

Annexure V

Geographical coordinates of flood line points marked on ground

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
1	77.98257183	27.24233434
2	77.98315098	27.24301471
3	77.983729	27.24370506
4	77.98432989	27.24425515
5	77.98453234	27.24398904
6	77.98480057	27.24484237
7	77.98461889	27.24563913
8	77.9844205	27.24650299
9	77.98433409	27.24699807
10	77.98448631	27.2470247
11	77.98451591	27.24760079
12	77.98433032	27.2477985
13	77.98395061	27.24853767
14	77.98322743	27.2486759
15	77.98273931	27.24899989
16	77.98310002	27.2496147
17	77.98228318	27.24971366
18	77.98283144	27.25027773
19	77.98286097	27.25066994
20	77.98197164	27.25060066
21	77.98124313	27.25111463
22	77.981564	27.25168263
23	77.98121091	27.25250604
24	77.98084647	27.25265356
25	77.98028979	27.25282674
26	77.98039727	27.25250212
27	77.98051329	27.25322821
28	77.98003733	27.25308703
29	77.97938817	27.25274772
30	77.9798013	27.25193482
31	77.97913938	27.25227389
32	77.97835884	27.25228281
33	77.97777915	27.25295728
34	77.97740511	27.25360242
35	77.97651659	27.25385207
36	77.97589191	27.25428541
37	77.9761634	27.25512753

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
38	77.97582254	27.2558424
39	77.97572653	27.25670311
40	77.9756213	27.25746808
41	77.97491984	27.25776168
42	77.97538362	27.25838969
43	77.97554423	27.25917877
44	77.9762527	27.25877259
45	77.97644012	27.25919507
46	77.97604096	27.25999675
47	77.97531128	27.26035629
48	77.97520732	27.26123862
49	77.97610172	27.26117456
50	77.97680061	27.26150198
51	77.97698209	27.26235052
52	77.97734149	27.2631703
53	77.97795237	27.26385634
54	77.97781874	27.26447611
55	77.9771381	27.2649384
56	77.97693549	27.26526741
57	77.97653083	27.26578742
58	77.97707231	27.26592786
59	77.97766281	27.26545249
60	77.97845114	27.26531482
61	77.97934872	27.26560082
62	77.97963682	27.26640131
63	77.9800344	27.26720069
64	77.97993586	27.2680637
65	77.97980695	27.26864794
66	77.98057828	27.2688996
67	77.9809672	27.26871872
68	77.98072647	27.26786001
69	77.98079655	27.26716921
70	77.9802088	27.26658418
71	77.9802067	27.26586526
72	77.98100272	27.26640018
73	77.98191667	27.26674688
74	77.98279323	27.26707903

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
75	77.98359475	27.26740768
76	77.98450037	27.26767316
77	77.98540309	27.26774275
78	77.98619553	27.26787149
79	77.98712438	27.26798897
80	77.98812133	27.26798666
81	77.98911821	27.26788216
82	77.99011045	27.26784484
83	77.99076812	27.26847356
84	77.99100528	27.26787303
85	77.99189167	27.26760847
86	77.99244006	27.26748091
87	77.99322364	27.26742283
88	77.99422575	27.2673413
89	77.99507779	27.26722152
90	77.99580555	27.26705922
91	77.99603402	27.26781381
92	77.9962019	27.26715626
93	77.99649542	27.26696988
94	77.99699606	27.26711846
95	77.99751961	27.26671306
96	77.99847576	27.26654993
97	77.9993648	27.26626035
98	78.00027642	27.26604355
99	78.00114006	27.26582782
100	78.00209794	27.26556709
101	78.00307605	27.26535982
102	78.00402703	27.26516361
103	78.0048755	27.26488529
104	78.00575643	27.26455541
105	78.0066916	27.26472974
106	78.00668367	27.26562334
107	78.00624397	27.26639368
108	78.00554096	27.26692119
109	78.00596354	27.26721509
110	78.00554849	27.26786237
111	78.00514999	27.26858798
112	78.00451798	27.26917168
113	78.0037797	27.26963692
114	78.00350961	27.27003761
115	78.00330824	27.27078856
116	78.00424718	27.27071672

