



## Introducing carrot cultivation to farmers in Ethiopia

### DanChurch Aid in cooperation with Carrot Aid 2015

Sr. No	Woreda	Farmer Ref.	Gender	Household	Already growing
			(M/F)	size (no.)	carrots (Y/N)
1	Woreilu	W <sub>1</sub>	F	5	Y
2	Woreilu	W <sub>2</sub>	F	5	Y
3	Woreilu	W <sub>3</sub>	F	5	Y
4	Woreilu	W <sub>4</sub>	M	4	Y
5	Woreilu	W <sub>5</sub>	F	4	Y
6	Woreilu	W <sub>6</sub>	F		Y
7	Woreilu	W <sub>7</sub>	F	3	Y
8	Woreilu	W <sub>8</sub>	F	4	Y
9	Woreilu	W <sub>9</sub>	M	5	Y
10	Woreilu	W <sub>10</sub>	M	5	Y
11	Woreilu	W <sub>11</sub>	M	5	Y
12	Woreilu	W <sub>12</sub>	M	6	Y
13	Woreilu	W <sub>13</sub>	M	4	Y
14	Woreilu	W <sub>14</sub>	M	5	Y
15	Woreilu	W <sub>15</sub>	F	3	Y
16	Woreilu	W <sub>16</sub>	M	5	Y
17	Woreilu	W <sub>17</sub>	M	5	Y
18	Woreilu	W <sub>18</sub>	M	4	N
19	Woreilu	W <sub>19</sub>	M	6	N
20	Woreilu	W <sub>20</sub>	M	6	Y
21	Woreilu	W <sub>21</sub>	M	4	Y
22	Woreilu	W <sub>22</sub>	M	5	Y
23	Woreilu	W <sub>23</sub>	M	5	N
24	Woreilu	W <sub>24</sub>	M	5	N
25	Woreilu	W <sub>25</sub>	M	6	N
26	Woreilu	W <sub>26</sub>	M	5	Y
27	Woreilu	W <sub>27</sub>	M	4	Y
28	Woreilu	W <sub>28</sub>	F	4	N
29	Woreilu	W <sub>29</sub>	F	4	Y
30	Woreilu	W <sub>30</sub>	F	5	N
31	Woreilu	W <sub>31</sub>	M	4	Y
32	Woreilu	W <sub>32</sub>	M	5	Y
33	Woreilu	W <sub>33</sub>	M	5	Y
34	Woreilu	W <sub>34</sub>	F	3	N
35	Woreilu	W <sub>35</sub>	M	5	Y
36	Woreilu	W <sub>36</sub>	M	5	Y
37	Woreilu	W <sub>37</sub>	M	5	Y

YS = yes, grow own seeds  
 Y = yes, do not grow own seeds  
 N = no

Sr. No	Onions	Garlic	Tomatoes	Beetroot
	(YS/Y/N)	(YS/Y/N)	(YS/Y/N)	(YS/Y/N)
1	Y	Y	Y	Y
2	Y	Y	Y	Y
3	Y	Y	Y	Y
4	Y	Y	N	N
5	Y	Y	N	N
6	Y	Y	N	N
7	Y	Y	N	N
8	Y	Y	N	N
9	Y	Y	Y	Y
10	Y	Y	Y	Y
11	Y	Y	Y	Y
12	Y	Y	Y	Y
13	Y	Y	N	N
14	Y	Y	N	N
15	Y	Y	Y	Y
16	Y	Y	Y	Y
17	Y	Y	N	N
18	Y	Y	N	N
19	Y	Y	Y	Y
20	Y	Y	Y	Y
21	Y	Y	N	N
22	Y	Y	N	N
23	Y	Y	Y	Y
24	Y	Y	N	N
25	Y	Y	N	N
26	Y	Y	Y	Y
27	Y	Y	N	N
28	Y	Y	N	N
29	Y	Y	Y	Y
30	Y	Y	N	N
31	Y	Y	Y	Y
32	Y	Y	Y	Y
33	Y	Y	Y	Y
34	Y	Y	N	N
35	Y	Y	Y	Y
36	Y	Y	Y	Y
37	Y	Y	N	N

