

## Using the Android DLS App in Tiers 6-8

The recommended phone app for Tiers 6-8 is an android app and can be found in the app store at:

<https://play.google.com/store/apps/details?id=uk.co.rfear.android.dlcalc&hl=en>

Duckworth-Lewis calculator by Robert Fear. It is free to download and whilst not exactly the same as the app used in Tiers 1-5 it will provide a consistent score across the divisions without league laptops.

If it rains during your 45:45 (or 40:40) matches the single most important thing to note is the time of the stoppage and then the length, which is then used to determine how many overs have been lost. All DLS calculations are based on this so you must have this information.

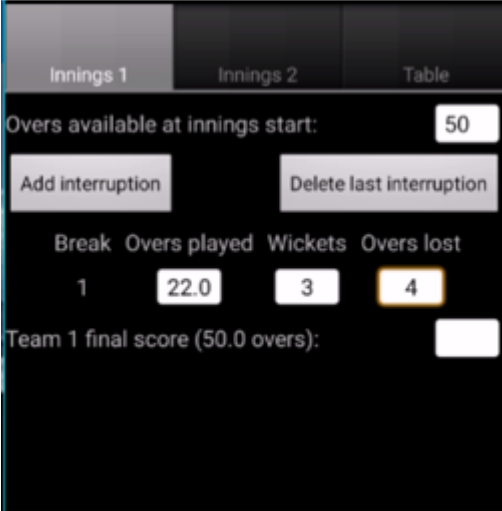
It is highly recommended you record this (ideally in one or both scorebooks) since if you start to have multiple interruptions you need all this information each time.

Running the app:

Below are two examples of how the app calculates the DLS Par score (Note to win the match the team batting second needs to score **ONE MORE** than the par score)

### Interruptions in the first innings:

Enter each interruption as shown here:



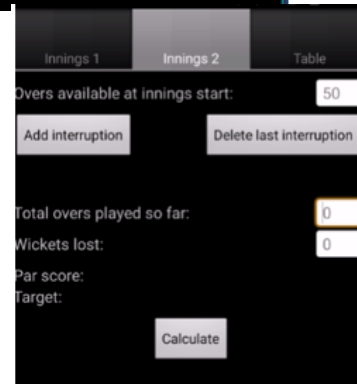
The screenshot shows the app interface for entering an interruption. At the top, there are three tabs: 'Innings 1', 'Innings 2', and 'Table'. Below the tabs, there is a field for 'Overs available at innings start:' with the value '50'. There are two buttons: 'Add interruption' and 'Delete last interruption'. Below these buttons is a table with four columns: 'Break', 'Overs played', 'Wickets', and 'Overs lost'. The first row of the table has the values '1', '22.0', '3', and '4'. Below the table, there is a field for 'Team 1 final score (50.0 overs):' with an empty input box.

Break	Overs played	Wickets	Overs lost
1	22.0	3	4

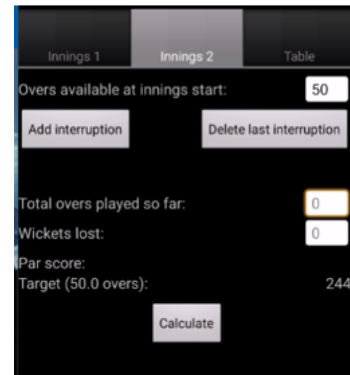
Once the innings is complete enter the final score:



Go to the second innings and press calculate:



This will give you the second innings target score at the start of the innings:



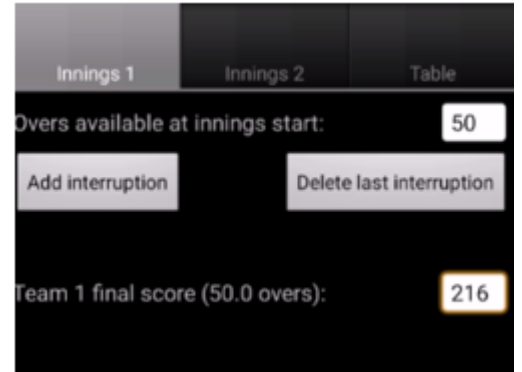
The table of par scores by over can be seen using the 'Table' tab:

	Innings 1	Innings 2	Table			
Table of Duckworth/Lewis par scores for future overs						
Wickets:	0	1	2	3	4	5
1 overs:	2	18	37	62	91	124
2 overs:	4	20	39	63	92	124
3 overs:	7	22	40	64	92	125
4 overs:	9	24	42	65	93	125
5 overs:	12	26	44	67	94	125
6 overs:	14	28	46	68	95	125
7 overs:	17	30	48	69	95	126
8 overs:	20	33	49	70	96	126
9 overs:	23	35	51	72	97	127
10 overs:	26	38	54	74	98	127
11 overs:	29	41	56	75	99	128
12 overs:	32	43	58	77	100	128
13 overs:	35	46	60	78	101	129
14 overs:	38	49	63	80	103	130
15 overs:	42	52	65	82	104	130
16 overs:	45	55	68	84	105	131
17 overs:	49	58	70	86	107	132
18 overs:	52	61	73	88	108	133
19 overs:	56	65	76	91	110	133
20 overs:	60	68	79	93	111	134
21 overs:	64	72	82	96	113	135

**Interruptions in the second innings:**

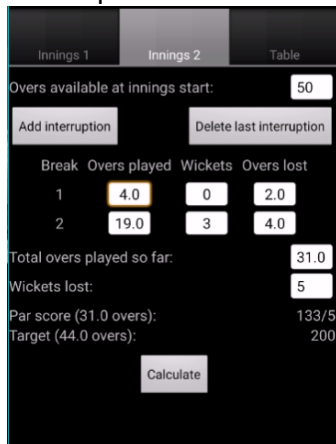
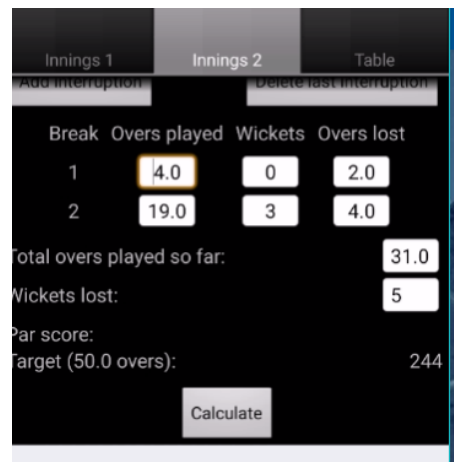
This can be combined with interruptions to the first innings as above.

Enter the first innings details:



Enter any breaks in the second innings:

And press calculate, this gives you the current par score and the target if the match continues to a finish with no more interruptions:



Again the par scores for each over to the end of the match can be viewed under the table tab. It is recommended that an umpire and the captains write this down if they expect any more interruptions.

	Innings 1	Innings 2	Table			
Table of Duckworth/Lewis par scores for future overs						
Wickets:	5	6	7	8	9	10
31 overs:	133	143	157	174	189	199
32 overs:	136	145	158	174	189	199
33 overs:	139	147	159	174	189	199
34 overs:	143	150	160	174	189	199
35 overs:	147	153	162	175	189	199
36 overs:	151	156	164	176	189	199
37 overs:	156	160	166	176	189	199
38 overs:	161	164	169	177	189	199
39 overs:	166	168	172	179	189	199
40 overs:	172	173	176	181	189	199
41 overs:	178	179	180	184	190	199
42 overs:	184	185	186	187	191	199
43 overs:	192	192	192	192	194	199
44 overs:	199	199	199	199	199	199