Summary of data

Prep data

7

8

ML9 15.676 19.136

11.467 8.023

NF6

```
dat <- read.csv("dittes_data.csv")</pre>
dat <- dat[ !dat$habitat == 2, ] # drop habitat=32</pre>
Make a dplyr tbl_df object
library('dplyr')
Attaching package: 'dplyr'
The following objects are masked from 'package:stats':
   filter, lag
The following objects are masked from 'package:base':
   intersect, setdiff, setequal, union
dat_df <- tbl_df(dat)</pre>
Define function to get quick summary by factor variable
avg_by <- function(...){</pre>
 dat_df %>%
   group_by(...) %>%
   summarise(rdm_mean = mean(rdm, na.rm = TRUE),
             rdm_sd = sd(rdm, na.rm = TRUE),
             rdm_n = length(na.omit(rdm)))
by transect
avg_by(transect)
Source: local data frame [12 x 4]
   transect rdm_mean rdm_sd rdm_n
1
      AD10 13.464 11.425
2
      AD11
            18.476 18.032
                             85
3
      AD12 24.394 62.317
                             85
4
       AL1
             9.419 7.072
                             80
5
       BK5
              8.400 6.887
                             70
6
       BL7
             16.776 16.636
                             85
```

85

```
9
        NV8
              12.461 11.599
                               85
10
              10.693 6.775
                               75
        PK2
11
               7.255 6.864
                               85
        PL3
12
        PL4
               7.518 5.031
                               85
```

by year

avg_by(year)

Source: local data frame [10 x 4]

```
year rdm_mean rdm_sd rdm_n
         26.425 77.092
1 1997
2 1998
        18.875 18.395
                         60
3 1999
        20.240 19.207
                         50
4 2000 12.676 10.337
                        110
5 2001
       15.217 9.473
                        120
6 2002
        10.558 7.694
                        120
7 2003
         7.277 4.077
                        110
8 2004
        8.871 5.321
                        120
9 2005
         17.118 13.261
                        110
10 2014
         7.450 6.253
                        119
```

by soil type

avg_by(soil)

Source: local data frame [9 x 4]

```
soil rdm_mean rdm_sd rdm_n
        10.693
   Кc
                 6.775
                         75
        16.837 13.170
2 SuD
                         46
        13.256
3 TfD
                 9.678
                         41
4 TgD
        14.725 16.469
                        257
        40.017 103.077
5
  TgE
                         30
6 ThE
        15.268 13.511
                         200
7 ToE
        9.650
                 3.866
                         10
8 TuB
         7.682
                 6.275
                        240
9 Txc
         9.419
                 7.072
                         80
```

by slope_class

avg_by(slope_class)

Source: local data frame [4 x 4]

by landform

avg_by(landform)

```
Source: local data frame [3 x 4]
```

```
landform rdm_mean rdm_sd rdm_n
1 Foothill 16.903 31.292 424
2 Frontslope 14.287 13.537 160
3 Plains 8.606 6.634 395
```

by landform

avg_by(landform)

```
Source: local data frame [3 x 4]
```

```
landform rdm_mean rdm_sd rdm_n
1 Foothill 16.903 31.292 424
2 Frontslope 14.287 13.537 160
3 Plains 8.606 6.634 395
```

by habitat

avg_by(habitat)

Source: local data frame [2 x 4]

```
habitat rdm_mean rdm_sd rdm_n
1 1 12.35 24.24 700
2 3 15.08 15.05 279
```