Sr. No	geographical information						
	latitude (N) - Deg, mins		longitude (E) - Deg, mins		altitude in meters	Decimal latitude (N)	Decimal longitude
1	10	44,728	39	22,712	2788	10,745	39,379
2	10	44,727	39	22,711	2785	10,745	39,379
3	10	44,772	39	22,729	2793	10,746	39,379
4	10	44,803	39	22,724	2796	10,747	39,379
5	10	44,814	39	22,708	2796	10,747	39,378
6	10	44,827	39	22,693	2801	10,747	39,378
7	10	44,852	39	22,679	2807	10,748	39,378
8	10	44,882	39	22,692	2810	10,748	39,378
9	10	44,210	39	25,935	2745	10,737	39,432
10	10	44,164	39	25,956	2757	10,736	39,433
11	10	44,175	39	26,044	2765	10,736	39,434
12	10	44,183	39	26,047	2763	10,736	39,434
13	10	44,067	39	25,971	2747	10,734	39,433
14	10	44,079	39	25,961	2754	10,735	39,433
15	10	44,784	39	26,762	2831	10,746	39,446
16	10	45,133	39	26,762	2862	10,752	39,446
17	10	45,133	39	26,762	2862	10,752	39,446
18	10	45,913	39	25,784	2732	10,765	39,430
19	10	45,823	39	26,224	2768	10,764	39,437
20	10	44,919	39	26,117	2872	10,749	39,435
21	10	**Not taken	39	**Not taken	**Not taken	#VALUE!	#VALUE!
22	10	45,220	39	27,291	2857	10,754	39,455
23	10	45,246	39	27,292	2861	10,754	39,455
24	10	45,301	39	27,467	2836	10,755	39,458
25	10	45,233	39	27,744	2830	10,754	39,462
26	10	**Not taken	39	**Not taken	**Not taken	#VALUE!	#VALUE!
27	10	45,376	39	27,361	2822	10,756	39,456
28	10	44,594	39	25,704	2746	10,743	39,428
29	10	44,675	39	25,781	2776	10,745	39,430
30	10	47,385	39	26,907	2769	10,790	39,448
31	10	47,383	39	26,895	2774	10,790	39,448
32	10	47,393	39	26,888	2754	10,790	39,448
33	10	47,393	39	26,888	2754	10,790	39,448
34	10	47,409	39	26,906	2752	10,790	39,448
35	10	47,412	39	26,875	2758	10,790	39,448
36	10	47,416	39	26,873	2770	10,790	39,448
37	10	47,421	39	26,846	2763	10,790	39,447

