

Timestep	Vx-min	Vx-max	Vy-min	Vy-max	Vz-min	Vz-max
100	-0.00302839	0.00328846	-0.00059950	0.00063916	-0.00018416	0.00012907
200	-0.41794702	0.41628969	-0.05882122	0.06006744	-0.01677619	0.01458358
300	-1.30523074	1.22166359	-0.32301453	0.27308375	-0.11274544	0.10922141
400	-0.79328197	0.74972099	-0.29387709	0.32868007	-0.27644470	0.25188369
500	-1.17693973	0.77341908	-0.35497689	0.38099262	-0.20546937	0.18652019
600	-1.25569975	0.43466121	-0.41777250	0.59684885	-0.33878496	0.35651895
700	-0.98531669	0.78764981	-0.46358007	0.49086574	-0.27652645	0.19790211
800	-1.06284809	0.93372077	-0.57945400	0.39681214	-0.39068347	0.22785479
900	-1.37987518	0.79268944	-0.61705196	0.42007875	-0.38758209	0.20433137
1000	-1.39470112	0.55359560	-0.76455843	0.66904783	-0.30960226	0.48132551
1100	-1.70322967	0.43352836	-0.77424967	0.72651398	-0.38909578	0.45534918
1200	-1.07896614	0.88794094	-0.53573936	0.78303707	-0.28294128	0.31420296
1300	-0.84400856	0.75780040	-0.61121339	0.70093584	-0.35765862	0.32103178
1400	-0.90662760	0.90711468	-0.52049744	0.55409127	-0.37143087	0.35202298
1500	-1.35082567	1.23987961	-0.53763866	0.47979236	-0.25768104	0.27801421
1600	-1.83457613	1.31872427	-0.62586272	0.44204003	-0.26353970	0.25523257
1700	-1.94595969	1.34059966	-0.75654787	0.70058179	-0.71173054	0.74511963
1800	-3.60004830	1.01854157	-1.14830303	1.29686332	-1.01500630	0.83400899
1900	-3.16460371	1.54737329	-2.16737962	1.79999638	-1.27693021	0.70084107
2000	-2.11412215	2.53396010	-1.84366703	2.57253146	-1.21141016	0.72832400
2100	-2.52535701	1.37604904	-1.60063434	2.49498010	-1.01582253	0.64237714
2200	-2.79626298	1.25426447	-1.35541940	1.85745990	-1.05145895	0.92671478
2300	-2.85205364	1.38490891	-1.22189426	1.74888396	-0.91982532	0.82431930
2400	-1.90846980	1.52197647	-1.58040774	1.64588237	-0.99788666	0.74537838
2500	-1.19767308	1.30203271	-1.44104469	1.30269361	-0.83481973	0.64530277
2600	-1.68373454	1.13166451	-1.21690989	1.19196916	-0.99523878	0.68926805
2700	-1.92832506	1.54208255	-1.06782234	1.24890697	-1.14632809	1.00983071
2800	-2.02232075	1.61585510	-1.22061110	1.72075772	-1.28704929	1.07171440
2900	-2.25397468	1.86845326	-0.93024635	2.37728000	-1.90674376	1.45927823
3000	-1.69249439	1.64219022	-0.97793633	1.96032310	-1.02060103	1.77674544
3100	-1.25879598	2.17591262	-1.44904006	2.25819683	-0.89571238	1.62204063
3200	-1.71537161	1.86349642	-1.50682259	2.04768133	-0.89286274	1.73618579
3300	-1.61286986	1.53202033	-1.10372579	1.58671463	-1.12254035	1.00088823
3400	-1.51616943	1.54155767	-1.56606758	1.52366710	-1.30820608	0.86232072
3500	-1.84608424	1.94202352	-1.89147151	1.19769645	-1.30228150	1.38886046
3600	-3.05670357	2.20002913	-2.57335353	1.41125703	-2.02857184	1.06855893
3700	-3.72309804	2.01145458	-1.61169243	1.53664160	-2.25341678	2.14617157
3800	-2.04153657	2.02819848	-0.97558016	3.55772996	-1.56826961	1.77889955