All combinators of factors

avg_by(transect, year, soil, slope_class, landform, habitat) %% data.frame

	transect	vear	soil	slope_class	landform	habitat	rdm mean	rdm_sd
1		1997	SuD	2	Foothill	1	8.000	_ NA
2	AD10	1997	SuD	3	Foothill	3	5.250	5.3033
3	AD10	1997	ThE	1	Foothill	3	35.000	11.3137
4	AD10	1997	ThE	3	Foothill	1	NaN	NaN
5	AD10	1997	ThE	3	Foothill	3	NaN	NaN
6	AD10	1998	SuD	2	Foothill	1	8.000	NA
7	AD10	1998	SuD	3	Foothill	3	14.250	3.1820
8	AD10	1998	ThE	1	Foothill	3	52.250	25.8094
9	AD10	1998	ThE	3	Foothill	1	NaN	NaN
10	AD10	1998	ThE	3	Foothill	3	NaN	NaN
11	AD10	1999	SuD	2	Foothill	1	5.500	NA
12	AD10	1999	SuD	3	Foothill	3	10.000	2.1213
13	AD10	1999	ThE	1	Foothill	3	17.250	9.5459
14	AD10	1999	ThE	3	Foothill	1	NaN	NaN

15	AD10	1999	ThE	3	Foothill	3	NaN	NaN
16	AD10		SuD	2	Foothill	1	13.750	15.2028
17	AD10		SuD	3	Foothill	3	22.500	21.9203
18	AD10		ThE	1	Foothill	3	9.750	11.6673
19	AD10		ThE	3	Foothill	1	14.500	7.7782
20	AD10	2000	ThE	3	Foothill	3	14.000	5.6569
21	AD10	2001	SuD	2	Foothill	1	20.500	12.0208
22	AD10	2001	SuD	3	Foothill	3	11.500	7.7782
23	AD10	2001	ThE	1	Foothill	3	4.500	3.5355
24	AD10	2001	ThE	3	Foothill	1	13.500	9.1924
25	AD10	2001	ThE	3	Foothill	3	4.500	2.1213
26	AD10	2002	SuD	2	Foothill	1	10.750	7.4246
27	AD10	2002	SuD	3	Foothill	3	10.000	9.8995
28	AD10	2002	ThE	1	Foothill	3	11.500	12.0208
29	AD10	2002	ThE	3	Foothill	1	17.000	11.3137
30	AD10	2002	ThE	3	Foothill	3	16.000	4.2426
31	AD10	2003	SuD	2	Foothill	1	6.250	8.1317
32	AD10	2003	SuD	3	Foothill	3	6.000	2.8284
33	AD10	2003	ThE	1	Foothill	3	6.500	2.1213
34	AD10	2003	ThE	3	Foothill	1	3.250	1.0607
35	AD10	2003	ThE	3	Foothill	3	4.500	4.9497
36	AD10	2004	SuD	2	Foothill	1	10.750	3.8891
37	AD10	2004	SuD	3	Foothill	3	6.250	2.4749
38	AD10	2004	ThE	1	Foothill	3	4.000	2.8284
39	AD10		ThE	3	Foothill	1	9.000	4.2426
40	AD10		ThE	3	Foothill	3	7.500	3.5355
41	AD10		SuD	2	Foothill	1	20.000	7.0711
42	AD10		SuD	3	Foothill	3	33.500	20.5061
43	AD10		ThE	1	Foothill	3	4.000	4.2426
44	AD10		ThE	3	Foothill	1	20.000	7.0711
45	AD10		ThE	3	Foothill	3	17.500	10.6066
46	AD10		SuD	2	Foothill	1	15.000	NA
47	AD10		SuD	3	Foothill	3	9.750	2.4749
48	AD10		ThE	1	Foothill	3	21.250	0.3536
49	AD10		ThE	3	Foothill	1	13.750	2.4749
50	AD10		ThE	3	Foothill	3	15.250	0.3536
51	AD11		TgD	1	Foothill	1	26.000	NA
52	AD11		TgD	1	Foothill	3	7.500	NA
53		1997	TgD	2	Foothill	3	NaN	NaN
54		1997	TgD	3	Foothill	3	NaN	NaN
5 5		1997	ThE	1	Foothill	3	50.250	44.1942
56		1997	ThE	2	Foothill	3	89.000	NA
57		1998	TgD	1	Foothill	1	20.500	NA
5 <i>1</i> 58		1998	TgD	1	Foothill	3	46.500	NA NA
56 59		1998		2	Foothill	3	NaN	NaN
60		1998	TgD	3	Foothill	3	NaN	NaN
61		1998	TgD	1	Foothill	3	21.750	1.7678
			ThE					
62 63		1998	ThE	2	Foothill	3	20.000	NA NA
63		1999	TgD	1	Foothill	1	97.500	NA NA
64 65		1999	TgD	1	Foothill	3	25.000	NA No N
65 66		1999	TgD	2	Foothill	3	NaN NaN	NaN NaN
66 67		1999	TgD	3	Foothill	3	NaN	NaN
67		1999	ThE	1	Foothill	3	41.500	14.8492
68	AD11	1999	ThE	2	Foothill	3	18.000	NA