38	Woreilu	W <sub>38</sub>	M	6	N
39	Woreilu	W <sub>39</sub>	M		N
40	Woreilu	W <sub>40</sub>	M	4	Y
41	Woreilu	W <sub>41</sub>	F	4	N
42	Woreilu	W <sub>42</sub>	M	4	Y
43	Woreilu	W <sub>43</sub>	M	4	Y
44	Woreilu	W <sub>44</sub>	F	4	N
45	Woreilu	W <sub>45</sub>	M	4	Y
46	Woreilu	W <sub>46</sub>	M	4	Y
47	Woreilu	W <sub>47</sub>	M	6	Y
48	Woreilu	W <sub>48</sub>	M	6	Y
49	Woreilu	W <sub>49</sub>	M	5	Y
50	Ambasel	A <sub>1</sub>	F	4	Y
51	Ambasel	A <sub>2</sub>	F	8	Y
52	Ambasel	A <sub>3</sub>	F	5	Y
53	Ambasel	A <sub>4</sub>	F	4	Y
54	Ambasel	A <sub>5</sub>	F	5	Y
55	Ambasel	A <sub>6</sub>	F	3	N
56	Ambasel	A <sub>7</sub>	F	5	N
57	Ambasel	A <sub>8</sub>	F	4	Y
58	Ambasel	A <sub>9</sub>	F	6	N
59	Ambasel	A <sub>10</sub>	F	7	N
60	Ambasel	A <sub>11</sub>	F	4	Y
61	Ambasel	A <sub>12</sub>	F	7	Y
62	Ambasel	A <sub>13</sub>	F	9	N
63	Ambasel	A <sub>14</sub>	F	5	N
64	Ambasel	A <sub>15</sub>	F	7	Y
65	Ambasel	A <sub>16</sub>	F	5	Y
66	Ambasel	A <sub>17</sub>	M	6	N
67	Ambasel	A <sub>18</sub>	F	6	N
68	Ambasel	A <sub>19</sub>	F	5	Y
69	Ambasel	A <sub>20</sub>	F	5	N
70	Ambasel	A <sub>21</sub>	F	6	Y
71	Ambasel	A <sub>22</sub>	M	6	Y
72	Ambasel	A <sub>23</sub>	F	7	N
73	Ambasel	A <sub>24</sub>	F	6	Y
74	Ambasel	A <sub>25</sub>	F	5	Y
75	Ambasel	A <sub>26</sub>	F	6	Y
76	Ambasel	A <sub>27</sub>	F	5	Y
77	Ambasel	A <sub>28</sub>	F	2	Y
78	Ambasel	A <sub>29</sub>	F	5	Y
79	Ambasel	A <sub>30</sub>	F	5	Y
80	Ambasel	A <sub>31</sub>	F	7	Y
81	Ambasel	A <sub>32</sub>	F	5	Y
82	Ambasel	A <sub>33</sub>	F	5	Y
83	Ambasel	A <sub>34</sub>	F	5	Y

38	Y	Y	N	N
39	Y	Y	N	N
40	Y	Y	N	N
41	Y	Y	N	N
42	Y	Y	N	N
43	Y	Y	Y	Y
44	Y	Y	Y	Y
45	Y	Y	N	N
46	Y	Y	N	N
47	Y	Y	N	N
48	Y	Y	N	N
49	Y	Y	Y	Y
50	N	N	N	N
51	YS	YS	N	N
52	YS	YS	N	Y
53	YS	YS	YS	N
54	YS	YS	N	N
55	N	N	N	N
56	N	N	N	N
57	YS	N	N	N
58	YS	N	YS	N
59	N	N	N	N
60	YS	YS	YS	Y
61	YS	YS	Y	Y
62	N	N	N	N
63	N	N	N	N
64	N	N	N	N
65	YS	N	Y	Y
66	YS	N	N	N
67	Y	N	Y	N
68	YS	N	Y	N
69	N	N	N	N
70	Y	YS	Y	Y
71	Y	Y	Y	Y
72	N	YS	N	N
73	YS	YS	Y	Y
74	Y	YS	N	N
75	YS	N	YS	N
76	YS	N	YS	N
77	YS	N	YS	N
78	YS	YS	YS	Y
79	YS	N	YS	N
80	YS	N	YS	N
81	YS	N	YS	N
82	YS	YS	YS	Y
83	YS	YS	YS	Y

