

Adult plant response of AVT II nd year, Ist year and NIVT material against stem rust under field conditions (artificial inoculations) during 2015-16								
		Vijapur	Mahabaleshwar	Pune	Powarkheda	Indore	HS	ACI
AVT IInd Year								
I. NORTHERN HILL ZONE								
1	HPW 251 (C)	TR	TMR	5MR	10MS	10MR	10MS	2.9
2	HS 375 (C)	0	TR	20MR	10MR	0	20MR	2.4
3	HS 490 (C)	10S	TMR	10MR	10MS	0	10S	4.5
4	HS 507 (C)	TR	TR	5MR	20MS	0	20MS	3.7
5	HS 542 (C)	TS	TR	5MR	TR	0	5MR	0.7
6	VL 829 (C)	0	TR	5MR	0	0	5MR	0.4
7	VL 892 (C)	20S	TR	5MR	0	5MR	20S	4.8
II. NORTH WESTERN PLAIN ZONE								
8	DBW 88 (C)	20MS	TR	20MR	10MS	0	20MS	6.4
9	DBW 90 (C)	30S	20S	TR	10MS	40S	40S	19.6
10	HD 3043 (C)	TS	5S	20MR	10MS	5MR	10MS	4.8
11	HD 2967 (C)	60S	TR	20MS	10MS	20S	60S	20.8
12	HD 3059 (C)	20S	TR	5MR	10MS	10MR	20S	6.8
13	HD 3086 (C)	60S	20S	20MS	10MS	60MS	60S	30.4
14	PBW 644 (C)	10S	10S	0	10MS	10MR	10S	6.4
15	WH 1021 (C)	10MS	10S	0	TR	0	10S	3.6
16	WH 1080 (C)	20S	10S	30MR	0	5S	20S	9.4
17	WH 1105 (C)	30S	TR	20MR	0	5S	30S	8.6
18	WH 1124 (C)	60S	10S	0	20MS	60MS	60S	26.8
19	WH 1142 (I) C)	20MS	40S	10S	10MR	20MS	40S	17.2
III. NORTH EASTERN PLAIN ZONE								
20	HD 3171	10S	TR	5S	30MS	5MS	30MS	8.6
20. A	INFECTOR	100S	80S	80S	80S	100S	100S	88.0
21	K 1317	10S	5S	5MR	10MR	TR	10S	4.2
22	C 306 (C)	40S	40S	40S	30S	40S	40S	38.0
23	DBW 39 (C)	10MS	TR	20MR	10MR	TMS	10MS	4.2
24	HD 2733 (C)	TR	TR	30MR	20MS	5MR	20MS	6.1
25	HD 2888 (C)	0	10S	10MR	10MS	0	10S	4.4
26	K 8027 (C)	20S	40S	40S	20S	30MS	40S	28.8
27	K 0307 (C)	20S	40S	40MR	20MS	10MS	40S	20.0
28	K 1006 (C)	20S	5S	20MS	20MS	20MR	20S	13.0
IV. CENTRAL ZONE								
29	HI 8759 (D)	20S	TR	5MR	0	20MR	20S	6.0
30	HD 4728 (D) (I) (C)	10MS	TR	20MS	0	20MR	20MS	6.4
31	HI 8498 (D) (C)	30S	TR	10MR	0	10MR	30S	7.6
32	HI 8737 (D) (C)	20S	TR	20MR	0	5MR	20S	6.0
33	MPO 1215 (d) (C)	20S	TS	10MR	0	5MR	20S	5.4
V. PENINSULAR ZONE								
34	MACS 3949 (d)	0	40S	20MS	0	5MS	40S	12.0
35	HI 1605	20S	5S	20MR	0	5MR	20S	7.0
36	AKDW 2997-16(d) (C)	20S	10S	20MR	0	40MS	40MS	14.0
37	DBW 93 (C)	0	10S	20MR	15MS	TR	15MS	6.0
38	HD 2932 (C)	10S	20S	40MS	20MS	5S	40MS	16.6
39	MACS 6222 (C)	TR	TS	10MR	30MS	0	30MS	5.8

Adult plant response of AVT IInd year, Ist year and NIVT material against stem rust under field conditions (artificial inoculations) during 2015-16								
40	MACS 6478 (C)	60S	TR	20MS	10MS	0	60S	16.8
40. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0
41	NI 5439 (C)	80S	20S	40S	10MS	20S	80S	33.6
42	NIAW 1415 (C)	TR	TR	20MR	TR	0	20MR	1.7
43	NIAW 34 (C)	10S	5S	20MR	TR	0	10S	4.6
44	NIDW 295 (D) (C)	10MR	10S	30S	0	5MR	30S	9.2
45	RAJ 4083 (C)	10S	TS	20MR	0	10MR	10S	4.6
46	UAS 428 (d) (C)	10MR	10S	10S	0	20MR	10S	6.4
47	UAS 446 (d) (C)	TMR	20S	30S	0	10MS	30S	11.7