69	AD11 2000	TgD	1	Foothill	1	14.000	NA
70	AD11 2000	TgD	1	Foothill	3	24.500	7.7782
71	AD11 2000	TgD	2	Foothill	3	30.000	1.4142
72	AD11 2000	TgD	3	Foothill	3	18.000	16.9706
73	AD11 2000	ThE	1	Foothill	3	30.000	33.9411
74	AD11 2000	ThE	2	Foothill	3	37.500	NA
75	AD11 2001	TgD	1	Foothill	1	43.000	NA
76	AD11 2001	TgD	1	Foothill	3	22.500	0.7071
77	AD11 2001	TgD	2	Foothill	3	21.000	4.2426
78	AD11 2001	TgD	3	Foothill	3	31.000	1.4142
79	AD11 2001	ThE	1	Foothill	3	20.000	16.9706
80	AD11 2001	ThE	2	Foothill	3	24.000	NA
81	AD11 2002	TgD	1	Foothill	1	16.000	NA
82	AD11 2002	TgD	1	Foothill	3	16.000	7.0711
83	AD11 2002	TgD	2	Foothill	3	18.500	9.1924
84	AD11 2002	TgD	3	Foothill	3	12.500	3.5355
85	AD11 2002	ThE	1	Foothill	3	12.500	7.7782
86	AD11 2002	ThE	2	Foothill	3	18.000	NA
87	AD11 2003	TgD	1	Foothill	1	6.000	NA
88	AD11 2003	TgD	1	Foothill	3	3.500	4.9497
89	AD11 2003	TgD	2	Foothill	3	3.000	0.0000
90	AD11 2003	TgD	3	Foothill	3	3.250	1.0607
91	AD11 2003	ThE	1	Foothill	3	8.500	4.9497
92	AD11 2003	ThE	2	Foothill	3	5.000	NA
93	AD11 2004	TgD	1	Foothill	1	8.000	NA
94	AD11 2004	TgD	1	Foothill	3	12.500	10.6066
95	AD11 2004	TgD	2	Foothill	3	7.500	3.5355
96	AD11 2004	TgD	3	Foothill	3	11.500	9.1924
97	AD11 2004	ThE	1	Foothill	3	18.000	2.8284
98	AD11 2004	ThE	2	Foothill	3	9.000	NA
99	AD11 2005	TgD	1	Foothill	1	12.000	NA
100	AD11 2005 AD11 2005	TgD	1	Foothill	3	16.000	5.6569
101	AD11 2005 AD11 2005	TgD	2	Foothill	3	9.000	1.4142
101	AD11 2005 AD11 2005		3		3		0.7071
	AD11 2005 AD11 2005	TgD	1	Foothill	3	8.500	
103	AD11 2005 AD11 2005	ThE	2	Foothill		6.000	0.0000
104		ThE		Foothill	3	28.000	NA
105	AD11 2014	TgD	1	Foothill	1	2.000	NA O 1013
106	AD11 2014	TgD	1	Foothill	3	4.000	2.1213
107	AD11 2014	TgD	2	Foothill	3	6.250	1.0607
108	AD11 2014	TgD	3	Foothill	3	3.250	1.7678
109	AD11 2014	ThE	1	Foothill	3	5.000	0.7071
110	AD11 2014	ThE	2	Foothill	3	6.500	NA
111	AD12 1997	SuD	3	Foothill	1	44.000	NA
112	AD12 1997	TgE	2	Foothill	1	8.000	NA
113	AD12 1997	TgE	3	Foothill	1		373.3524
114	AD12 1997	ThE	3	Foothill	1	NaN	NaN
115	AD12 1997	ThE	3	Foothill	3	NaN	NaN
116	AD12 1997	ToE	3	Foothill	1	6.000	NA
117	AD12 1998	SuD	3	Foothill	1	28.000	NA
118	AD12 1998	TgE	2	Foothill	1	33.500	NA
119	AD12 1998	TgE	3	Foothill	1	15.250	9.5459
120	AD12 1998	ThE	3	Foothill	1	NaN	NaN
121	AD12 1998	ThE	3	Foothill	3	NaN	NaN
122	AD12 1998	ToE	3	Foothill	1	16.500	NA