38	10	47,421	39	26,816	2762	10,790	39,447
39	10	47,421	39	26,816	2762	10,790	39,447
40	10	47,412	39	26,805	2760	10,790	39,447
41	10	47,495	39	26,919	2760	10,792	39,449
42	10	47,493	39	26,925	2762	10,792	39,449
43	10	47,493	39	26,925	2762	10,792	39,449
44	10	47,435	39	26,869	2751	10,791	39,448
45	10	47,444	39	26,876	2747	10,791	39,448
46	10	47,444	39	26,876	2747	10,791	39,448
47	10	47,475	39	26,924	2759	10,791	39,449
48	10	47,475	39	26,924	2759	10,791	39,449
49	10	47,495	39	26,913	2763	10,792	39,449
50	11	22,320	39	32,540	2903	11,372	39,542
51	11	22,520	39	32,440	2887	11,375	39,541
52	11	22,520	39	32,030	2833	11,375	39,534
53	11	22,480	39	32,110	2843	11,375	39,535
54	11	22,310	39	32,220	2802	11,372	39,537
55	11	22,520	39	31,980	2829	11,375	39,533
56	11	22,550	39	31,980	2836	11,376	39,533
57	11	17,752	39	35,478	2631	11,296	39,591
58	11	17,805	39	35,454	2698	11,297	39,591
59	11	17,844	39	35,452	2620	11,297	39,591
60	11	17,764	39	35,342	2652	11,296	39,589
61	11	17,556	39	35,529	2635	11,293	39,592
62	11	17,565	39	35,575	2630	11,293	39,593
63	11	17,987	39	35,780	2740	11,300	39,596
64	11	18,069	39	35,744	2741	11,301	39,596
65	11	18,579	39	35,363	2664	11,310	39,589
66	11	19,674	39	35,962	2402	11,328	39,599
67	11	19,497	39	36,012	2366	11,325	39,600
68	11	18,572	39	35,381	2661	11,310	39,590
69	11	17,981	39	35,741	2738	11,300	39,596
70	11	18,523	39	36,008	2643	11,309	39,600
71	11	17,914	39	36,234	2573	11,299	39,604
72	11	17,889	39	38,218	2477	11,298	39,637
73	11	17,901	39	36,668	2463	11,298	39,611
74	11	19,518	39	36,690	2233	11,325	39,612
75	11	23,152	39	34,574	2314	11,386	39,576
76	11	23,140	39	34,518	2319	11,386	39,575
77	11	23,117	39	34,580	2315	11,385	39,576
78	11	23,067	39	34,811	2296	11,384	39,580
79	11	22,935	39	34,831	2327	11,382	39,581
80	11	22,974	39	34,882	2308	11,383	39,581
81	11	22,809	39	35,151	2328	11,380	39,586
82	11	22,899	39	35,200	2301	11,382	39,587
83	11	22,836	39	35,282	2317	11,381	39,588

84	Ambasel	A <sub>35</sub>	F	4	Y
85	Ambasel	A <sub>36</sub>	F	4	Y
86	Ambasel	A <sub>37</sub>	F	6	Y
87	Ambasel	A <sub>38</sub>	F	4	Y
88	Ambasel	A <sub>39</sub>	F	2	Y
89	Ambasel	A <sub>40</sub>	F	4	Y
90	Ambasel	A <sub>41</sub>	F	3	Y
91	Ambasel	A <sub>42</sub>	F	4	Y
92	Ambasel	A <sub>43</sub>	F	4	Y
93	Ambasel	A <sub>44</sub>	F	4	Y
94	Ambasel	A <sub>45</sub>	F	5	Y
95	Ambasel	A <sub>46</sub>	F	4	Y
96	Ambasel	A <sub>47</sub>	F	5	Y
97	Ambasel	A <sub>48</sub>	F	5	Y
98	Ambasel	A <sub>49</sub>	F	5	Y
99	Ambasel	A <sub>50</sub>	F	5	S
100	Ambasel	A <sub>51</sub>	F	6	N
101	Ambasel	A <sub>52</sub>	F	4	N
102	Ambasel	A <sub>53</sub>	M	5	N
103	Ambasel	A <sub>54</sub>	F	7	N
104	Ambasel	A <sub>55</sub>	F	4	Y
105	Ambasel	A <sub>56</sub>	F	7	Y
106	Ambasel	A <sub>57</sub>	F	6	N
107	Ambasel	A <sub>58</sub>	M	5	N
108	Ambasel	A <sub>59</sub>	F	7	N
109	Ambasel	A <sub>60</sub>	M	1	Y
110	Ambasel	A <sub>61</sub>	F	4	N
111	Ambasel	A <sub>62</sub>	F	5	N
112	Ambasel	A <sub>63</sub>	F	4	N
113	Ambasel	A <sub>64</sub>	F	4	N
114	Ambasel	A <sub>65</sub>	F	1	N
115	Ambasel	A <sub>66</sub>	F	2	N
116	Dehana	D <sub>1</sub>	F		Y
117	Dehana	D <sub>2</sub>	F		Y
118	Dehana	D <sub>3</sub>	F		Y
119	Dehana	D <sub>4</sub>	F	6	Y
120	Dehana	D <sub>5</sub>	F	7	Y
121	Dehana	D <sub>6</sub>	F	7	Y
122	Dehana	D <sub>7</sub>	F	4	Y
123	Dehana	D <sub>8</sub>	F	7	Y
124	Dehana	D <sub>9</sub>	F	2	Y
125	Dehana	D <sub>10</sub>	F		Y
126	Dehana	D <sub>11</sub>	F		Y
127	Dehana	D <sub>12</sub>	F	8	Y
128	Dehana	D <sub>13</sub>	F		Y
129	Dehana	D <sub>14</sub>	F		Y

