





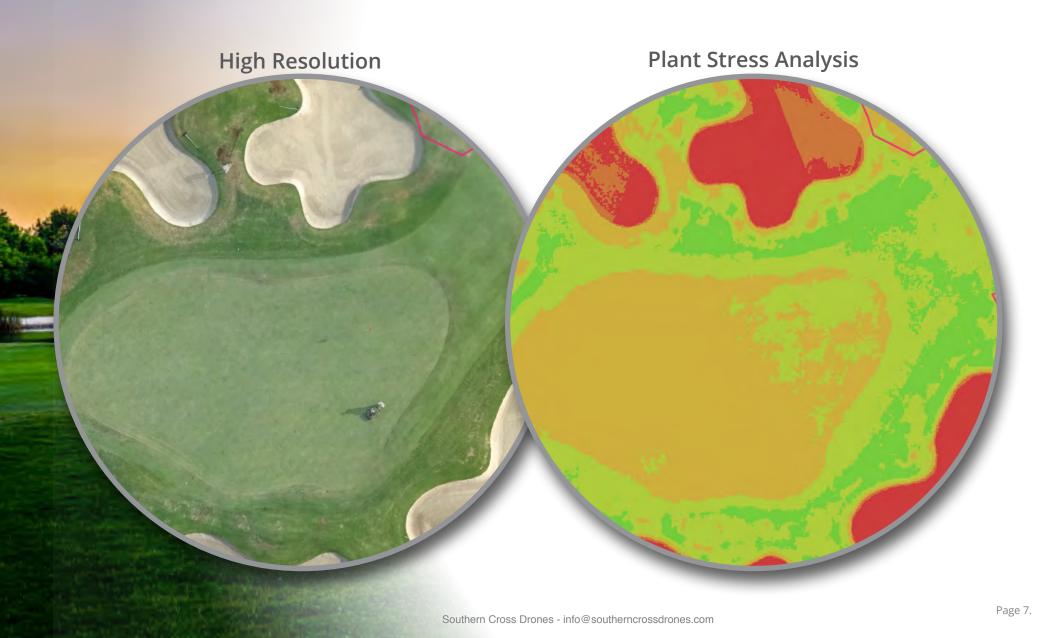
TurfSolutions Transform aerial imagery into actionable data Using Turf.Solutions, areas of stress can be tracked from flight to flight and included in reports showing progress towards turf health and aesthetic goals. Stay up-to-date on turf health and improvement progress using your desktop or mobile device. FIRST FLIGHT Mild Browning MOBILE TASKS Turf Management 3 18° 63° white fruit SECOND FLIGHT Light Browning 66% REDUCTION IN BROWNING Ove Date JUL 7, 2015

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Green Comparison: High Resolution vs. Plant Stress Analysis

Detect areas of stress not yet visible to the human eye.





Hole Turf Progress

Flight data for **July 1** and **August 3, 2015**



34 DAYS BETWEEN FLIGHTS **84,321** Sq. ft. TOTAL HOLE AREA

5,185 Sq. ft. PUTTING GREEN AREA 43,652 Sq. ft. FAIRWAY AREA 2 BUNKERS

Hole #12 84,321 Sq. Ft.

Condition	Goal	Progress	Impact of efforts
Severe Browning	15% Reduction		18% Reduction Achieved
Moderate Browning	15% Reduction		15% Reduction Achieved
Mild Browning	10% Reduction		6% Reduction Achieved
Yellowing	10% Reduction		3% Growth
High Flourishing	15% Increase	<u> </u>	11% Increase Achieved

Hole #12 - Fairway 43,652 Sq. Ft.

Condition	Goal	Progress	Impact of efforts
Severe Browning	50% Reduction		58% Reduction Achieved
Moderate Browning	50% Reduction	_	45% Reduction Achieved
Mild Browning	20% Reduction	_	22% Reduction Achieved
Yellowing	50% Reduction	_	16% Reduction Achieved
High Flourishing	15% Increase		5% Decline

Progress by location

Track specific turf problems such as yellowing/browning spots and potential over watered areas. Each critical area can be monitored over time to show reduction in turf browning and redistribution of water from overly green areas.



Hole Turf Conditions

Flight data for **August 3, 2015**



84,321 Sq. ft. TOTAL HOLE AREA **5,185** Sq. ft. PUTTING GREEN AREA **43,652** Sq. ft. FAIRWAY AREA **2** BUNKERS

Hole #12 84	4,321 Sq. Ft.		
Condition	8/3/2015	Target	± Sq. ft. to Target
Severe Browning	997 Sq. Ft.	15% Reduction	-149 sq. Ft.
Moderate Browning	1,190 Sq. Ft.	15% Reduction	-178 sq. Ft.
Mild Browning	827 Sq. Ft.	10% Reduction	-82 Sq. Ft.
Yellowing	124 Sq. Ft.	10% Reduction	-12 Sq. Ft.
High Flourishing	762 Sq. Ft.	15% Increase	+114 Sq. Ft.

Hole #12 - Fairway | 43,652 Sq. Ft.

Condition	8/3/2015	Target	± Sq. ft. to Target
Severe Browning	227 Sq. Ft.	50% Reduction	-113 sq. Ft.
Moderate Browning	350 Sq. Ft.	50% Reduction	-175 sq. Ft.
Mild Browning	421 Sq. Ft.	20% Reduction	-84 Sq. Ft.
Yellowing	96 Sq. Ft.	50% Reduction	-48 Sq. Ft.
High Flourishing	396 Sq. Ft.	15% Increase	+55 Sq. Ft.

Get detailed reports analyzing turf health

Monitor areas by specific location in detail, and track progress towards reduction goals. Analyze turf conditions to determine how best to improve course athletics and optimize water use.

Turf Solutions



Become a water conservation champion

Create a water conservation strategy that identifies specific areas where water applications can be reduced or reallocated. Measure progress towards your water plan and make improvements to continue optimizing water applications. The Turf.Solutions Stewardship Program promotes healthy turf management while maximizing water use efficiency. Proudly share your club's commitment to water stewardship planning and reduction efforts by sharing a detailed course management report with:

- Membership
- Green Committees
- Board of Directors
- Water Districts
- Local Media
- Adjoining home owners & HOAs
- Club Marketing Efforts



Why Turf.Solutions?

Turf.Solutions is a leading-edge technology company providing a comprehensive solution for UAV flight services, aerial image analysis, and task management. Enabling you to maximize turf health, aesthetics and playability, while reducing water usage and costs.

- High performance UAV craft platforms
- Actionable data and intuitive software tools
- Trained pilots
- FAA commercially approved

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