123	AD12 1999		3	Foothill	1	26.000	NA
124	AD12 1999	_	2	Foothill	1	15.000	NA
125	AD12 1999	_	3	Foothill	1	40.750	30.0520
126	AD12 1999		3	Foothill	1	NaN	NaN
127	AD12 1999		3	Foothill	3	NaN	NaN
128	AD12 1999		3	Foothill	1	9.000	NA
129	AD12 2000		3	Foothill	1	38.000	NA
130	AD12 2000	_	2	Foothill	1	16.000	NA
131	AD12 2000	_	3	Foothill	1	23.000	4.2426
132	AD12 2000		3	Foothill	1	13.667	5.5076
133	AD12 2000		3	Foothill	3	26.000	2.8284
134	AD12 2000		3	Foothill	1	5.000	NA
135	AD12 2001		3	Foothill	1	40.000	NA
136	AD12 2001	_	2	Foothill	1	20.000	NA
137	AD12 2001	_	3	Foothill	1	23.000	4.2426
138	AD12 2001		3	Foothill	1	23.000	3.0000
139	AD12 2001		3	Foothill	3	4.500	0.7071
140	AD12 2001		3	Foothill	1	5.000	NA
141	AD12 2002	SuD	3	Foothill	1	44.000	NA
142	AD12 2002	TgE	2	Foothill	1	18.000	NA
143	AD12 2002	TgE	3	Foothill	1	17.000	1.4142
144	AD12 2002	ThE	3	Foothill	1	11.333	2.5166
145	AD12 2002	ThE	3	Foothill	3	7.500	3.5355
146	AD12 2002	ToE	3	Foothill	1	11.000	NA
147	AD12 2003	SuD	3	Foothill	1	24.500	NA
148	AD12 2003	TgE	2	Foothill	1	11.000	NA
149	AD12 2003	TgE	3	Foothill	1	10.000	5.6569
150	AD12 2003	ThE	3	Foothill	1	8.000	1.0000
151	AD12 2003	ThE	3	Foothill	3	5.000	2.8284
152	AD12 2003	ToE	3	Foothill	1	7.000	NA
153	AD12 2004	SuD	3	Foothill	1	10.000	NA
154	AD12 2004	TgE	2	Foothill	1	1.000	NA
155	AD12 2004	TgE	3	Foothill	1	13.000	2.8284
156	AD12 2004	ThE	3	Foothill	1	7.333	3.0551
157	AD12 2004	ThE	3	Foothill	3	13.500	2.1213
158	AD12 2004	ToE	3	Foothill	1	12.000	NA
159	AD12 2005	SuD	3	Foothill	1	47.000	NA
160	AD12 2005	TgE	2	Foothill	1	33.500	NA
161	AD12 2005	TgE	3	Foothill	1	49.000	11.3137
162	AD12 2005	ThE	3	Foothill	1	15.000	5.0000
163	AD12 2005	ThE	3	Foothill	3	27.500	3.5355
164	AD12 2005	ToE	3	Foothill	1	12.500	NA
165	AD12 2014	SuD	3	Foothill	1	14.500	NA
166	AD12 2014	TgE	2	Foothill	1	15.000	NA
167	AD12 2014	TgE	3	Foothill	1	7.750	7.4246
168	AD12 2014	ThE	3	Foothill	1	10.500	8.8882
169	AD12 2014	ThE	3	Foothill	3	13.000	6.3640
170	AD12 2014	ToE	3	Foothill	1	12.500	NA
171	AL1 1997	Txc	1	Plains	1	2.750	1.7678
172	AL1 1997	Txc	2	Plains	1	13.000	12.9711
173	AL1 1998	Txc	1	Plains	1	4.500	0.0000
174	AL1 1998	Txc	2	Plains	1	14.167	5.7951
175	AL1 1999	Txc	1	Plains	1	NaN	NaN
176	AL1 1999	Txc	2	Plains	1	NaN	NaN

