.57431
24	-2 bn	-6.312E+16	31.8499	-0.2010365688	0.817882522	3.086E+19	2.52399E+19	0.817882522	80.38877342	98.2889	-17.9012658	486.6401006	1	70	5210.729548	141480178076	551.0026256	551002.6256	1.67827E+26	4.88439E+24	5.16495E+23	309159.5933	32691.72856	32691.72856
25	-1 bn	-3.156E+16	31.8499	-0.1005182844	0.9043685764	3.086E+19	2.79088E+19	0.9043685764	88.88939257	98.2889	-9.399507429	538.099303	1	70	5761.7322	191275438610	296.9801916	296980.1916	2.61928E+25	5.40089E+24	2.78381E+23	341851.3219	17620.23425	17620.23425
26	-500 mn	-1.578E+16	31.8499	-0.0502591422	0.9509829528	3.086E+19	2.93473E+19	0.9509829528	93.47106834	98.2889	-4.817831655	565.8348569	1	70	6058.172392	222403189334	185.486068	185486.068	6.38166E+24	5.67927E+24	1.7387E+23	359471.5561	11005.13792	11005.13792
27	-200 mn	-6.312E+15	31.8499	-0.02010365688	0.9800970742	3.086E+19	3.32632E+19	0.9800970742	96.33266332	98.2889	-1.95623268	583.1577592	1	70	6244.19846	243461387916	63.08212587	63082.12587	5.85314E+23	5.91314E+22	37.04747383	3742.747383	3742.747383	
28	-100 mn	-3.156E+15	31.8499	-0.01005182844	0.989985223	3.086E+19	3.05514E+19	0.989985223	97.30586576	98.2889	-0.983042375	589.0491208	1	70	6307.280566	250914901572	31.77964518	31779.64518	3.20957E+22	5.91227E+24	2.97894E+22	374219.4414	1885.529097	1885.529097
29	-50 mn	-1.578E+15	31.8499	-0.00502591422	0.9949866946	3.086E+19	3.07053E+19	0.9949866946	97.79614772	98.2889	-0.492752776	592.0170833	1	70	6339.060231	254726790761	25.5389662	255389.662	1.66575E+22	5.94208E+24	2.39395E+22	376104.9705	1515.261244	1515.261244
30	-10mn	-31560000000000	31.8499	-0.001005182844	0.9989953222	3.086E+19	3.0829E+19	0.9989953222	98.19015132	98.2889	-0.09874867748	594.4022167	1	70	6364.599198	257817968602	5.760432667	57604.32667	1.91148E+20	5.966E+24	5.39967E+21	37620.2318	1515.261244	1515.261244
31	-1 mn	-3156000000000	31.8499	-0.0001005182844	0.9998994868	3.086E+19	3.08569E+19	0.9998994868	98.27902066	98.2889	-0.0098735068	594.9401946	1	70	6370.35963	258518633507	0.5763299278	576329.9278	1.91432E+21	5.9714E+24	5.40236E+20	377962.006	34.19442987	34194.42987
32	-100000 (0.1 mn)	-3156000000000																						