84	YS	N	YS	N
85	YS	N	YS	Y
86	YS	N	YS	N
87	YS	N	YS	N
88	YS	N	YS	Y
89	YS	N	YS	N
90	YS	YS	YS	Y
91	YS	N	YS	N
92	N	N	YS	N
93	YS	N	YS	N
94	YS	N	YS	N
95	YS	YS	YS	N
96	YS	N	YS	N
97	YS	YS	YS	N
98	YS	YS	YS	N
99	YS	N	YS	N
100	N	N	N	N
101	N	N	N	N
102	N	N	N	N
103	YS	YS	N	N
104	YS	YS	N	N
105	YS	YS	N	N
106	N	N	N	N
107	N	N	N	N
108	N	N	N	N
109	N	YS	N	N
110	N	N	N	N
111	YS	YS	N	N
112	N	N	N	N
113	N	N	N	N
114	N	YS	N	N
115	N	N	N	N
116	N	YS	YS	N
117	N	YS	YS	N
118	N	YS	N	N
119	N	YS	YS	N
120	N	YS	N	N
121	N	YS	N	N
122	N	YS	YS	N
123	N	YS	N	N
124	N	YS	N	N
125	N	YS	YS	N
126	N	YS	N	N
127	N	YS	N	N
128	N	YS	YS	N
129	N	YS	N	N