177	AL1 2000	Txc	1	Plains	1	6.500	3.5355
178	AL1 2000	Txc	2	Plains	1	6.438	2.3970
179	AL1 2001	Txc	1	Plains	1	4.500	2.1213
180	AL1 2001	Txc	2	Plains	1	9.000	2.6186
181	AL1 2002	Txc	1	Plains	1	5.500	2.1213
182	AL1 2002	Txc	2	Plains	1	14.000	6.0945
183	AL1 2003	Txc	1	Plains	1	4.500	0.7071
184	AL1 2003	Txc	2	Plains	1	8.500	1.3093
185	AL1 2004	Txc	1	Plains	1	2.500	2.1213
186	AL1 2004	Txc	2	Plains	1	10.750	7.3824
187	AL1 2005	Txc	1	Plains	1	17.750	7.4246
188	AL1 2005	Txc	2	Plains	1	18.250	10.9642
189	AL1 2014	Txc	1	Plains	1	8.000	2.8284
190	AL1 2014	Txc	2	Plains	1	2.938	1.8213
191	BK5 1997	TuB	1	Plains	1	6.500	6.4711
192	BK5 1998	TuB	1	Plains	1	11.500	3.1024
193	BK5 1999	TuB	1	Plains	1	NaN	NaN
194	BK5 2000	TuB	1	Plains	1	NaN	NaN
195	BK5 2001	TuB	1	Plains	1	11.050	3.3784
196	BK5 2002	TuB	1	Plains	1	6.150	7.7998
197	BK5 2003	TuB	1	Plains	1	7.950	8.5325
198	BK5 2004	TuB	1	Plains	1	8.300	7.8181
199	BK5 2005	TuB	1	Plains	1	13.800	6.2503
200	BK5 2014	TuB	1	Plains	1	2.550	2.0062
201	BL7 1997	TgD	2	Frontslope	1	7.000	NA
202	BL7 1997	TgD	2	Frontslope	3	NaN	NaN
203	BL7 1997	TgD	3	Frontslope	1	18.000	14.6913
204	BL7 1998	TgD	2	Frontslope	1	33.500	NA
205	BL7 1998	TgD	2	Frontslope	3	NaN	NaN
206	BL7 1998	TgD	3	Frontslope	1	36.500	49.6404
207	BL7 1999	TgD	2	Frontslope	1	19.000	NA
208	BL7 1999	TgD	2	Frontslope	3	NaN	NaN
209	BL7 1999	TgD	3	Frontslope	1	15.125	9.3930
210	BL7 2000	TgD	2	Frontslope	1	18.250	2.3629
211	BL7 2000	TgD	2	Frontslope	3	26.500	4.9497
212	BL7 2000	TgD	3	Frontslope	1	17.375	13.8827
213	BL7 2001	TgD	2	Frontslope	1	20.500	9.0370
214	BL7 2001	TgD	2	Frontslope	3	12.500	10.6066
215	BL7 2001	TgD	3	Frontslope	1	14.250	9.2871
216	BL7 2002	TgD	2	Frontslope	1	15.875	3.0104
217	BL7 2002	TgD		Frontslope	3	11.000	6.3640
218	BL7 2002	TgD		Frontslope	1	15.750	6.4485
219	BL7 2003	TgD		Frontslope	1	8.750	1.5000
220	BL7 2003	TgD		Frontslope	3	7.500	0.7071
221	BL7 2003	TgD		Frontslope	1	8.250	5.1881
222	BL7 2004	TgD		Frontslope	1	7.750	3.0957
223	BL7 2004	TgD		Frontslope	3	8.000	2.8284
224	BL7 2004	TgD		Frontslope	1	8.875	4.9728
225	BL7 2005	TgD		Frontslope	1	28.000	28.1425
226	BL7 2005	TgD		Frontslope	3	9.000	1.4142
227	BL7 2005	TgD		Frontslope	1	46.375	19.8888
228	BL7 2014	TgD		Frontslope	1	3.375	0.9465
229	BL7 2014	TgD		Frontslope	3	12.750	2.4749
230	BL7 2014	TgD		Frontslope	1	15.000	18.7617
	·	S	-		_		