3900	-1.53472710	2.67421675	-1.33676195	1.44018424	-1.48316896	2.36803818
4000	-1.33323228	2.18567085	-3.64123964	0.90770066	-1.77877164	1.72945166
4100	-1.43689287	1.80207217	-1.62556815	1.49274421	-1.52979004	1.24311721
4200	-1.29009652	1.36320198	-1.18049991	2.78239536	-0.89940292	1.08392477
4300	-1.90074694	1.73179436	-1.28437912	2.20135045	-0.95589346	1.20581770
4400	-1.67432225	1.24551535	-1.82740617	1.20541918	-0.98642439	0.92084074
4500	-1.69112277	1.45554817	-1.95223439	1.26053739	-0.96609306	0.64157552
4600	-1.34947968	1.33056033	-1.56008863	1.30887949	-0.65748411	0.78897011
4700	-1.23527563	1.41336775	-1.47977674	1.55474961	-0.60945404	0.58883077
4800	-1.48901534	1.66821063	-1.02592945	1.57905948	-0.65570468	0.63833314
4900	-1.47594512	1.42960382	-1.34028387	1.97452426	-0.61677146	0.49614799
5000	-1.49970126	1.56375897	-1.46235704	1.63926029	-0.63906503	0.65435952
5100	-1.51289487	1.27536035	-1.51300621	0.87745458	-0.50310880	0.70664692
5200	-1.11784911	1.27886260	-1.28160918	1.01259935	-0.52161032	0.64667189

5300	-0.87232333	0.99432111	-1.20026565	0.97764415	-0.52139920	0.51980925
5400	-0.72937584	0.87913060	-1.01407611	1.27590537	-0.53590661	0.52641416
5500	-0.86254090	0.77633750	-1.15646744	1.28605294	-0.53569430	0.48037076
5600	-1.15444839	0.75525647	-0.83086920	1.22591364	-0.46638611	0.52432328
5700	-0.69938910	0.74324286	-1.11682153	1.11868572	-0.54646838	0.55187851
5800	-0.75286841	1.17680299	-1.33287323	0.95074826	-0.45810568	0.46326169
5900	-0.71247941	1.00713229	-0.91591257	1.12302697	-0.43800855	0.48663029
6000	-0.94794583	0.60020971	-1.02977800	1.02576089	-0.38383478	0.42077205
6100	-0.94701344	0.68756682	-1.13789296	1.27750516	-0.48566073	0.44552159
6200	-0.69849485	0.71904206	-0.84316814	0.84587741	-0.32471937	0.41794667
6300	-0.71435243	0.65435809	-0.67811197	0.89112723	-0.36110434	0.38497400
6400	-0.70144784	0.70431298	-0.82965004	0.93075126	-0.40748367	0.35384369
6500	-0.62554550	0.61146879	-0.80300659	0.91100597	-0.38937476	0.35747313
6600	-0.53255016	0.57034320	-0.81308275	0.73416543	-0.30682704	0.35159108
6700	-0.52358252	0.71030951	-0.97551328	0.59670156	-0.31466934	0.38173205
6800	-0.55781841	0.59922493	-0.99809963	0.73050475	-0.32157502	0.39309973
6900	-0.54174930	0.59601742	-0.72300339	0.64156699	-0.30133355	0.34983331
7000	-0.62134564	0.52789420	-0.64597237	0.71634853	-0.33071923	0.26073220
7100	-0.56882894	0.55741203	-0.65994990	0.72416222	-0.33615041	0.28527540
7200	-0.56335294	0.64441383	-0.53892040	0.66711038	-0.24611153	0.30082476
7300	-0.58740026	0.66829014	-0.56034398	0.76694554	-0.26796290	0.23936801
7400	-0.71936524	0.59216696	-0.65807509	0.69597733	-0.27905995	0.26909405
7500	-0.75208449	0.68336731	-0.73421931	0.55051678	-0.32001692	0.29911268
7600	-0.63777715	0.75790787	-0.75103027	0.61760861	-0.35302839	0.26975399