84	11	22,815	39	35,319	2317	11,380	39,589
85	11	22,810	39	35,323	2316	11,380	39,589
86	11	22,786	39	35,238	2325	11,380	39,587
87	11	22,823	39	35,414	2325	11,380	39,590
88	11	22,827	39	35,414	2324	11,380	39,590
89	11	22,743	39	35,555	2333	11,379	39,593
90	11	22,616	39	35,880	2358	11,377	39,598
91	11	23,481	39	34,798	2316	11,391	39,580
92	11	23,520	39	34,758	2320	11,392	39,579
93	11	23,961	39	34,750	2358	11,399	39,579
94	11	23,490	39	34,700	2300	11,392	39,578
95	11	23,507	39	34,620	2264	11,392	39,577
96	11	23,492	39	34,927	2340	11,392	39,582
97	11	23,201	39	34,963	2293	11,387	39,583
98	11	23,159	39	35,000	2301	11,386	39,583
99	11	23,149	39	34,989	2298	11,386	39,583
100	11	19,446	39	36,544	2207	11,324	39,609
101	11	18,758	39	35,623	2706	11,313	39,594
102	11	18,502	39	35,891	2700	11,308	39,598
103	11	18,324	39	36,166	2668	11,305	39,603
104	11	18,600	39	36,157	2611	11,310	39,603
105	11	18,679	39	36,175	2598	11,311	39,603
106	11	18,724	39	36,221	2582	11,312	39,604
107	11	18,713	39	36,168	2590	11,312	39,603
108	11	18,838	39	35,873	2603	11,314	39,598
109	11	18,835	39	35,869	2603	11,314	39,598
110	11	18,882	39	35,887	2603	11,315	39,598
111	11	18,957	39	35,770	2633	11,316	39,596
112	11	18,704	39	35,537	2702	11,312	39,592
113	11	18,708	39	35,547	2696	11,312	39,592
114	11	18,963	39	35,476	2750	11,316	39,591
115	11	18,956	39	35,473	2750	11,316	39,591
116	12	75,226	38	56,320	2117	13,254	38,939
117	12	74,915	38	58,530	2099	13,249	38,976
118	12	75,018	38	57,620	2114	13,250	38,960
119	12	75,026	38	57,620	2115	13,250	38,960
120	12	75,101	38	56,340	2140	13,252	38,939
121	12	75,327	38	55,610	2127	13,255	38,927
122	12	75,432	38	54,930	2145	13,257	38,916
123	12	74,907	38	58,610	2012	13,248	38,977
124	12	75,026	38	56,320	2117	13,250	38,939
125	12	74,299	38	51,220	2075	13,238	38,854
126	12	74,285	38	51,190	2075	13,238	38,853
127	12	74,322	38	50,890	2071	13,239	38,848
128	12	74,178	38	51,330	2062	13,236	38,856
129	12	74,911	38	59,290	2095	13,249	38,988

130	Dehana	D <sub>15</sub>	F		Y
131	Dehana	D <sub>16</sub>	F		Y
132	Dehana	D <sub>17</sub>	F		Y
133	Dehana	D <sub>18</sub>	F	7	Y
134	Dehana	D <sub>19</sub>	F	4	Y
135	Dehana	D <sub>20</sub>	F	6	Y
136	Dehana	D <sub>21</sub>	F	5	Y
137	Dehana	D <sub>22</sub>	F	5	Y
138	Dehana	D <sub>23</sub>	F	5	Y
139	Dehana	D <sub>24</sub>	F	4	Y
140	Dehana	D <sub>25</sub>	F	5	Y
141	Dehana	D <sub>26</sub>	F	6	Y
142	Dehana	D <sub>27</sub>	F	3	Y
143	Dehana	D <sub>28</sub>	F	4	Y
144	Dehana	D <sub>29</sub>	F	2	Y
145	Dehana	D <sub>30</sub>	M	8	Y
146	Dehana	D <sub>31</sub>	M	8	Y
147	Dehana	D <sub>32</sub>	F	5	Y
148	Dehana	D <sub>33</sub>	M	5	Y
149	Dehana	D <sub>34</sub>	M	8	Y
150	Dehana	D <sub>35</sub>	F	8	Y
151	Dehana	D <sub>36</sub>	M	6	Y
152	Dehana	D <sub>37</sub>	F	8	Y
153	Dehana	D <sub>38</sub>	M	6	Y
154	Dehana	D <sub>39</sub>	M	5	Y
155	Dehana	D <sub>40</sub>	M	8	Y
156	Dehana	D <sub>41</sub>	M	6	Y
157	Dehana	D <sub>42</sub>	M	5	Y
158	Dehana	D <sub>43</sub>	M	7	Y
159	Dehana	D <sub>44</sub>	M	6	Y
160	Dehana	D <sub>45</sub>	F	6	Y
161	Dehana	D <sub>46</sub>	M	8	Y
162	Dehana	D <sub>47</sub>	M	6	Y
163	Dehana	D <sub>48</sub>	M	6	Y
164	Dehana	D <sub>49</sub>	F	8	Y
165	Dehana	D <sub>50</sub>	M	6	Y
166	Dehana	D <sub>51</sub>	M	6	Y
167	Dehana	D <sub>52</sub>	M	7	Y
168	Dehana	D <sub>53</sub>	M	6	Y
169	Dehana	D <sub>54</sub>	M	9	Y