004	WT 0 4007	m cD				37 37	37.4
231	ML9 1997	TfD	1	Foothill	1	NaN	NA 4 0406
232	ML9 1997	TfD	1	Foothill	3	21.000	4.2426
233	ML9 1997	TgD	1	Foothill	1	14.000	NA
234	ML9 1997	TgD	1	Foothill	3	85.750	101.4698
235	ML9 1998	TfD	1	Foothill	1	NaN	NA
236	ML9 1998	TfD	1	Foothill	3	15.250	6.0104
237	ML9 1998	TgD	1	Foothill	1	49.000	NA
238	ML9 1998	TgD	1	Foothill	3	12.750	8.8388
239	ML9 1999	TfD	1	Foothill	1	NaN	NA
240	ML9 1999	TfD	1	Foothill	3	18.250	7.4246
241	ML9 1999	TgD	1	Foothill	1	16.500	NA
242	ML9 1999	TgD	1	Foothill	3	50.750	7.4246
243	ML9 2000	TfD	1	Foothill	1	14.000	NA
244	ML9 2000	TfD	1	Foothill	3	10.000	3.7417
244	ML9 2000		1	Foothill	1	2.500	3.7417 NA
		TgD					
246	ML9 2000	TgD	1	Foothill	3	15.750	5.3619
247	ML9 2001	TfD	1	Foothill	1	11.000	NA
248	ML9 2001	TfD	1	Foothill	3	26.750	22.3215
249	ML9 2001	TgD	1	Foothill	1	47.000	NA
250	ML9 2001	TgD	1	Foothill	3	19.375	3.3510
251	ML9 2002	TfD	1	Foothill	1	8.000	NA
252	ML9 2002	TfD	1	Foothill	3	16.000	8.9815
253	ML9 2002	TgD	1	Foothill	1	7.000	NA
254	ML9 2002	TgD	1	Foothill	3	7.125	2.2500
255	ML9 2003	TfD	1	Foothill	1	12.000	NA
256	ML9 2003	TfD	1	Foothill	3	7.750	1.7078
257	ML9 2003	TgD	1	Foothill	1	3.000	NA
258	ML9 2003	TgD	1	Foothill	3	8.500	1.2910
259	ML9 2004	TfD	1	Foothill	1	10.000	NA
260	ML9 2004	TfD	1	Foothill	3	13.750	9.6393
261	ML9 2004	TgD	1	Foothill	1	4.000	9.0095 NA
262	ML9 2004 ML9 2004	_	1		3		4.7958
		TgD		Foothill		14.500	
263	ML9 2005	TfD	1	Foothill	1	7.000	NA 5 4005
264	ML9 2005	TfD	1	Foothill	3	11.250	5.1235
265	ML9 2005	TgD	1	Foothill	1	9.000	NA
266	ML9 2005	TgD	1	Foothill	3	7.000	0.8165
267	ML9 2014	TfD	1	Foothill	1	5.000	NA
268	ML9 2014	TfD	1	Foothill	3	6.375	3.3260
269	ML9 2014	TgD	1	Foothill	1	6.500	NA
270	ML9 2014	TgD	1	Foothill	3	10.750	5.9652
271	NF6 1997	TgD	3	Frontslope	1	NaN	NA
272	NF6 1997	TgD	4	Frontslope	1	NaN	NaN
273	NF6 1997	ThE	3	Frontslope	1	13.333	9.8658
274	NF6 1997	ThE		Frontslope	3	13.750	15.2028
275	NF6 1998	TgD		Frontslope	1	NaN	NA
276	NF6 1998	TgD		Frontslope	1	NaN	NaN
277	NF6 1998	ThE		Frontslope	1	17.000	10.9659
278	NF6 1998	ThE		Frontslope	3	17.500	10.6066
279	NF6 1999			-	1	NaN	NA
280		TgD		Frontslope			
	NF6 1999	TgD		Frontslope	1	NaN	NaN
281	NF6 1999	ThE		Frontslope	1	29.500	10.0374
282	NF6 1999	ThE		Frontslope	3	12.000	1.4142
283	NF6 2000	TgD		Frontslope	1	11.000	NA
284	NF6 2000	TgD	4	Frontslope	1	4.500	0.7071