7700	-0.60999662	0.68495995	-0.77288759	0.68650484	-0.34582254	0.27378207
7800	-0.76981455	0.69063836	-0.76124519	0.58637202	-0.32051641	0.28827971
7900	-0.79403508	0.75725126	-0.70243585	0.63670373	-0.30818996	0.30207139
8000	-0.77392179	0.90935647	-0.62950611	0.69368684	-0.28424469	0.30178168
8100	-0.90149134	0.90516335	-0.69260675	0.63546717	-0.35743189	0.31055480
8200	-0.86464691	0.86693078	-0.75915331	0.67839235	-0.37372699	0.33990708
8300	-0.89751589	0.93220675	-0.75644797	0.73807836	-0.32854506	0.35232756
8400	-0.95045108	0.97872251	-0.83053017	0.77474207	-0.34405372	0.27302366
8500	-0.96293890	0.84395307	-0.85385042	0.73258394	-0.34846634	0.27872163
8600	-1.25149941	0.90375072	-0.81809068	0.65346098	-0.30137682	0.29244882
8700	-1.27558577	0.91911370	-0.74248099	0.72260731	-0.29817083	0.34264892
8800	-0.98488683	0.93195927	-0.73934591	0.67208087	-0.38114318	0.32228306
8900	-1.03565240	0.99281752	-0.79391140	0.72046280	-0.40326622	0.38184294
9000	-0.97609544	1.27971923	-0.74871206	0.70328772	-0.34710881	0.45844018
9100	-0.88432586	1.26228118	-0.72125494	0.76925725	-0.34616685	0.45815465
9200	-0.88066155	1.20397925	-0.78083593	0.86394459	-0.35572210	0.40984187
9300	-1.17791951	1.21335113	-0.74466234	0.77731830	-0.36040142	0.43008074
9400	-1.42304695	1.12964797	-0.71534568	0.75106496	-0.32518142	0.34267852
9500	-1.44870412	1.07802176	-0.69054788	0.69550604	-0.28663686	0.34742993
9600	-1.22905576	1.22874343	-0.73694944	0.69591570	-0.31298965	0.32033637
9700	-1.23765123	1.34988117	-0.87573904	0.70331073	-0.36996105	0.32855928
9800	-1.26077414	1.36911571	-0.68031281	0.71427250	-0.29788619	0.36379257
9900	-1.24664509	1.25464272	-0.73389661	0.56895059	-0.35933867	0.32326818
10000	-1.28838158	1.13225400	-0.74870938	0.78798383	-0.35417283	0.40076932
10100	-1.25339091	1.14204609	-0.77650297	0.62209654	-0.41139650	0.35478932
10200	-1.21641099	1.22437787	-0.76741135	0.79204530	-0.44301397	0.32733315
10300	-1.07178855	1.31904173	-0.74288964	0.75524980	-0.34070712	0.31748673
10400	-0.99265927	1.28654528	-0.69711131	0.75109029	-0.35549766	0.36119872
10500	-0.99103534	1.13944018	-0.78527778	0.82548308	-0.31889495	0.33692935

10600	-1.00227857	1.15655696	-0.78757632	0.76415759	-0.42085838	0.44463611
10700	-1.10441720	0.86584955	-0.65393853	0.65935993	-0.41710386	0.41266009
10800	-1.12912369	0.91610652	-0.72472578	0.76356763	-0.41533005	0.36289993
10900	-1.28801095	0.86516976	-0.55731583	0.78027040	-0.45549932	0.47329059
11000	-1.04414642	0.95355630	-0.68283868	0.73275059	-0.48561329	0.53983802
11100	-0.75738078	0.94500452	-0.84773141	0.71301913	-0.62501222	0.51277888
11200	-0.80156994	0.98603857	-0.98424828	0.72402328	-0.60358846	0.50500858
11300	-1.06565833	0.97407389	-1.06973267	0.79249299	-0.46568793	0.64329320
11400	-0.96312350	0.76575440	-0.93187642	0.61391813	-0.43621144	0.66374165
11500	-0.89693511	0.73589605	-0.73826039	0.66648459	-0.50957358	0.55884039