VI. SOUTHERN HILLS ZONE								
48	HW 2044 (C)	20S	TR	5MR	0	10MS	20S	6.0
49	HW 5216 (C)	TR	TR	0	20MR	10MR	20MR	2.5
50	CoW (W) -1 (C)	TR	TR	5MR	TR	0	5MR	0.5
VII. SPECIAL TRIAL (MABB-IR-LS-CZ/PZ/WB)								
51	HD 3209	TS	5S	20MR	0	0	20MR	2.8
52	PBW 723	TR	TR	5MR	TR	0	5MR	0.5
53	WB 2	10S	TR	10MR	0	5MR	10S	3.2
54	DBW 14 (C)	20S	30S	5MR	10MS	0	30S	12.0
55	DBW 71 (C)	10S	TS	20MR	TR	5MR	10S	4.2
56	DDK 1029 (C)	10MR	10S	20MR	0	5MR	10S	4.8
57	DPW 621-50 (C)	20S	TR	20MR	10MS	TR	20S	7.3
58	GW 322 (C)	20S	TMR	20MR	10MS	TMR	20S	7.4
59	HD 2864 (C)	10MS	40MR	20MR	20MS	0	20MS	9.6
60	HW 1098 (C)	TMR	5S	10MR	TR	10MR	5S	2.7
60. A	INFECTOR	100S	80S	80S	80S	100S	100S	88.0
61	Kharchia 65 (C)	80S	40S	60S	0	50S	80S	46.0
62	KRL 19 (C)	40S	10S	40MR	TR	5MS	40S	14.0
63	KRL 210 (C)	40S	5S	20MS	20MS	60S	60S	27.4
64	MP 3336 (C)	20S	5S	10MR	TR	0	20S	5.8
65	PBW 343 (C)	0	10S	40MR	TR	10MR	40MR	6.0
66	TL 2942 (C)	0	TR	20MR	0	TMS	20MR	1.8
67	TL 2969 (C)	0	TR	5MR	0	10MR	10MR	1.2
68	WR 544 (C)	40S	20S	40MS	0	30MS	40S	23.2
68. A	INFECTOR	100S	80S	80S	80S	100S	100S	88.0
AVT Ist Year								
I. NORTHERN HILL ZONE								
1	HPW423	10S	10S	20MR	0	10S	10S	7.6
2	HPW424	30S	20S	20MR	10MS	20S	30S	17.2
3	HPW432	30S	30S	20MR	15MS	5MS	30S	16.8
4	HPW433	20S	10S	10MR	0	5MR	20S	7.2
5	HS622	20S	TR	20S	5MS	10MR	20S	9.6
6	HS623	10S	TR	5MR	0	5MS	10S	3.2
7	HS625	40S	TR	20MR	5MS	20S	40S	14.4
8	HS626	10MR	20S	20MS	0	10MS	20S	9.6
9	HS627	30S	10S	20S	0	30S	30S	18.0
10	HS628	0	20S	20MR	0	5MR	20S	6.0
11	UP2954	10S	TR	20MS	15MS	10S	20MS	9.6
12	UP2955	TR	TR	20MR	0	0	20MR	1.7
13	VL1008	10MS	TR	10MR	5MS	5S	10MS	4.2
14	VL1009	10S	TR	20MR	0	5S	10S	4.6
15	VL1010	20S	20S	10MR	TR	20S	20S	12.8

Adult plant response of AVT IInd year, 1st year and NIVT material against stem rust under field conditions (artificial inoculations) during 2015-16								
16	VL3010	10S	TR	20MS	0	20MR	20MS	6.8
17	VL3011	0	10S	10MR	0	0	10S	2.8
18	VL3012	10S	TR	20MR	0	5S	10S	4.6
II. NORTH WESTERN PLAIN ZONE								
19	DBW 172	30S	5S	30S	0	0	30S	13.0
20	DBW 173	TR	TR	20MR	0	0	20MR	1.7
20. A	INFECTOR	100S	40S	80S	20S	100S	100S	68.0
21	DBW 179	5S	TR	40MS	5MS	10S	40MS	10.2
22	NW 6046	60S	40S	40S	10MS	40S	60S	37.6
23	PBW 725	10S	5S	40MR	10MS	TMS	40MR	8.0
24	PBW 737	40S	20S	30S	10MS	5S	40S	20.6
25	UP 2903	40S	TR	40MS	10MS	5S	40S	17.0
26	UP 2907	40S	TR	30S	15MS	30S	40S	22.4
27	WH 1184	20S	10S	30S	10MS	20S	30S	17.6
III. NORTH EASTERN PLAIN ZONE								
28	HD 3184	40S	TR	30S	10MS	10S	40S	17.6
29	HI 1612	40S	40S	5S	15MS	40S	40S	27.4
30	WH 1181	20MS	TR	5MR	10MS	TMR	20MS	5.3
IV. CENTRAL ZONE								
31	HI 8774 (D)	TR	5S	5MR	0	TMS	5S	1.6
32	PDW 344 (D)	20MS	40S	30S	0	TMS	40S	17.4
V. PENINSULAR ZONE								
33	AKAW 4842	20MS	10S	20MR	0	10MR	20MS	7.6
34	DBW 168	10MS	TR	5MR	0	0	10MS	2.0
