

CASTING ANALYZER

CAST SUMMARY

Enter your
(000) 000-0000

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

Cast Name: Mike2

	Forward Cast			Back Cast		
	YOU	EXPERT	COMMENTS	YOU	EXPERT	COMMENTS
Cast Symmetry	97	100	Excellent			
Cast Arc	48	55	Good	51	55	Excellent
Creep	0	0	Good	15	0	Needs work
Smoothness Ratio	8.8	5.0	Good	10.0	5.0	Good
Peak Speed	212	230	Excellent	-206	-230	Excellent
Deceleration	-729	-1900	Needs work	2304	1900	Excellent
Stop	17	30	Excellent	-3	-30	Excellent
Rod Load	11	30	Needs work	39	30	Excellent

Symmetry **Cast Symmetry** Your Score: 97 Expert Score: 100 Result: Excellent

Your cast exhibits 97% symmetry. This is very close to the expert's symmetry of 90% or greater. Symmetry this high is often a good indicator of good technique and casting efficiency. Peak rotation speed is 212 degrees/sec on the forward cast, -206 degrees/sec on the back cast.

Cast Arc **Forward Cast** Your Score: 48 Expert Score: 55 Result: Good

Your rod arc is 48 degrees, the expert's arc is 55 degrees. Your arc is slightly smaller than the expert's. Try to rotate the rod just a little bit more to open up the casting arc slightly.

Back Cast Your Score: 51 Expert Score: 55 Result: Excellent

Your rod arc is 51 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: 15 Expert Score: 0 Result: Needs work

Your cast exhibits 15 degrees of 'creep', premature rod rotation forward, effectively shortening your rod arc for the back cast. This will usually result in tailing loops. To solve this problem, make sure you don't prematurely move the rod forward slowly.

Smoothness Ratio **Forward Cast** Your Score: 8.8 Expert Score: 5.0 Result: Good

Your smoothness ratio is 8.8. The expert's smoothness ratio is 5.0. This indicates fairly smooth power application, but there is room for improvement. Higher smoothness ratios indicate rod acceleration that starts too slowly, too soon. Begin accelerating your rod slightly later, accelerate very smoothly. Your goal is to make the curve as straight as possible.

Back Cast Your Score: 10.0 Expert Score: 5.0 Result: Good

Your smoothness ratio is 10.0. The expert's smoothness ratio is 5.0. This indicates fairly smooth power application, but there is room for improvement. Higher smoothness ratios indicate rod acceleration that starts too slowly, too soon. Begin accelerating your rod slightly later, accelerate very smoothly. Your goal is to make the curve as straight as possible.

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Peak speed Forward Cast Your Score: 212 Expert Score: 230 Result: Excellent

Your forward cast peak speed is 212 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

Back Cast Your Score: -206 Expert Score: -230 Result: Excellent

Your back cast peak speed is -206 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

Deceleration Forward Cast Your Score: -729 Expert Score: -1900 Result: Needs work

Your deceleration rate is -729 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: 2304 Expert Score: 1900 Result: Excellent

Your deceleration rate is 2304 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.

Stop Forward Cast Your Score: 17 Expert Score: 30 Result: Excellent

Your stop was complete, reaching 17 d/s, compared to the expert's stop of 30 d/s. Good effective stop.

Back Cast Your Score: -3 Expert Score: -30 Result: Excellent

Your stop was complete, reaching -3 d/s, compared to the expert's stop of -30 d/s. Good effective stop.

Rod Load Forward Cast Your Score: 11 Expert Score: 30 Result: Needs work

Your rod load ratio is 11%, compared to 30% for the expert cast. This is a low ratio and indicates a poor previous back loop. Usually the reason for the poor loop can be found by comparing the back cast rod arc, peak speed, smoothness ratio and stop data to the expert cast.

Back Cast Your Score: 39 Expert Score: 30 Result: Excellent

Your rod load ratio is 39%, 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.