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
117	78.00509485	27.27031847
118	78.00566017	27.26967696
119	78.00620029	27.26894871
120	78.00659867	27.26822713
121	78.00735967	27.26817733
122	78.00741374	27.26750625
123	78.00750991	27.26681186
124	78.00720864	27.26631677
125	78.00790381	27.26569031
126	78.00799836	27.26496662
127	78.0083321	27.2648186
128	78.00910282	27.26450174
129	78.00954559	27.26391881
130	78.0104871	27.26361356
131	78.01142877	27.2632968
132	78.01229507	27.26328291
133	78.0118641	27.26359055
134	78.01240169	27.26350696
135	78.01163551	27.26402695
136	78.01248664	27.2637188
137	78.013157	27.26321278
138	78.0140186	27.26285074
139	78.0145676	27.26349173
140	78.01531989	27.26397233
141	78.01550066	27.26332725
142	78.0155718	27.26265086
143	78.01553015	27.26228414
144	78.01650636	27.2621899
145	78.01740659	27.26182288
146	78.01815697	27.26216982
147	78.01819211	27.26300497
148	78.01823999	27.26389841
149	78.01864822	27.26461034
150	78.01930126	27.26521966
151	78.02027999	27.26530836
152	78.02113935	27.26499058
153	78.02196501	27.26487072
154	78.0227915	27.26508466
155	78.0224139	27.26467436
156	78.02158924	27.26428942
157	78.0209126	27.264192
158	78.02000333	27.26449183

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
159	78.01915532	27.26416655
160	78.01902286	27.26328315
161	78.01859911	27.26256137
162	78.01836695	27.26177902
163	78.01891361	27.26106856
164	78.01973291	27.26057791
165	78.02049916	27.26002223
166	78.02127275	27.25962013
167	78.02186813	27.25901747
168	78.02258729	27.25839062
169	78.02335246	27.2583247
170	78.0232223	27.25918328
171	78.02334757	27.26000232
172	78.02402165	27.25966495
173	78.02388179	27.25915373
174	78.02356994	27.25835715
175	78.02418841	27.25855155
176	78.02478353	27.25827168
177	78.02454455	27.25792021
178	78.02534615	27.25804579
179	78.02502645	27.25761355
180	78.0241275	27.25765917
181	78.02449171	27.25689309
182	78.02528001	27.25639556
183	78.02600965	27.25582235
184	78.02684635	27.25608151
185	78.0273428	27.25592874
186	78.02644688	27.25567528
187	78.02683261	27.25493053
188	78.02751832	27.25427529
189	78.02823067	27.25364293
190	78.02874688	27.25300825
191	78.02912318	27.25219092
192	78.02978634	27.2515661
193	78.03026664	27.25081029
194	78.03076773	27.25004093
195	78.03103377	27.24918863
196	78.03129702	27.24832817
197	78.03154718	27.24747324
198	78.03174502	27.24661856
199	78.03194779	27.24581074
200	78.03202479	27.24495467

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
201	78.03216012	27.24407989
202	78.03275783	27.24438252
203	78.03341613	27.24504835
204	78.03423226	27.24504068
205	78.03417023	27.24457882
206	78.03351885	27.24403129
207	78.03286795	27.24417876
208	78.03236343	27.24347489
209	78.03242617	27.24257962
210	78.03207474	27.24181043
211	78.03209594	27.2409091
212	78.03230759	27.24004473
213	78.03252496	27.23916695
214	78.03225072	27.2383957
215	78.03235232	27.23752137
216	78.03225609	27.23665192
217	78.03244012	27.23576775
218	78.03259389	27.23487797
219	78.0327645	27.23399277
220	78.0330179	27.23312086
221	78.03332823	27.23228288
222	78.03342719	27.23306865
223	78.03320305	27.23392673
224	78.03405724	27.23424677
225	78.03460332	27.23395177
226	78.03512812	27.23436528
227	78.03582728	27.23392191
228	78.03599184	27.23304398
229	78.0362591	27.23219986
230	78.03627905	27.23133632
231	78.03559337	27.23103044
232	78.03475688	27.23096954
233	78.03435976	27.23151222
234	78.03396802	27.23072044
235	78.03453131	27.23022841
236	78.0345449	27.22955624
237	78.03491103	27.22875513
238	78.03516989	27.22792434
239	78.03575675	27.22720995
240	78.03613379	27.22639265
241	78.03626874	27.22559503
242	78.03644038	27.2249607