35	GW 477	5S	10S	20MR	0	10MR	10S	5.4
36	HI 8777 (D)	20MS	20S	20S	0	10MR	20S	12.0
37	KD 1418 (D)	TR	20S	20S	0	30S	30S	14.0
38	MACS 4028 (D)	20MS	40S	20MR	0	0	40S	12.8
39	MACS 6660	20MS	10S	5MR	10MS	TR	20MS	7.2
40	NIAW 2495	10MS	40S	20MR	10MS	20MR	40S	14.4
40. A	INFECTOR	100S	80S	80S	80S	100S	100S	88.0
41	RKD 283 (D)	10S	TR	5MR	0	10MS	10S	4.0
42	RKD 292 (D)	TMS	5S	20MR	0	5S	20MR	3.8
43	UAS 375	40S	5S	20MR	0	0	40S	10.6
44	UAS 459 (D)	TR	5S	20MR	0	TS	20MR	2.8
VI. SPECIAL TRIAL (Dicocum and Sailability and Alkalinity)								
45	DBW 214	20S	TR	20MR	0	5S	20S	6.6
46	DBW 215	20S	TR	30S	0	5S	30S	11.0
47	DBW 216	20S	TR	20MR	0	5MS	20S	6.4
48	DBW 217	20S	TR	20MR	0	TMR	20S	5.7
49	DDK 1050	TS	TR	5MR	0	5MS	5MS	1.4
50	DDK 1051	TMR	TR	10MR	0	TR	10MR	1.0
51	KA 1427	20S	10S	20MR	15MS	TMR	20S	10.1
52	MACS 5044	TMR	20S	5MR	0	0	20S	4.5
53	MACS 5046	TS	5S	5MR	0	TMR	5S	1.7
54	NW 6094	10S	TR	20MR	15MS	5MR	15MS	6.4
55	WH 1310	0	5S	0	10MS	5MR	10MS	3.0
VII. SPECIAL TRIAL (TRITICALE)								
56	TL 3006	TR	TR	TR	0	0	TR	0.1
57	TL 3007	TS	TR	TR		TMR	TS	0.5
58	TL 3008	0	TR	0	0	TR	TR	0.1

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59	TL 3009	0	TR	0	0	TR	TR	0.1
60	TL 3010	0	TR	0	0	TMR	TMR	0.1
60. A	INFECTOR	100S	60S	80S	90S	100S	100S	86.0
VIII. SPECIAL TRIAL (MABB/NIL (KB) ENTRIES/Biofortification trial)								
61	HPBW 01	30S	TR	30MR	20MS	40MS	40MS	18.0
62	HPBW 02	30S	TR	30MR	20MS	20MS	30S	14.8
63	HPPAU 05	20S	TR	20MR	TR	5MS	20S	6.5
64	HPPAU 08	30S	TR	20MS	20MS	10S	30S	14.4
65	HPPAU 10	20S	20MR	20MR	10MS	30MS	30MS	13.6
66	PBW 760	0	20S	10MR	5MR	0	20S	5.2
IX. SPECIAL TRIAL (Very Late Sown)								
67	DBW 218	20S	10S	10MR	20MS	20MR	20S	11.6
68	DBW 219	30S	TR	5MR	10MS	5MS	30S	8.8
69	DBW 220	0	TR	30MR	15MR	40S	40S	11.6
70	HD 3236	20S	5S	20MR	TR	20MR	20S	8.2
71	HI 1621	20S	5S	40MR	5MS	30MS	30MS	13.8
72	PBW 756	10S	TR	20MR	5MR	5S	10S	5.0
73	PBW 757	20S	40MR	20MR	TR	0	20S	8.8
74	WH 1215	20S	TR	5MR	0	5S	20S	5.4
75	WH 1216	0	TR	10MR	TR	5MS	5MS	1.7
X. AVTs for Summer sown (VHA)								
76	HS 580	10MR	TR	20MR	TR	0	20MR	2.5
77	HS 590	40S	Ts	20MR	10MS	10S	40S	13.4
78	VL 3002	20S	TR	20MR	TR	0	20S	5.7
79	VL 4001	TR	TR	TR	0	TMR	TMR	0.2
80	PBW 621	10S	TR	0	0	0	10S	2.0
80. A	INFECTOR	100S	80S	80S	80S	100S	100S	88.0
81	HPW 393	-			-			
82	HPW 394	-			-			
NIVT 1A								
1	UP 2940	20S	TS	20MR	10MS	5MR	20S	7.8
2	K 1501	20S	TMR	20MS	10MS	10S	20S	10.9
3	UP 2939	TR	TS	5MR	0	0	5MR	0.6
4	HD 3220	0	TMR	20MR	0	10MR	20MR	2.5
5	UP 2936	20S	TS	5MR	10MS	5MS	20S	7.0
6	HUW 802	0	10S	40MR	15MS	TR	40MR	7.6
7	WH 1201	40S	10S	20MR	10MS	60S	60S	25.2
8	RAJ 4465	0	TS	30S	10MS	20S	30S	11.8
9	HD 3222	TR	TMR	5MR	0	0	5MR	0.5
10	HD 3218	40S	TR	10MS	0	TR	40S	9.7
11	NW 6094	10MS	TS	20MR	10MS	5MR	10MS	5.4