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285	NF6 2000			Frontslope	1	16.833	15.7348
286	NF6 2000			Frontslope	3	9.375	9.0127
287	NF6 2001	0	3	Frontslope	1	11.000	NA
288	NF6 2001	l TgD	4	Frontslope	1	19.500	4.9497
289	NF6 2001	l ThE	3	Frontslope	1	14.333	3.2146
290	NF6 2001	l ThE	3	Frontslope	3	16.750	3.4034
291	NF6 2002	2 TgD	3	Frontslope	1	2.500	NA
292	NF6 2002		4	Frontslope	1	1.500	0.7071
293	NF6 2002	•		Frontslope	1	4.167	1.0408
294	NF6 2002	2 ThE		Frontslope	3	10.750	10.9430
295	NF6 2003			Frontslope	1	10.000	NA
296	NF6 2003	•		Frontslope	1	8.000	1.4142
297	NF6 2003	•		Frontslope	1	8.333	2.0817
298	NF6 2003			-	3	8.000	2.4495
				Frontslope			
299	NF6 2004	0		Frontslope	1	7.000	NA
300	NF6 2004	0		Frontslope	1	7.000	1.4142
301	NF6 2004			Frontslope	1	8.833	4.0104
302	NF6 2004			Frontslope	3	11.500	3.7859
303	NF6 2005	0	3	Frontslope	1	NaN	NA
304	NF6 2005	5 TgD	4	Frontslope	1	NaN	NaN
305	NF6 2005	5 ThE	3	Frontslope	1	NaN	NaN
306	NF6 2005	5 ThE	3	Frontslope	3	NaN	NaN
307	NF6 2014	1 TgD	3	Frontslope	1	1.500	NA
308	NF6 2014	1 TgD	4	Frontslope	1	7.250	5.3033
309	NF6 2014	_	3	Frontslope	1	11.167	3.0139
310	NF6 2014	1 ThE	3	-	3	9.750	3.9686
311	NV8 1997		1	Foothill	1	NaN	NaN
312	NV8 1997	_	2	Foothill	1	4.000	NA
313	NV8 1997		2	Foothill	3	2.000	NA
314	NV8 1997		1	Foothill	1	5.167	3.7528
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	NV8 1998	0		Foothill	1	NaN	NaN
316	NV8 1998	0	2	Foothill	1	7.500	NA
317	NV8 1998	U	2	Foothill	3	8.000	NA
318	NV8 1998		1	Foothill	1	36.167	25.9631
319	NV8 1999		1	Foothill	1	NaN	NaN
320	NV8 1999	0	2	Foothill	1	10.000	NA
321	NV8 1999	9 TgD	2	Foothill	3	1.500	NA
322	NV8 1999	9 ThE	1	Foothill	1	28.000	22.6053
323	NV8 2000) TgD	1	Foothill	1	0.350	0.2121
324	NV8 2000) TgD	2	Foothill	1	8.500	6.3640
325	NV8 2000) TgD	2	Foothill	3	17.333	10.0167
326	NV8 2000) ThE	1	Foothill	1	18.000	5.2915
327	NV8 2001		1	Foothill	1	6.000	1.4142
328	NV8 2001	_	2	Foothill	1	5.500	3.5355
329	NV8 2001	_	2	Foothill	3	8.000	2.6458
330	NV8 2001	_	1	Foothill	1	16.333	15.2753
331	NV8 2002		1	Foothill	1	8.000	0.0000
332	NV8 2002		2	Foothill	1	5.750	1.0607
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333	NV8 2002	_		Foothill		10.000	1.7321
334	NV8 2002		1	Foothill	1	24.000	12.1655
335	NV8 2003	_	1	Foothill	1	4.500	0.7071
336	NV8 2003	_	2	Foothill	1	7.500	0.7071
337	NV8 2003		2	Foothill	3	9.667	2.5166
338	NV8 2003	3 ThE	1	Foothill	1	6.000	3.4641