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
243	78.03657315	27.22430189
244	78.03694916	27.22363335
245	78.03711062	27.22276778
246	78.03737413	27.22191508
247	78.037602	27.22107054
248	78.03747486	27.22019171
249	78.0376384	27.21930184
250	78.03783576	27.21844193
251	78.03801773	27.21758611
252	78.03887255	27.21771876
253	78.03848896	27.2172811
254	78.0380755	27.21660677
255	78.03844982	27.21584262
256	78.03843894	27.21508567
257	78.03838184	27.21418797
258	78.03843348	27.21328879
259	78.0384515	27.21242711
260	78.03838204	27.21153183
261	78.03823239	27.21064369
262	78.03792637	27.20982814
263	78.03796594	27.20893827
264	78.0376359	27.20811234
265	78.03773098	27.20732776
266	78.03777346	27.20702925
267	78.03715673	27.20657709
268	78.0366586	27.20581114
269	78.03632	27.20502549
270	78.0359426	27.20442606
271	78.03555298	27.20360587
272	78.035103	27.20281064
273	78.03466387	27.20199993
274	78.03413316	27.20131429
275	78.03366245	27.2005262
276	78.03321263	27.19972339
277	78.03292252	27.19890566
278	78.03267871	27.19809526
279	78.03232851	27.19732607
280	78.03183228	27.19670239
281	78.03147927	27.19586103
282	78.03104017	27.19504958
283	78.03070589	27.19420152
284	78.03029854	27.19337996

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
285	78.03002473	27.19251483
286	78.02989863	27.19166049
287	78.02960766	27.19079848
288	78.02979548	27.1903042
289	78.02956427	27.18955542
290	78.02952959	27.18867359
291	78.0293124	27.1879576
292	78.02927706	27.18713442
293	78.02945298	27.18624757
294	78.02970992	27.18537913
295	78.03008265	27.18455014
296	78.03066634	27.18425541
297	78.0316691	27.18428212
298	78.03130623	27.18402657
299	78.03043813	27.18377507
300	78.03064437	27.18290549
301	78.03113069	27.1821231
302	78.03159849	27.1813322
303	78.03224485	27.18064968
304	78.03292896	27.17999085
305	78.03371499	27.17948743
306	78.03458888	27.17910216
307	78.03553893	27.17890185
308	78.03641239	27.17852852
309	78.03741831	27.17853471
310	78.03838086	27.17833785
311	78.03938487	27.17827501
312	78.04038299	27.1783672
313	78.04103185	27.17561433
314	78.04015224	27.17551786
315	78.03923262	27.17529778
316	78.03822611	27.17533022
317	78.03727569	27.17533336
318	78.03629886	27.17523648
319	78.03541499	27.17488765
320	78.03467399	27.17460643
321	78.03450107	27.1737757
322	78.03472425	27.17320494
323	78.03392615	27.1736251
324	78.03416492	27.17448229
325	78.03341669	27.17441569
326	78.03252974	27.17401532

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
327	78.03153063	27.17405074
328	78.0306947	27.17400014
329	78.03020389	27.1743758
330	78.0294253	27.17478
331	78.02887022	27.17534322
332	78.02814892	27.17574353
333	78.02726241	27.17608829
334	78.02723362	27.17559456
335	78.02631712	27.17546047
336	78.02655632	27.17619015
337	78.02603423	27.17680975
338	78.02552403	27.17751404
339	78.02493585	27.17810275
340	78.02465209	27.17895816
341	78.02450381	27.17984517
342	78.0242923	27.1807201
343	78.02428112	27.1816217
344	78.0242498	27.18251842
345	78.0242498	27.18342026
346	78.02427857	27.18432015
347	78.02427015	27.1852211
348	78.02440804	27.18610996
349	78.0245516	27.18699872
350	78.02465801	27.18784126
351	78.02487471	27.18871621
352	78.02529648	27.1895352
353	78.02563013	27.19038295
354	78.02596435	27.19123061
355	78.02625814	27.19208644
356	78.02664055	27.19288933
357	78.02675507	27.19370412
358	78.02715946	27.19452975
359	78.02749198	27.1953781
360	78.02792643	27.19618822
361	78.02843067	27.19694328
362	78.0288145	27.19777636
363	78.02926254	27.19858347
364	78.02952236	27.19940761
365	78.03005355	27.20010643
366	78.03046831	27.20092572
367	78.03085195	27.20175105
368	78.03125252	27.20232548