12	PBW 761	10S	TMR	5MR	0	10MS	10S	4.1
13	HUW 801	60S	10S	30S	15MS	0	60S	22.4
14	PBW 747	10S	TR	30MS	0	0	30MS	6.8
15	HD 3223	0	10MS	20MR	15MS	5MS	15MS	6.4
16	WH 1203	40S	TR	20MR	5MR	10MS	40S	11.6
17	BRW 3786	TS	10S	20MR	0	20MS	20MS	7.0
18	JKW 230	TR	TR	0	0	0	TR	0.1
19	DBW 194	10S	TR	20MR	0	0	10S	3.6
20	DBW 189	30S	TR	40MS	10S	0	40MS	14.4
20. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0

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21	DBW 193	10MS	TR	30S	15MS	0	30S	10.0
22	K 1503	TR	TR	20MR	0	5S	20MR	2.7
23	RAJ 4462	TR	TMR	10MR	0	0	10MR	0.9
24	UP 2937	0	TS	20MR	0	TMR	20MR	1.9
25	WH 1200	TR	TMR	20MR	0	20MS	20MS	4.9
26	RAJ 4464	10S	TR	20S	0	5S	20S	7.0
27	NW 6078	0	TR	5MR	0	TR	5MR	0.5
28	DBW 188	10S	10S	20MR	0	10MR	10S	6.4
29	PBW 744	20S	TMR	20MR	15S	0	20S	8.7
30	BRW 3785	20S	TS	20MR	0	5MS	20S	6.6
31	HD 3221	20S	TS	20MR	0	10MS	20S	7.4
32	K 1502	10S	TMR	20MR	0	10MS	10S	5.3
33	RAJ 4463	0	TS	5MR	0	0	5MR	0.6
34	UP 2938	10S	TR	20MR	0	0	10S	3.6
35	DBW 192	TR	TR	10MR	0	TMR	10MR	1.0
36	WH 1204	20S	TR	5MR	0	10S	20S	6.4
37	PBW 745	TR	TMR	5MR	0	0	5MR	0.5
38	HD 3217	10S	TR	10MR	10MS	TMR	10S	4.5
39	PBW 746	0	TR	5MR	5MS	TMR	5MS	1.3
40	DBW 187	20MS	TR	20MR	5MR	0	20MS	5.2
40. A	INFECTOR	100S	30S	80S	80S	100S	100S	78.0
41	DBW 191	20S	TMR	20MR	5MS	10S	20S	8.5
42	HD 3219	30S	TR	10MR	5MS	TMR	30S	7.7
43	HP 1962	20S	TR	20MS	5MS	TMR	20S	8.1
44	DBW 190	20MS	TR	5MR	15MS	5S	20MS	7.0
45	WH 1202	20S	TMR	20MR	10MS	40S	40S	15.3
NIVT 1B								
46	PBW 749	10S	TS	20MR	0	30MS	30MS	8.6
47	K 1508	TR	TR	20MR	0	0	20MR	1.7
48	DBW 199	40S	TR	40S	15MS	10MS	40S	20.0
49	NW 6079	20MS	10S	20MR	0	20MR	20MS	8.4
50	K 1506	TR	10S	5MR	0	20MS	20MS	5.6
51	BRW 3770	20MS	TR	20MR	0	40S	40S	12.8
52	RAJ 4468	10MR	TS	20MR	0	0	20MR	2.6
53	HP 1963	20MS	10MR	20MS	0	0	20MS	7.2
54	JKW 225	TR	TR	10MR	0	0	10MR	0.9
55	NW 6093	0	TR	5MR	0	0	5MR	0.4
56	PBW 750	30S	TMR	20MR	15MS	0	30S	10.1
57	HD 3228	40S	TR	20S	15MS	30S	40S	20.4
58	JKW 221	60S	TR	0	0	5MS	60S*	12.8
59	RAJ 4466	60S	10S	40MS	10MS	20MR	60S	23.6
60	HUW 806	20S	10S	20MR	TR	20MR	20S	9.2
60. A	INFECTOR	100S	30S	80S	80S	100S	100S	78.0
61	DBW 197	30S	10S	20MR	0	10MR	30S	10.4
62	WH 1206	20MS	TMR	20MR	0	10MR	20MS	5.7
63	HD 3227	10MS	TR	20MR	0	5MR	10MS	3.6
64	HUW 807	10MS	TR	20MR	10MS	30S	30S	10.8
65	NW 6082	10MS	TR	30MR	0	0	30MR	4.0
66	UBW-8	0	TR	10MR	0	0	10MR	0.8
67	DBW 196	10MS	TR	0	0	0	10MS	1.6
68	K 1505	0	10S	20MR	0	TMR	10S	3.7

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69	WH 1207	TR	TMR	10MR	0	0	10MR	0.9
70	HD 3229	0	TS	5MR	0	0	5MR	0.6
71	PBW 748	20MS	10MR	40MR	0	20MR	20MS	8.8
72	BRW 3771	60S	10MR	20MR	0	5MR	60S	14.8
73	K 1507	20MS	TR	5MR	0	20MR	20MS	5.2
74	DBW 195	30S	TS	20MS	0	10S	30S	11.4
75	WH 1205	20S	TR	40MR	0	0	20S	7.2