11600	-0.91855955	1.04716408	-0.75046575	0.84334546	-0.57739276	0.35036504
11700	-0.78271693	0.84432918	-0.64989972	0.84053636	-0.56456220	0.39967746
11800	-0.73403877	0.72252047	-0.66241354	0.64706296	-0.44484043	0.46817732
11900	-0.72012961	0.86854666	-0.78761518	0.72312587	-0.36090556	0.46673650
12000	-0.66327447	0.65400445	-0.67581886	0.72694260	-0.36696175	0.49528408
12100	-0.54899645	0.57982391	-0.60895377	0.68454880	-0.39377025	0.46077111
12200	-0.72719020	0.64822167	-0.59655750	0.64746290	-0.44219959	0.38481879
12300	-0.54722124	0.62506455	-0.75177270	0.63933349	-0.44409007	0.28728253
12400	-0.59119666	0.57439077	-0.74346125	0.68561858	-0.43271294	0.34086591
12500	-0.51067621	0.50117427	-0.67847222	0.72331625	-0.32140926	0.37728018
12600	-0.55773801	0.52524269	-0.68691087	0.65402335	-0.26444396	0.39233863
12700	-0.49264655	0.54836679	-0.70449126	0.65365756	-0.32108963	0.35763857
12800	-0.37274343	0.66427070	-0.76050299	0.71000969	-0.34690970	0.27615285
12900	-0.42057583	0.64538395	-0.75786489	0.70313990	-0.32183102	0.23464866
13000	-0.42876071	0.54839933	-0.58686644	0.63202626	-0.24698018	0.24284858
13100	-0.55238682	0.37875533	-0.59929723	0.63435006	-0.19336413	0.25594702
13200	-0.64611578	0.34404850	-0.66929364	0.61411828	-0.22435592	0.26025745
13300	-0.65350181	0.33011979	-0.53917104	0.43266213	-0.29080847	0.25755042
13400	-0.63516021	0.43303168	-0.45579416	0.46086958	-0.30059555	0.23904607
13500	-0.51482970	0.49618098	-0.40624273	0.51248151	-0.22285646	0.19971249
13600	-0.44027108	0.58675873	-0.42333394	0.47708526	-0.27349633	0.23142792
13700	-0.42305836	0.60043907	-0.43821117	0.44445509	-0.20509362	0.19289717
13800	-0.42105559	0.59428591	-0.36860630	0.35236391	-0.20120348	0.23215356
13900	-0.47105128	0.55211055	-0.42824227	0.48699367	-0.14693308	0.19126153
14000	-0.50054324	0.56503052	-0.32928574	0.45595729	-0.17039669	0.19654821
14100	-0.47426122	0.46385998	-0.43908966	0.36177185	-0.17228310	0.18019637
14200	-0.52886635	0.49279806	-0.43751878	0.28434384	-0.17502290	0.16180609
14300	-0.54331309	0.38123611	-0.46311873	0.24299608	-0.18811293	0.17239626
14400	-0.45245707	0.36886179	-0.40841341	0.31323588	-0.19543745	0.15970962
14500	-0.35117650	0.42244998	-0.33360431	0.37870169	-0.18483390	0.15615885
14600	-0.32423225	0.39673436	-0.31769755	0.39006564	-0.14552490	0.17955324
14700	-0.35223937	0.32482383	-0.29372901	0.41358000	-0.13602863	0.22129057
14800	-0.35516521	0.30457118	-0.26647484	0.30959877	-0.14389376	0.21186534
14900	-0.35461840	0.30438533	-0.23149914	0.23834191	-0.17000775	0.23337780
15000	-0.40807331	0.32608974	-0.27935079	0.24836208	-0.21866417	0.22499458
15100	-0.39764372	0.29213718	-0.27846712	0.25224477	-0.23964246	0.17639315
15200	-0.27463779	0.40731806	-0.24481511	0.26424682	-0.27248913	0.20063381
15300	-0.31126162	0.38253230	-0.24380338	0.26881692	-0.24686405	0.23226950