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
369	78.03181312	27.20294466
370	78.03166048	27.20359675
371	78.03216543	27.20360572
372	78.03251178	27.20434167
373	78.0328965	27.20513137
374	78.03313105	27.2059859
375	78.03364352	27.20668092
376	78.03371362	27.2075794
377	78.0338974	27.2084107
378	78.03417648	27.20923669
379	78.03441625	27.21004331
380	78.0344343	27.21094377
381	78.03436187	27.21181355
382	78.03433773	27.21270195
383	78.03419332	27.21357156
384	78.03415488	27.21446316
385	78.03407545	27.21535884
386	78.03385298	27.2162169
387	78.03322737	27.21689936
388	78.03286677	27.21771884
389	78.03261746	27.21856558
390	78.0324039	27.21942283
391	78.03167038	27.21968436
392	78.03107508	27.21994025
393	78.031599	27.21993994
394	78.03218718	27.22016385
395	78.03192283	27.2210028
396	78.0317733	27.22182922
397	78.03116388	27.22233505
398	78.03053884	27.22280014
399	78.03068628	27.22348779
400	78.0304922	27.22429499
401	78.03015874	27.22507377
402	78.02991135	27.22592217
403	78.02967354	27.22679373
404	78.02955072	27.22768668
405	78.02919924	27.22852374
406	78.02915964	27.22895905
407	78.02940253	27.22967749
408	78.02920757	27.23046203
409	78.02923165	27.23113549
410	78.02936565	27.231631

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
411	78.02896643	27.23145277
412	78.02890903	27.23234694
413	78.02878552	27.23311277
414	78.02807421	27.23355372
415	78.02721885	27.23347985
416	78.02717213	27.2340465
417	78.02804543	27.23438312
418	78.02822461	27.23484338
419	78.02857155	27.23531924
420	78.02832685	27.23565691
421	78.028098	27.23577608
422	78.02804709	27.2366504
423	78.02795235	27.23754312
424	78.02807481	27.23815051
425	78.02793445	27.23846219
426	78.02768985	27.23891467
427	78.0285371	27.23923611
428	78.0283432	27.24007388
429	78.02781144	27.24055876
430	78.02812084	27.24134136
431	78.02764166	27.24195238
432	78.02669563	27.24176174
433	78.02755768	27.2420349
434	78.0280698	27.24251854
435	78.0278517	27.24339861
436	78.02768783	27.24424276
437	78.02756014	27.2451324
438	78.02708513	27.24587553
439	78.02666835	27.24666141
440	78.02606651	27.24734597
441	78.02564508	27.24816159
442	78.02522278	27.24897772
443	78.02483557	27.24980676
444	78.02431936	27.25054784
445	78.02385771	27.25129683
446	78.02324953	27.25201543
447	78.02272422	27.25269457
448	78.02202873	27.2527168
449	78.02155903	27.25338594
450	78.02159449	27.25389987
451	78.02097429	27.25447333
452	78.02025336	27.2550991

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
453	78.01949807	27.25567565
454	78.01867924	27.25609695
455	78.0178736	27.2566166
456	78.01701814	27.25708007
457	78.01609271	27.25738737
458	78.01514987	27.25768008
459	78.01420431	27.25798063
460	78.01341308	27.25823742
461	78.01245303	27.25845414
462	78.01152597	27.25879356
463	78.0108183	27.25848076
464	78.01026781	27.25920772
465	78.00937008	27.25956866
466	78.00839958	27.25978458
467	78.00793288	27.25984678
468	78.00708529	27.26031792
469	78.00618892	27.26053897
470	78.0052498	27.26083505
471	78.00477509	27.26024154
472	78.00430044	27.26069575
473	78.00365123	27.26088419
474	78.00270913	27.26115755
475	78.00205681	27.26089096
476	78.00153691	27.26140245
477	78.00067061	27.2615697
478	77.99983192	27.26147454
479	77.99912087	27.26116753
480	77.99811588	27.26116002
481	77.99734533	27.26144604
482	77.99766381	27.2619964
483	77.99689639	27.26227951
484	77.99589871	27.26226027
485	77.99521117	27.26247245
486	77.99430549	27.26283635
487	77.99403243	27.26353942
488	77.99322582	27.2631978
489	77.99267678	27.26272066
490	77.99182097	27.26310055
491	77.99192475	27.26396346
492	77.99112922	27.26421927
493	77.99045459	27.26459193
494	77.99006535	27.26537979