76	K 1504	10MS	TR	20MR	0	0	10MS	3.2
77	AAIW 8	10S	TR	5MR	0	5MS	10S	3.2
78	DBW 198	10MS	TR	40MR	0	0	40MR	4.8
79	HD 3225	20S	10S	5MR	0	20MS	20S	9.6
80	BRW 3773	40S	20S	20MR	0	30MR	40S	16.0
80. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0
81	HD 3226	TR	TMR	20MR	0	20MR	20MR	3.3
82	HUW 804	60S	TS	20MR	0	5MS	60S	14.6
83	UP 2941	20S	TS	30MS	0	0	30MS	9.0
84	NW 6088	60S	20S	20MR	0	30MS	60S	22.4
85	HD 3224	20S	TR	5MR	0	10S	20S	6.4
86	UP 2942	10S	TR	TR	0	5S	10S	3.1
87	HUW 803	10S	TR	5MR	0	TS	10S	2.6
88	HD 3230	20MS	TMR	20MR	0	10MS	20MS	6.5
89	NW 6090	10S	10S	20MR	0	20MS	20MS	8.8
90	UP 2943	20S	TR	20MR	0	10S	20S	7.6
NIVT 2								
91	UAS 379	10S	10S	20MR	10MS	10MR	10S	8.0
92	RVW 4246	60S	10S	TR	30MS	0	60S	18.8
93	RAJ 4470	20MS	TMR	5MR	10S	0	20MS	5.7
94	GW 485	0	10S	20MR	0	0	10S	3.6
95	HI 1613	TR	TR	10MR	0	0	10MR	0.9
96	GW 481	0	10MR	5MR	20S	5MR	20S	5.6
97	RVW 4247	TR	TR	5MR	0	TR	5MR	0.5
98	K 1510	10S	TR	5MR	15MR	TS	10S	3.8
99	JWS 149	10MS	TR	20MR	20MR	5MS	10MS	5.6
100	DBW 201	40S	TR	20MR	20MS	10S	40S	14.8
100. A	INFECTOR	100S	20S	80S	80S	100S	100S	76.0
101	MACS 6692	20MS	10S	5MR	30MS	5MR	30MS	10.8
102	HI 1615	20S	TMR	5MR	20S	TMR	20S	8.6
103	NIAW 2844	60S	20S	30MR	40S	20S	60S	30.4
104	AKAW 4899	60S	10S	30MR	50S	20MS	60S	29.6
105	MP 1324	20MS	TR	5MR	20MR	5MR	20MS	5.6
106	HI 1616	TR	10MR	20MR	30MR	0	30MR	4.8
107	UAS 378	TS	TR	5MR	20MR	0	20MR	2.2
108	UAS 380	TS	TR	20MR	20MS	5S	20MS	6.0
109	MP 1325	10MS	TR	20MR	30MS	10S	30MS	10.0
110	MP 3465	10MS	TR	20MR	40MS	5MS	40MS	10.4
111	HD 3231	30S	10S	40S	30MS	10MS	40S	22.4
112	WH 1208	TMR	TR	5MR	20MS	0	20MS	3.7
113	GW 480	20S	TMR	20MR	30MS	TMR	30MS	10.6
114	UP 2944	10MR	10MR	20MR	15MR	10S	10S	6.4
115	MP 1323	20S	TR	20MR	20MR	TMR	20S	7.3
116	GW 479	TR	10S	20MR	0	0	10S	3.6

Adult plant response of AVT IInd year, 1st year and NIVT material against stem rust under field conditions (artificial inoculations) during 2015-16								
117	HI 1544 (C)	TR	TMR	20MR	15MS	TR	15MS	4.2
118	DBW 200	20MS	TR	5MR	30MS	10S	30MS	10.4
119	MACS 6689	TR	TMR	5MR	0	0	5MR	0.5
120	UAS 381	20MS	TR	20MR	40S	10MR	40S	13.6
120. A	INFECTOR	100S	10S	80S	90S	100S	100S	76.0
121	NIAW 2892	TS	TR	0	40MS	0	40MS	6.6
122	PBW 751	TR	TR	TR	0	0	TR	0.1
123	HI 1614	40S	TS	20MR	40MS	0	40S	16.2
124	GW 483	TR	TR	5MR	40MS	0	40MS	6.9
125	CG 1020	20S	TR	20MR	20MS	0	20S	8.8
NIVT - 3A								
126	PBW 754	10S	TR	20MR	10MR	20S	20S	8.4
127	HD 3235	30S	TR	5MR	TR	10MS	30S	8.1
128	HD 3232	10MS	TR	5MR	10MS	5MR	10MS	4.0
129	HD 3234	TR	TR	5MR	0	20MS	20MS	3.7
130	HI 1617	20MS	10S	5MR	15MS	20MS	20MS	11.2
131	HP 1964	30S	10S	5MR	0	20MR	30S	10.0
132	HUW 810	10MS	TR	20MR	10MS	10MS	10MS	6.4
133	K 1514	20S	TMR	10MR	0	5MS	20S	5.7
134	K 1512	20S	TS	20MR	15MS	0	20S	8.2
135	HUW 808	10S	TR	10MR	15MS	5MR	15MS	5.6