15400	-0.27221632	0.33863437	-0.22808251	0.20574707	-0.18874837	0.22553998
15500	-0.32688361	0.31662264	-0.21733457	0.20481247	-0.16654566	0.21618563
15600	-0.30407348	0.32306626	-0.21743853	0.26363078	-0.16107492	0.18347961
15700	-0.29784974	0.23775141	-0.24200733	0.22813432	-0.17526823	0.17436087
15800	-0.35329488	0.29364216	-0.28003410	0.21265452	-0.19028197	0.15224954

15900	-0.31579813	0.26425213	-0.21454410	0.22966552	-0.17836523	0.13140559
16000	-0.19938572	0.21409628	-0.23859291	0.22364753	-0.14689203	0.17047344
16100	-0.24160770	0.25979489	-0.22963008	0.23579767	-0.15430744	0.17172319
16200	-0.20408441	0.28980273	-0.23050214	0.23034078	-0.14251682	0.12297644
16300	-0.21680494	0.20224732	-0.17344686	0.19699740	-0.15879874	0.13364401
16400	-0.18700244	0.18298875	-0.22576167	0.22364964	-0.11998671	0.12238068
16500	-0.19817179	0.16439833	-0.23108217	0.18896651	-0.10142736	0.13995788
16600	-0.19653817	0.21595499	-0.21509878	0.20813489	-0.09270179	0.10841659
16700	-0.17198916	0.18835838	-0.18930435	0.19247967	-0.09900633	0.08128824
16800	-0.17110479	0.21844217	-0.18832853	0.21176471	-0.10196631	0.09939076
16900	-0.16009763	0.25357279	-0.16390404	0.28230855	-0.09790045	0.08990206
17000	-0.13126019	0.17323588	-0.13152263	0.20737803	-0.08690687	0.08621077
17100	-0.20385247	0.14018169	-0.17385374	0.18699309	-0.08673377	0.07358813
17200	-0.24929775	0.14604509	-0.18483251	0.14929892	-0.09546818	0.07126081
17300	-0.18258169	0.14716786	-0.22156841	0.15807645	-0.09734188	0.07456335
17400	-0.15079232	0.14796183	-0.21107790	0.21378066	-0.07707285	0.08525097
17500	-0.16309007	0.18324481	-0.12941785	0.15864719	-0.07879464	0.09423464
17600	-0.16450064	0.16016017	-0.14188896	0.13657272	-0.07717185	0.09161682
17700	-0.15316580	0.19006844	-0.12479617	0.11287079	-0.07991920	0.08731571
17800	-0.14549316	0.17475350	-0.18106696	0.11690827	-0.10109032	0.07592940
17900	-0.15227360	0.16922984	-0.13166346	0.14187062	-0.07427479	0.08312393
18000	-0.15886644	0.17715792	-0.12032017	0.10817601	-0.08568531	0.09190410
18100	-0.16909647	0.17834298	-0.12477526	0.13726823	-0.08835480	0.09326527
18200	-0.14620204	0.13727956	-0.10430183	0.09295851	-0.07536822	0.05997229
18300	-0.16948393	0.12224177	-0.09699995	0.09851149	-0.10268585	0.08854996
18400	-0.17783698	0.13031693	-0.09301131	0.13102177	-0.08693407	0.07045057
18500	-0.15031944	0.12488031	-0.09225916	0.11463968	-0.05586158	0.07000586
18600	-0.09263983	0.16718076	-0.08747604	0.11095329	-0.08295296	0.09076227
18700	-0.09205310	0.18726775	-0.08258598	0.09891854	-0.05628899	0.06186394
18800	-0.08641789	0.14419225	-0.09039587	0.08310349	-0.07132774	0.05042199
18900	-0.11866903	0.07481784	-0.09293081	0.08789564	-0.07321443	0.04385439
19000	-0.17927675	0.06653733	-0.09342056	0.08324742	-0.04255036	0.05782020
19100	-0.12900199	0.06716023	-0.09799728	0.07483090	-0.03765709	0.06363695