130	N	YS	N	N
131	N	YS	YS	N
132	YS	Y	YS	N
133	YS	Y	YS	N
134	N	Y	YS	N
135	YS	Y	YS	N
136	YS	Y	YS	N
137	N	Y	YS	N
138	N	Y	YS	N
139	YS	Y	YS	N
140	YS	Y	YS	N
141	N	Y	YS	N
142	N	Y	YS	N
143	N	Y	YS	N
144	YS	Y	YS	N
145	YS	Y	YS	N
146	YS	Y	YS	N
147	N	Y	YS	N
148	YS	Y	YS	N
149	YS	Y	YS	N
150	YS	Y	YS	N
151	YS	Y	YS	N
152	YS	Y	YS	N
153	YS	Y	YS	N
154	YS	Y	YS	N
155	YS	Y	YS	N
156	N	Y	YS	N
157	YS	Y	YS	N
158	YS	Y	YS	N
159	YS	Y	YS	N
160	YS	Y	YS	N
161	YS	Y	YS	N
162	YS	Y	YS	N
163	YS	Y	YS	N
164	YS	Y	YS	N
165	YS	Y	YS	N
166	YS	Y	YS	N
167	YS	Y	YS	N
168	YS	Y	YS	N
169	YS	Y	YS	N

130	12	74,942	38	58,630	2089	13,249	38,977
131	12	75,480	38	27,340	2313	13,258	38,456
132	12	80,215	38	23,430	2319	13,337	38,391
133	12	80,164	38	21,490	2330	13,336	38,358
134	12	80,040	38	21,100	2347	13,334	38,352
135	12	79,585	38	26,070	2246	13,326	38,435
136	12	79,596	38	25,670	2260	13,327	38,428
137	12	79,842	38	15,810	2461	13,331	38,264
138	12	79,833	38	16,000	2463	13,331	38,267
139	12	79,851	38	15,900	2463	13,331	38,265
140	12	80,632	38	96,590	2396	13,344	39,610
141	12	80,638	38	96,590	2399	13,344	39,610
142	12	80,626	38	96,760	2397	13,344	39,613
143	12	80,138	38	6,150	2299	13,336	38,103
144	12	80,202	38	5,340	2293	13,337	38,089
145	12	81,479	38	10,320	2059	13,358	38,172
146	12	81,543	38	10,070	2059	13,359	38,168
147	12	78,201	38	90,810	2411	13,303	39,514
148	12	79,610	38	97,720	2441	13,327	39,629
149	12	79,629	38	91,270	2357	13,327	39,521
150	12	79,445	38	14,090	2453	13,324	38,235
151	12	77,453	38	9,380	3033	13,291	38,156
152	12	74,073	38	82,410	2539	13,235	39,374
153	12	73,989	38	75,630	2542	13,233	39,261
154	12	73,979	38	75,260	2541	13,233	39,254
155	12	74,529	38	75,680	2588	13,242	39,261
156	12	74,551	38	78,640	2555	13,243	39,311
157	12	73,989	38	75,400	2543	13,233	39,257
158	12	73,981	38	75,510	2543	13,233	39,259
159	12	73,993	38	75,840	2543	13,233	39,264
160	12	73,929	38	95,530	2551	13,232	39,592
161	12	74,036	38	95,250	2561	13,234	39,588
162	12	74,312	38	89,930	2555	13,239	39,499
163	12	74,256	38	88,030	2554	13,238	39,467
164	12	72,780	38	50,670	2514	13,213	38,845
165	12	71,972	38	99,750	2111	13,200	39,663
166	12	71,762	38	98,710	2089	13,196	39,645
167	12	74,142	38	7,500	2068	13,236	38,125
168	12	74,138	38	7,650	2071	13,236	38,128
169	12	74,182	38	6,940	2035	13,236	38,116