136	DBW 203	10S	TS	5MR	0	TR	10S	2.6
137	RAJ 4471	TR	10MR	20MR	5MS	0	20MR	3.2
138	BRW 3777	30S	20S	10MR	0	20X	30S	13.2
139	HI 1563 (C)	TR	TMR	5MR	0	0	5MR	0.5
140	UP 2948	20MS	TS	5MR	10MS	5MS	20MS	6.2
140. A	INFECTOR	100S	30S	80S	80S	100S	100S	78.0
141	JKW 222	40S	TS	20S	0	10S	40S	14.2
142	UP 2945	20MS	TS	10MR	5MR	TMR	20MS	4.7
143	WH 1210	TR	10S	5MR	0	20MS	20MS	5.6
144	WH 1211	10MS	TR	5MR	0	5S	10MS	3.0
145	UBW 9	TR	TR	40MR	TR	0	40MR	3.3
146	K 1513	30S	10S	20MS	0	10MS	30S	12.8
147	UP 2947	10MR	TS	TR	0	TR	10MR	1.1
148	HUW 809	20S	10S	5MR	10MS	5S	20S	9.0
149	WH 1209	TR	TR	TR	0	TR	TR	0.2
150	PBW 752	20S	TS	5MR	0	TS	20S	4.8
151	RAJ 4472	TR	TR	10MR	0	5MR	10MR	1.3
152	HD 3233	20S	TS	20S	10MS	20S	20S	13.8
153	PBW 753	TR	10S	10MR	15MS	0	15MS	5.2
154	DBW 205	20S	10S	20S	10MR	0	20S	10.8
155	DBW 202	10S	TR	20MR	TR	20S	20S	7.7
156	NW 6071	20MS	10MR	20MR	0	20MS	20MS	8.8
157	DBW 204	10MS	TR	40MS	15MS	0	40MS	10.4
158	NW 6080	20S	10S	20MR	10MR	20MS	20S	11.6
NIVT 3B								
159	MP 1327	TMS	TS	20MS	10MS	10MR	20MS	6.0
160	NIAW 2721	TR	10S	20MR	10MS	0	10S	5.2
160. A	INFECTOR	100S	20S	80S	80S	100S	100S	76.0
161	UAS 382	TS	10S	20MR	0	0	10S	3.8
162	RAJ 4474	TR	TR	40MR	0	0	40MR	3.3

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163	UAS 383	20S	TR	40MR	0	5MR	20S	7.6
164	HI 8780	10MR	TR	20MS	0	10MR	20MS	4.8
165	DBW 209	10S	TR	20MR	5MS	10S	10S	6.4
166	NIAW 2725	TMR	TS	20MR	15MS	0	15MS	4.3
167	CG 1022	TR	TS	20MR	15MS	30MR	15MS	6.6
168	AKAW 4127	TR	TMR	5MR	0	0	5MR	0.5
169	PBW 755	TR	TS	TR	0	TMR	TS	0.4
170	MACS 6618	10MR	10MR	5MR	30MS	0	30MS	6.8
171	DBW 208	20MS	TR	5MR	15MS	5MR	20MS	6.4
172	PBN 4585	60S	20S	5MR	20MS	10MS	60S	21.2
173	WH 1214	10S	TR	20MR	10MS	30MS	30MS	10.0
174	NIAW 2891	TR	TR	5MR	0	0	5MR	0.5
175	RVW 4241	10S	TR	TR	0	TMR	10S	2.2
176	DBW 206	60S	TR	20MR	TR	10MR	60S	14.5
177	MACS 6679	TR	TR	10MR	0	5MS	5MS	1.7
178	MP 1326	10MS	TR	5MR	10MR	10MS	10MS	4.4
179	HI 8781	20S	TR	5MR	0	TR	20S	4.5
180	GW 488	TR	TR	20MR	TR	0	20MR	1.7
180. A	INFECTOR	100S	20S	80S	80S	100S	100S	76.0
181	MP 1328	TR	TR	40MR	0	0	40MR	3.3
182	CG 1021	TR	TR	5MR	0	20MR	20MR	2.1
183	MP 4010 (C)	TR	10MR	0	TR	0	10MR	0.9
184	HI 1618	TR	TR	20MR	10MS	0	10MS	3.3
185	GW 486	TR	20S	TR	0	0	20S	4.1
186	HP 1965	10MS	TR	5MR	15MS	10MR	15MS	5.2
187	MP 3456	0	TS	5MR	20MS	TS	20MS	4.0
188	DBW 207	10MR	TR	20MR	20MS	10S	20MS	7.6
189	GW 487	0	TR	20MR	15S	0	15S	4.6
190	WH 1213	0	TR	5MR	10MS	10MS	10MS	3.6
191	MP 3459	10S	10MR	20MR	20MR	10MS	10S	7.6
NIVT - 4								
192	GW 1330	TR	10S	5MR	5MR	5MR	10S	3.2
193	PDW 350	TR	TMR	10MS	0	TR	10MS	1.8
194	UAS 461	TR	TR	10MR	0	10MR	10MR	1.7
195	HI 8787	10S	TR	20MR	0	TR	10S	3.7
196	GW 1332	10MS	TS	10MR	0	5MS	10MS	3.4
197	GW 1329	TR	TR	5MR	0	5MS	5MS	1.3