19200	-0.06938513	0.06809001	-0.07158104	0.07204018	-0.03433201	0.05416207
19300	-0.09141422	0.12422797	-0.07065795	0.09280732	-0.04535971	0.04286016
19400	-0.07270629	0.08160874	-0.09056100	0.08713970	-0.05908132	0.03899744
19500	-0.06513558	0.05722284	-0.06284194	0.07707608	-0.04019080	0.04905684
19600	-0.06245911	0.08238028	-0.06111778	0.08135663	-0.04341744	0.03766479
19700	-0.06113481	0.08726768	-0.06553150	0.08108293	-0.04505127	0.03514243
19800	-0.06099086	0.06533119	-0.06589408	0.07404105	-0.04127032	0.04591976
19900	-0.05578992	0.05736828	-0.06287964	0.06224117	-0.03344753	0.04220676
20000	-0.05667856	0.05068886	-0.06127154	0.06302710	-0.02739928	0.03297775
20100	-0.05845152	0.04905622	-0.07718616	0.06270320	-0.03428725	0.03211943
20200	-0.05200130	0.05697418	-0.06082215	0.05665195	-0.03695287	0.02461416
20300	-0.04919865	0.05605038	-0.05404502	0.05192552	-0.02624051	0.02817283
20400	-0.04383532	0.06257052	-0.05020908	0.04864314	-0.03200528	0.02474089
20500	-0.05234873	0.04933992	-0.05120901	0.05679892	-0.02564971	0.03042282
20600	-0.04525358	0.05275120	-0.05287084	0.05041674	-0.03200758	0.02170742
20700	-0.04384845	0.04469240	-0.04688209	0.05151949	-0.03830647	0.02852055
20800	-0.04585286	0.03960527	-0.05132098	0.04617747	-0.02268307	0.02170175
20900	-0.05016216	0.03874092	-0.04295719	0.04634478	-0.02236711	0.02351381
21000	-0.04287487	0.03750176	-0.06122579	0.04790135	-0.02935483	0.02578200
21100	-0.03635207	0.04075397	-0.04741978	0.05469340	-0.02388979	0.02679204

21200	-0.03799529	0.03925497	-0.04684998	0.04214973	-0.02136223	0.02500269
21300	-0.03849023	0.03813589	-0.04720737	0.04657001	-0.02563590	0.02727714
21400	-0.04450031	0.03775761	-0.04916235	0.04304385	-0.02153055	0.02192886
21500	-0.03903010	0.04054274	-0.04818634	0.04506585	-0.02410550	0.02170989
21600	-0.03248880	0.04117691	-0.04496080	0.04590964	-0.02287408	0.02064450
21700	-0.03309240	0.03809604	-0.04084485	0.04865942	-0.01931393	0.01769491
21800	-0.03995302	0.03461488	-0.04351703	0.04952390	-0.01980103	0.02060382
21900	-0.03195599	0.03704941	-0.04276042	0.04816997	-0.01805233	0.01766147
22000	-0.03603440	0.03498887	-0.04569060	0.04696918	-0.01901832	0.01943289
22100	-0.03012409	0.03178316	-0.04684871	0.04661785	-0.01642510	0.02060325
22200	-0.03114685	0.03062323	-0.04600988	0.04064766	-0.01475664	0.01572574
22300	-0.02933644	0.03264563	-0.04663819	0.05501615	-0.01939510	0.01914648
22400	-0.02977824	0.03053705	-0.04392035	0.04516457	-0.02172745	0.01576758
22500	-0.03277708	0.02670253	-0.04061050	0.04403920	-0.01868289	0.01495044
22600	-0.03371837	0.02806711	-0.04798055	0.04167739	-0.01918721	0.01657525
22700	-0.03203063	0.02633884	-0.04155123	0.03844722	-0.01898609	0.01609447

abs min Vx	abs max Vx	abs min Vy	abs max Vy	abs min Vz	abs max Vz
-3.72309804	2.67421675	-3.64123964	3.55772996	-2.25341678	2.36803818