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
495	77.98907858	27.2655492
496	77.9886961	27.26508055
497	77.98784539	27.2653594
498	77.9878006	27.26468708
499	77.98725128	27.26427611
500	77.98654542	27.26389341
501	77.98557362	27.26391122
502	77.9847682	27.26338318
503	77.98398963	27.26281598
504	77.98326802	27.2621969
505	77.9828516	27.26166562
506	77.98266657	27.26079796
507	77.9823556	27.2599801
508	77.98252903	27.2593124
509	77.98267832	27.2586689
510	77.98358664	27.25863411
511	77.98454183	27.25846292
512	77.98429861	27.25819515
513	77.98350534	27.25789948
514	77.98315275	27.25735708
515	77.98370144	27.25663051
516	77.98441923	27.25601727
517	77.9853001	27.25563118
518	77.98621658	27.25525864
519	77.98712318	27.2548694
520	77.98796171	27.25437795
521	77.98880576	27.25395475
522	77.98963266	27.25347415
523	77.99045201	27.25304413
524	77.99121133	27.25250443
525	77.99174509	27.25248619
526	77.99247399	27.25283029
527	77.99347205	27.25289004
528	77.99441761	27.25297658
529	77.99475606	27.25338433
530	77.99436516	27.2528202
531	77.99412825	27.2526237
532	77.99381278	27.25247393
533	77.99332446	27.25244482
534	77.99297023	27.25205034
535	77.99266141	27.25211444
536	77.99207376	27.2520824

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
537	77.99240987	27.25141648
538	77.99318483	27.2508437
539	77.99373307	27.25077929
540	77.99463291	27.25093015
541	77.9941333	27.2503701
542	77.99392723	27.25002066
543	77.99461745	27.24936795
544	77.99514437	27.24864503
545	77.99549506	27.24788171
546	77.99598588	27.24714405
547	77.99642965	27.24682126
548	77.99649854	27.24645042
549	77.99703942	27.2459831
550	77.99665237	27.24539209
551	77.99689891	27.24451845
553	77.99822424	27.2435195
554	77.99893466	27.24355659
555	77.99828348	27.24307841
556	77.99780734	27.24239619
557	77.99804079	27.24162273
558	77.99819381	27.24087168
559	77.99846957	27.24002484
560	77.99851286	27.23915003
561	77.99866163	27.23842002
562	77.99884753	27.23753679
563	77.9996333	27.23715231
564	77.999878	27.23663393
565	77.99952368	27.23593415
566	77.99897154	27.23525162
567	77.99900909	27.23444563
568	77.99868582	27.23360131
569	77.99845878	27.23273684
570	77.99793125	27.23201313
571	77.99762425	27.23123561
572	77.99676153	27.23087745
573	77.99599449	27.23042116
574	77.99527785	27.22983605
575	77.9944955	27.22917703
576	77.99388021	27.22887002
577	77.99427541	27.22870414
578	77.99404254	27.22783755
579	77.99344965	27.22738645

Point No.	Longitude (decimal degree)	Latitude (decimal degree)
580	77.99293673	27.22691274
581	77.99209826	27.22705695
582	77.9924977	27.2276866
583	77.99253595	27.22829073
584	77.99164015	27.22829777
585	77.99077744	27.22797572
587	77.99395022	27.22878236
588	77.9940712	27.22905133
589	77.99404925	27.22911207
590	77.99414749	27.22819142
591	77.99421183	27.2283469
592	77.99374195	27.227696
593	77.99565356	27.23018629
594	77.99730931	27.23132901
595	77.99753819	27.23174095
596	77.99827555	27.232318
597	77.99994603	27.23705184
598	77.9997176	27.23637131
599	77.99879577	27.23885885
600	77.99859909	27.23892615
601	77.99878257	27.24314712
602	77.99703109	27.24638382
603	77.99644347	27.24714551
604	77.9941687	27.25096217
605	77.99189966	27.25280765
606	78.0294799	27.22877607
552	77.99740858	27.24354467
700	77.99990321	27.23661454
701	78.00054516	27.23652384
702	78.00091179	27.23700945
703	78.00106811	27.23667644
704	78.00144108	27.23617781
705	78.0006446	27.23616622
706	77.99994955	27.23652808
707	77.99771322	27.23096677
708	77.99770205	27.2308643
709	77.99767386	27.23096514
710	77.9976096	27.23094833
711	77.99758019	27.23088966
712	77.99755742	27.23089094
713	77.99755756	27.23095789
714	77.99756109	27.23098079