198	MPO 1329	TR	TR	10MR	0	TS	10MR	1.1
199	NIDW 1055	0	TS	10MR	0	0	10MR	1.0
200	PDW 348	TR	TS	TR	0	10MR	10MR	1.1
200. A	INFECTOR	100S	20S	80S	90S	100S	100S	78.0
201	DDW 40	0	10MR	5MR	0	5MS	5MS	2.0
202	PDW 349	TR	TS	5MR	0	10MR	10MR	1.4
203	PBND 4826	TR	10S	5MR	0	10MR	10S	3.2
204	AKDW 4905	10MS	TR	20MR	0	20MR	10MS	4.8
205	HI 8786	TR	TR	20MS	0	0	20MS	3.3
206	GW 1331	TR	TR	10MR	0	10MR	10MR	1.7
207	MACS 4049	20S	TR	5MR	10MR	10MR	20S	6.0
208	HI 8785	TR	TR	20MR	0	5MS	20MR	2.5
209	HI 8784	10MS	TR	5MR	0	TR	10MS	2.1
210	MACS 4054	0	30S	20S	5MS	40MS	40MS	17.2

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211	PDW 347	TMR	10S	20S	0	10MR	20S	6.9
212	WHD 960	TR	20S	30S	TR	60S	60S	22.1
213	NIDW 1038	TR	TR	5MR	0	5MR	5MR	0.9
214	DDW 39	TR	10S	20MS		40S	40S	16.6
215	HI 8783	10S	TR	10MR	0	0	10S	2.8
216	HI 8782	20S	TS	5MS	0	10MR	20S	5.8
217	WHD 959	20MS	20S	5MR	0	40S	40S	15.6
218	RKD 305	TR	10S	20MR	0	0	10S	3.6
219	HI 8788	TR	TS	20MR	0	10MR	20MR	2.6
220	MPO 1330	TR	TR	10MS	0	5MS	10MS	2.5
220. A	INFECTOR	100S	30S	80S	90S	100S	100S	80.0
221	UAS 460	TR	TS	10MR	0	0	10MR	1.0
222	UPD 2949	TR	TR	10MR	0	0	10MR	0.9
223	MACS 4050	30MS	TMR	20MS	10MR	40MR	30MS	12.1
224	RKD 296	TR	TR	TR	0	20S	TR	4.1
225	GW 1328	TR	TS	5MR	0	10MR	10MR	1.4
NIVT - 5A								
226	K 1516	20S	TR	10MR	0	5S	20S	5.8
227	DBW 213	TR	TR	5MR	10S	TR	10S	2.5
228	MACS 6677	10MS	10S	20MR	TR	10MR	10S	6.0
229	MP 1318	TR	TS	0	0	0	TS	0.2
230	BRW 3775	20S	5S	20MR	15MS	5MS	20S	9.8
231	DBW 212	10S	TR	20MR	10MR	5MR	10S	4.8
232	NIAW 2822	TR	TS	0	10S	10MR	10S	3.0
233	MACS 6678	20S	5S	TR	0	30S	30S	11.0
234	UP 2951	TR	TR	TR	5MR	5MR	5MR	0.9
235	K 1517	20S	TS	5MR	0	10MR	20S	5.4
236	NIAW 2930	10S	TR	5MR	15MS	0	15MS	4.8
237	DBW 110 (C)	10MS	TS	5MR	0	0	10MS	2.2
238	MP 3466	20S	10S	0	15MS	20MR	20S	10.0
239	MP 1320	0	TR	0	0	0	TR	0.0
240	JWS 148	TR	TS	5MR	TR	0	5MR	0.7
240. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0
241	DBW 210	TR	TR	TR	0	0	TR	0.1
242	HI 1620	20MS	TR	5MR	0	TS	20MS	3.8
243	PBW 758	10MS	TS	20MR	TR	5MR	10MS	3.8
244	UP 2950	10MS	TR	20MR	10MS	10MR	10MS	5.6
245	HS 611	20S	TR	20MR	20MS	10S	20S	10.8
246	HI 1619	40S	20S	30MS	10MS	40MS	40S	24.8
247	PBW 759	TR	TR	0	20MS	5S	20MS	4.3
248	UAS 385	30S	TS	20MS	15MS	10MR	30S	12.6
249	HD 3237	20S	5S	20MR	5MS	20MR	20S	9.0
250	WH 1199	20S	TS	20MR	5MS	20MS	20S	9.8
251	CG 1023	TS	10S	20MR	0	5MR	10S	4.2
252	DBW 211	10S	20S	30S	TR	10S	30S	14.0
253	WH 1198	40S	TS	20MR	10MR	30MS	40S	15.4
254	HD 3238	10MS	TR	5MR	0	0	10MS	2.0
255	K 1515	TR	TR	20MR	TR	5MR	20MR	2.1
256	MP 1319	TR	TS	20MR	TR	0	20MR	1.9
257	MP 1317	10MS	40S	30S	10MS	20MS	40S	20.4
258	UAS 384	TS	5S	20MR	10MS	5MS	10MS	5.2

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NIVT - 5B								
259	GW 1333	0	TR	20MR	0	0	20MR	1.6
