

Use of Duckworth Lewis Applications in Premier Cricket

There are a number of applications freely available from the Internet that perform the Duckworth Lewis calculations, based on the old Standard Edition – ie they use the Tables and relevant formulae. Two of these have been tested on a number of scenarios, and have been endorsed by the Premier Cricket Committee for use for lower Grades

For 1st Grade, the current **DLS** (Note – at time of writing, DLS 2 of Oct 2016) is to remain in force.

A clear advantage of this approach is that for all matches on any given day for any particular grade the result is determined by the same method.

These applications run on both Apple (iPhones & iPads) and Android phones & tablets (eg Samsung etc)

It is of note that when the 1st innings score of a 50 over match is under about 230, there is very little difference in Par Score at any particular point between the current DLS and the old Standard Edition, no more than a few runs.

The two applications which have been endorsed for use are:

1. **A product from Tarams** (which is used by WA, Illawarra, Townsville, amongst others) and is available for both Apple & Android.

It can be downloaded from:

For Apple devices <https://itunes.apple.com/us/app/duckworth-lewis-calculator/id525417125?mt=8>

For Android <https://play.google.com/store/apps/details?id=com.tarams.android.duckworthlewis&hl=en>



Instructions for use as issued by WA (including some other useful info) are at:

<http://waca.wa.cricket.com.au/files/12/files/District%20Cricket%20Duckworth%20Lewis%20Guidelines.pdf>

Illawarra guidelines are at:

<http://cricketillawarra.nsw.cricket.com.au/files/75/files/senior/CI-HTG%20-%20Duckworth-Lewis%20Method.pdf>

G50 Value for the matches should be as per WA's instructions, ie:

- 2nd Grade - 205;
- 3rd & below - Grade 175.

2. **From Robert Fear Sports but for only Android devices:** <https://play.google.com/store/apps/details?id=uk.co.rfear.android.dlcalc&hl=en>

for which there are no instructions but I [and others] have used it with ease)



Duckworth-Lewis calculator

Robert Fear Sports

★ 1

3+

 This app is compatible with all of your devices.

Other Apps

There are also a few on-line calculators which don't do much more than give par scores and don't appear to cater for multiple interruptions, or occasionally even one in the 1st innings. Therefore, these are probably not worth using other than for the simplest calculations, and would need to be validated first. However, they have not thrown up any wrong answers from a few tests.

Examples:

<http://uniquecalculator.com/calculation/duckworth-lewis-calculator.php>

<http://www.boltoncricket.co.uk/DLcalc.html>