339	NV8 2004	TgD	1	Foothill	1	6.000	2.8284
340	NV8 2004	TgD	2	Foothill	1	14.500	3.5355
341	NV8 2004	TgD	2	Foothill	3	10.333	8.3865
342	NV8 2004	ThE	1	Foothill	1	3.667	2.5166
343	NV8 2005	TgD	1	Foothill	1	14.000	8.4853
344	NV8 2005	TgD	2	Foothill	1	9.500	0.7071
345	NV8 2005	TgD	2	Foothill	3	24.667	12.6623
346	NV8 2005	ThE	1	Foothill	1	28.000	15.3948
347	NV8 2014	TgD	1	Foothill	1	8.750	0.3536
348	NV8 2014	TgD	2	Foothill	1	8.500	8.4853
349	NV8 2014	TgD	2	Foothill	3	18.167	11.6440
350	NV8 2014	ThE	1	Foothill	1	7.000	4.5000
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366	PK2 2004	Кc	2	Plains	1	12.000	NA
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368	PK2 2005	Кc	2	Plains	1	10.000	NA
369	PK2 2014	Кc	1	Plains	1	4.444	1.7038
370	PK2 2014	Кc	2	Plains	1	4.000	NA
371	PL3 1997	TuB	1	Plains	1	4.800	4.3960
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373	PL3 1999	TuB	1	Plains	1	14.500	22.9728
374	PL3 2000	TuB	1	Plains	1	3.670	1.0111
375	PL3 2001	TuB	1	Plains	1	13.250	1.7834
376	PL3 2002	TuB	1	Plains	1	4.250	1.8597
377	PL3 2003	TuB	1	Plains	1	5.600	2.6331
378	PL3 2004	TuB	1	Plains	1	7.000	3.6286
379	PL3 2005	TuB	1	Plains	1	11.650	5.1857
380	PL3 2014	TuB	1	Plains	1	4.100	1.3904
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384	PL4 2000	TuB	1	Plains	1	6.000	3.3993
385	PL4 2001	TuB	1	Plains	1	11.850	1.9444
386	PL4 2002	TuB	1	Plains	1	4.700	1.4757
387	PL4 2003	TuB	1	Plains	1	7.400	2.2706
388	PL4 2004	TuB	1	Plains	1	6.400	3.6878
389	PL4 2005	TuB	1	Plains	1	8.100	2.1318
390	PL4 2014	TuB	1	Plains	1	6.350	3.2834
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