



# CASTING ANALYZER

CAST SUMMARY

Enter your  
(000) 000-0000

Rod model: Reel model: Line: Cast: 30'

Cast Name: Doug1

	Forward Cast			Back Cast		
	YOU	EXPERT	COMMENTS	YOU	EXPERT	COMMENTS
Cast Symmetry	85	100	Good			
Cast Arc	65	55	Needs work	55	55	Excellent
Creep	0	0	Good	0	0	Good
Smoothness Ratio	6.1	5.0	Excellent	7.0	5.0	Excellent
Peak Speed	217	230	Excellent	-184	-230	Excellent
Deceleration	-857	-1900	Needs work	1760	1900	Excellent
Stop	60	30	Needs work	-48	-30	Good
Rod Load	26	30	Excellent	26	30	Excellent

**Symmetry**    **Cast Symmetry**    Your Score: 85    Expert Score: 100    Result: Good

Your cast exhibits 85% symmetry. This is close to the expert's symmetry of 90% or greater. Peak rotation speed is 217 degrees/sec on the forward cast, -184 degrees/sec on the back cast. Compare your cast with the expert's.

**Cast Arc**    **Forward Cast**    Your Score: 65    Expert Score: 55    Result: Needs work

Your rod arc is 65 degrees, the expert's arc is 55 degrees. Your arc is significantly wider than the expert's arc indicating you are probably casting an open loop. Rotate the rod less to close the casting arc significantly.

**Back Cast**    Your Score: 55    Expert Score: 55    Result: Excellent

Your rod arc is 55 degrees, the expert's arc is 55 degrees. Your arc is very similar to that of the expert's arc indicating your loop is most likely good, assuming that your peak speed, smoothness, stop and rod load are also similar.

**Creep**    **Forward Cast**    Your Score: 0    Expert Score: 0    Result: Good

No creep detected.

**Back Cast**    Your Score: 0    Expert Score: 0    Result: Good

No creep detected.

**Smoothness Ratio**    **Forward Cast**    Your Score: 6.1    Expert Score: 5.0    Result: Excellent

Your smoothness ratio is 6.1. The expert's smoothness ratio is 5.0. This indicates very smooth power application, usually an indication of good loops and efficient power application. Working to make your smoothness ratio even lower will yield worthwhile results. Very good.

**Back Cast**    Your Score: 7.0    Expert Score: 5.0    Result: Excellent

Your smoothness ratio is 7.0. The expert's smoothness ratio is 5.0. This indicates very smooth power application, usually an indication of good loops and efficient power application. Working to make your smoothness ratio even lower will yield worthwhile results. Very good.

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**Peak speed Forward Cast** Your Score: 217 Expert Score: 230 Result: Excellent

Your forward cast peak speed is 217 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

**Back Cast** Your Score: -184 Expert Score: -230 Result: Excellent

Your back cast peak speed is -184 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

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**Deceleration Forward Cast** Your Score: -857 Expert Score: -1900 Result: Needs work

Your deceleration rate is -857 d/s/s, the expert's deceleration rate is -1900 d/s/s. Your deceleration is relatively slow. Decelerating the rod more quickly will result in tighter loops.

**Back Cast** Your Score: 1760 Expert Score: 1900 Result: Excellent

Your deceleration rate is 1760 d/s/s, the expert's deceleration rate is 1900 d/s/s. Your deceleration is excellent and will help to make very good, tight loops.

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**Stop Forward Cast** Your Score: 60 Expert Score: 30 Result: Needs work

Your stop was not very complete, reaching 60 d/s, compared to the expert's stop of 30 d/s. Relatively incomplete stops like this will result in rounded, less efficient loops. For tighter loops, stop the rod more completely.

**Back Cast** Your Score: -48 Expert Score: -30 Result: Good

Your stop was fairly complete, reaching -48 d/s, compared to the expert's stop of -30 d/s. This is a very functional stop, but for tighter loops, stop the rod more completely.

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**Rod Load Forward Cast** Your Score: 26 Expert Score: 30 Result: Excellent

Your rod load ratio is 26%, compared to 30% for the expert cast. This is a good ratio and indicates a good previous back loop. The good loop resulted in a straight line that offered good resistance to rod acceleration, causing more rod load, and resulting high load ratio.

**Back Cast** Your Score: 26 Expert Score: 30 Result: Excellent

Your rod load ratio is 26%, compared to 30% for the expert cast. This is a good ratio and indicates a good previous forward loop. The good loop resulted in a straight line that offered good resistance to rod acceleration, causing more rod load, and resulting high load ratio.

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