260	HI 8789	TR	TR	5MR	0	TMR	5MR	0.6
260. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0
261	NIDW 1063	TR	TR	5MR	0	0	5MR	0.5
262	MPO 1321	TR	TR	5MR	0	5S	5S	1.5
263	HI 8793	TR	TR	5MR	0	5MR	5MR	0.9
264	HI 8792	TR	TR	5MR	0	0	5MR	0.5
265	GW 1335	10S	TR	5MR	0	TMR	10S	2.5
266	NIDW 1053	10MS	TR	10MR	0	TMS	10MS	2.6
267	RKD 302	20S	TR	5MR	0	5MR	20S	4.8
268	UAS 462	TR	TS	5MR	0	0	5MR	0.6
269	MACS 4040	20S	5S	5MR	0	5MR	20S	5.8
270	GW 1336	TR	TR	5MR	0	30MS	30MS	5.3
271	MACS 4044	60S	10S	10MR	0	20S	60S	18.8
272	GW 1334	10S	20S	10MR	0	0	20S	6.8
273	DDW 41	TR	TR	5MR	0	10MR	10MR	1.3
274	HI 8790	TR	TR	5MR	10MR	5MS	5MS	2.1
275	UAS 463	TR	TR	0	5MS	5MS	5MS	1.7
276	HI 8627 (C)	TR	TR	5MR	TR	0	5MR	0.5
277	DDW 42	TR	TS	20MS	0	40S	40S	11.4
278	MACS 4042	80S	TR	5MR	10MR	30MS	80S	22.0
279	GW 1337	TR	TS	10MR	0	40MS	40MS	7.4
280	RKD 306	TR	TR	5MR	10MR	20MR	20MR	2.9
280. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0
281	MPO 1322	TR	TR	5MR	TR	0	5MR	0.5
282	HI 8791	TR	TR	0	0	0	TR	0.1
IVT								
I. NORTHERN HILL ZONE								
283	HPW 425	10MS	TR	5MR	10MS	10MR	10MS	4.4
284	VL 2022	30S	TR	0	20MS	30S	30S	15.2
285	VL 2019	TMS	TR	0	15MS	0	15MS	2.6
286	HPW 431	TR	TR	5MR	5MS	0	5MS	1.3
287	HPW 430	TR	TR	5MR	15MS	10MR	15MS	3.7
288	UP 2953	10MR	TR	10MR	10MS	5MS	10MS	4.0
289	VL 2024	10MS	TR	0	20MS	0	20MS	4.8
290	VL 2023	20MR	TR	10MR	15MS	10MS	15MS	6.4
291	HPW 427	30S	TR	5MR	20MS	30S	30S	15.6
292	HS 616	TMR	TR	5MR	5MS	5MR	5MS	1.7
293	HS 612	0	TR	5MR	15MS	0	15MS	2.8
294	HPW 429	TR	TR	5MR	15MS	10MR	15MS	3.7
295	HPW 426	0	TR	5MR	5MS	0	5MS	1.2
296	UP 2952	10S	TR	5MR	15MS	TS	15MS	5.0
297	HS 615	TR	TR	5MR	15MS	10MR	15MS	3.7
298	HPW 428	30S	TS	20MR	20MS	30MR	30S	13.4
299	HS 613	20MS	TR	20MR	10MS	5S	20MS	7.4
300	HS 614	20S	TR	5MR	15MS	TS	20S	7.0
300. A	INFECTOR	100S	40S	80S	90S	100S	100S	82.0
301	HS 617	TR	TR	20MR	5MR	0	20MR	2.1
302	VL 907(C)	0	TR	20MR	TR	0	20MR	1.7
303	VL 2020	TR	TR	5MR	10MR	TR	10MR	1.3

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304	VL 2021	TR	TR	0	20MS	0	20MS	3.3
305	HS 618	TR	TR	5MR	TR	10MR	10MR	1.3
II. SOUTHERN HILLS ZONE								
306	HS 621	10MR	TR	5MR	5MS	10MR	5MS	2.8
307	UAS 386	10MR	TR	5MR	15MS	10MR	15MS	4.4
308	HW 1909	TR	TR	0	0	0	TR	0.1
309	HW 3658-4	0	TR	0	5MS	0	5MS	0.8
310	HW 1924	TR	TR	0	5MS	0	5MS	0.9
311	HW 5253	TR	TR	0	0	10MR	10MR	0.9
312	HW 5252	0	TR	0	0	0	TR	0.0
313	HW 3658-3	0	TR	0	0	0	TR	0.0
314	HW 1908-1	TR	TR	10MR	0	20MR	20MR	2.5
315	UAS 387	10S	TR	5MR	20S	40MS	40MS	12.8
316	NIAW 2891	TR	TR	0	0	20MR	20MR	1.7
317	HW 5249	TR	TR	5MR	0	0	5MR	0.5
318	HW 1908	10S	TS	TR	20MS	5MR	20MS	5.8
319	HS 619	20S	TR	5MR	10MS	20S	20S	10.0
320	MACS 6686	30S	TS	5MR	15MS	20S	30S	13.0
321	HS 620	TR	TR	20MR	10MR	30S	30S	8.5
321. A	INFECTOR	100S	40S	80S	80S	100S	100S	80.0