

Duckworth Lewis Calculator

With the adoption of the Duckworth-Lewis method of determining rain affected matches in the HMC T20 this season, I would like to suggest the following.

Schools using Total Cricket Scorer

The ECB are investigating re-licensing this product so the Duckworth-Lewis calculator is integral to the product. Hopefully, we will be able to obtain the add-on for schools for the start of the season.

Schools using CricHQ and NXCricketHD

At present, there are no D/L functions on either of these scoring apps.

Apps for Smartphones/Tablets

As an umpire officiating in an ECB Premier League during my holidays, I have noticed most of my colleagues use an app called *Duckworth Lewis Calculator* by *Tarams Inc* and it is available both in the Google App Store for Android devices and the App Store/iTunes for Apple devices. Furthermore this is free for all users!

It seems to allow all eventualities to take place especially multiple interruptions in the 2nd innings. I suggest that we keep the G50 value as 245 – as recommended by the ECB.

Other methods

As we are using the standard version of Duckworth Lewis (rather than the professional version that is copyrighted by the ICC), there is a set of tables see below. However, unless you are a mathematician or have a desire to lots of calculations, I would recommend using the app mentioned above. Having played around with the app and the tables, I have found that the results are remarkably similar!

I have yet to find any programs on the internet that are as good or easy to use as the app for smartphone/tablet.

If you have any further questions, please email me at rhm@shrewsbury.org.uk

Overs Available	Wickets Lost									
	0	1	2	3	4	5	6	7	8	9
20	100.0	96.8	92.6	86.7	78.8	68.2	54.4	37.5	21.3	8.3
19	96.1	93.3	89.2	83.9	76.7	66.6	53.5	37.3	21.0	8.3
18	92.2	89.6	85.9	81.1	74.2	65.0	52.7	36.9	21.0	8.3
17	88.2	85.7	82.5	77.9	71.7	63.3	51.6	36.6	21.0	8.3
16	84.1	81.8	79.0	74.7	69.1	61.3	50.4	36.2	20.8	8.3
15	79.9	77.9	75.3	71.6	66.4	59.2	49.1	35.7	20.8	8.3
14	75.4	73.7	71.4	68.0	63.4	56.9	47.7	35.2	20.8	8.3
13	71.0	69.4	67.3	64.5	60.4	54.4	46.1	34.5	20.7	8.3
12	66.4	65.0	63.3	60.6	57.1	51.9	44.3	33.6	20.5	8.3
11	61.7	60.4	59.0	56.7	53.7	49.1	42.4	32.7	20.3	8.3
10	56.7	55.8	54.4	52.7	50.0	46.1	40.3	31.6	20.1	8.3
9	51.8	51.1	49.8	48.4	46.1	42.8	37.8	30.2	19.8	8.3
8	46.6	45.9	45.1	43.8	42.0	39.4	35.2	28.6	19.3	8.3
7	41.3	40.8	40.1	39.2	37.8	35.5	32.2	26.9	18.6	8.3
6	35.9	35.5	35.0	34.3	33.2	31.4	29.0	24.6	17.8	8.1
5	30.4	30.0	29.7	29.2	28.4	27.2	25.3	22.1	16.6	8.1
4	24.6	24.4	24.2	23.9	23.3	22.4	21.2	18.9	14.8	8.0
3	18.7	18.6	18.4	18.2	18.0	17.5	16.8	15.4	12.7	7.4
2	12.7	12.5	12.5	12.4	12.4	12.0	11.7	11.0	9.7	6.5
1	6.4	6.4	6.4	6.4	6.4	6.2	6.2	6.0	5.7	4.4

Table 1: The Duckworth-Lewis resource table (Standard Edition) scaled for T20. The table entries indicate the percentage of resources remaining in a match with the specified number of overs available and wickets lost.

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