

# Deltas in Time

“Answers are easy. It’s asking the right questions which is hard.” –The Doctor

John McNabb, DBPS Workshop, Hampton University

June 9, 2017

## Introduction

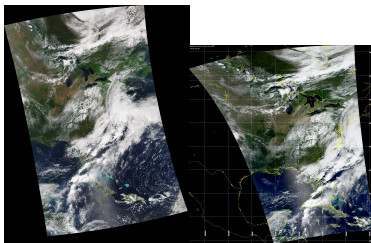
Deltas In Time

4.06 micron

0.65 micron

0.555 micron

## Outline



- ▶ Looking at the difference between NPP-VIIRS and AQUA-MODIS
- ▶ Data from June 8th 2017
- ▶ VIIRS at 18:12–18:24 UTC, MODIS at 18:44 UTC

## Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

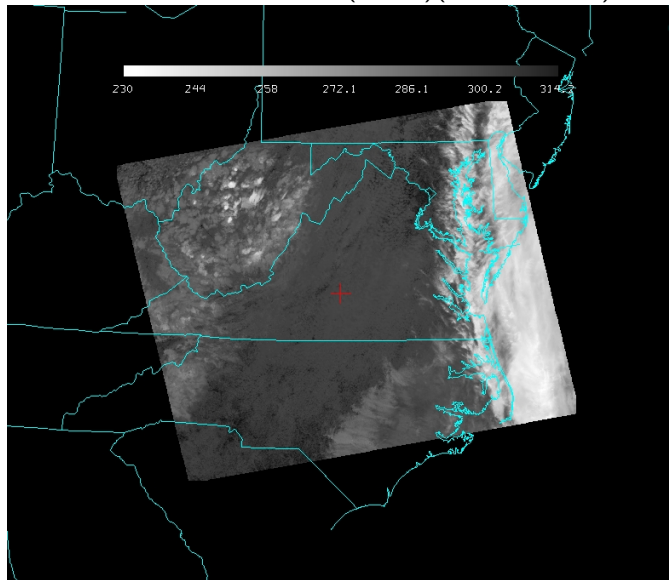
## Outline

# 4.06 micron

Deltas in Time

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Hampton  
University

## NPP-VIIRS Band M13(750m)(4.05 microns)



Introduction

Deltas In Time

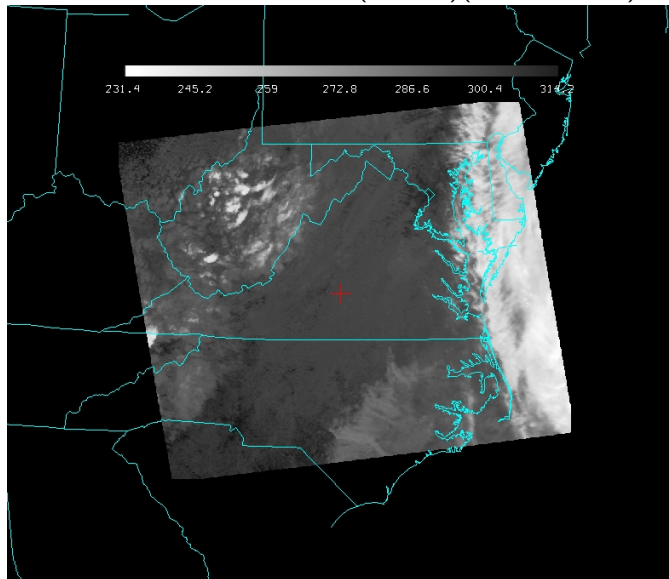
4.06 micron

0.65 micron

0.555 micron

Outline

## AQUA-MODIS Band B23(1000m)(4.07 microns)



### Introduction

#### Deltas In Time

4.06 micron

0.65 micron

0.555 micron

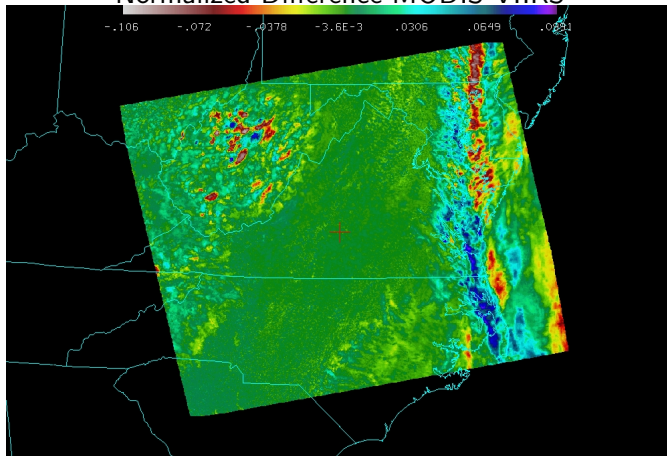
### Outline

# 4.06 micron

Deltas in Time

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Hampton  
University

## Normalized Difference MODIS-VIIRS



Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

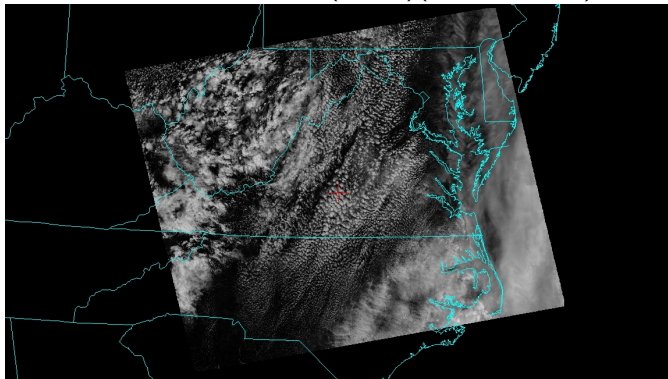
Outline

0.65 micron

Deltas in Time

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NPP-VIIRS Band I1(375m)(0.64 microns)



Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

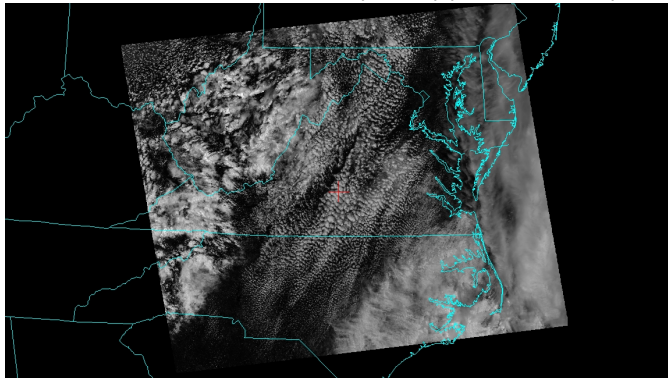
Outline

0.65 micron

Deltas in Time

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AQUA-MODIS Band B1(250m)(0.65 microns)



Introduction

Deltas In Time

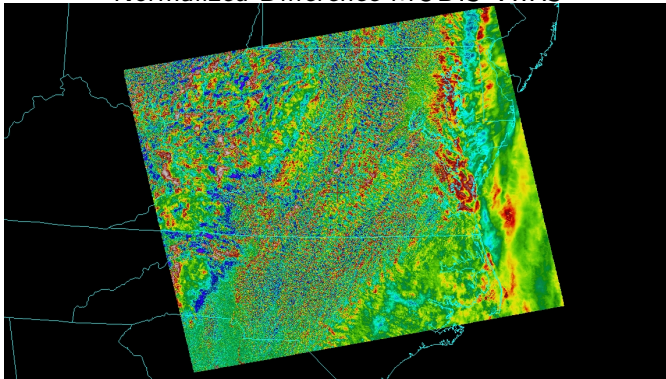
4.06 micron

0.65 micron

0.555 micron

Outline

## Normalized Difference MODIS-VIIRS



### Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

### Outline

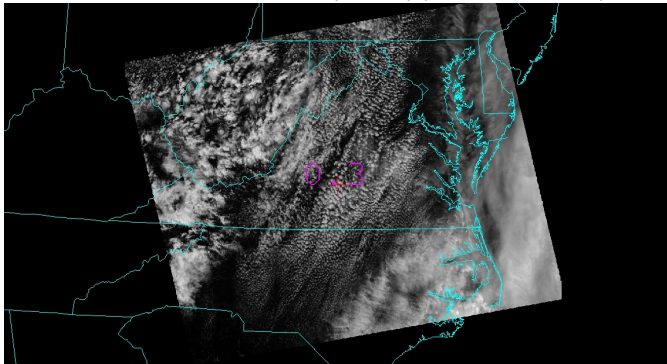


# 0.555 micron

Deltas in Time

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## NPP-VIIRS Band M4(750m)(0.555 microns)



Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

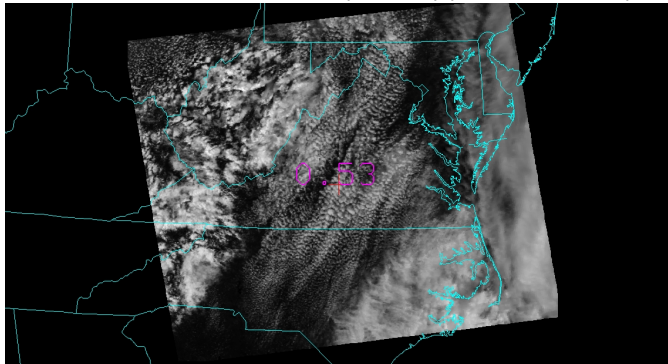
Outline

# 0.555 micron

Deltas in Time

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## AQUA-MODIS Band B4(1000m)(0.555 microns)



Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

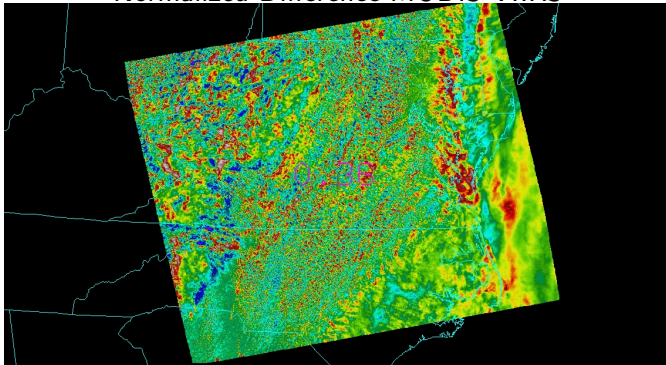
Outline

0.555 micron

Deltas in Time

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## Normalized Difference MODIS-VIIRS



Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

Outline

## Introduction

Deltas In Time

4.06 micron

0.65 micron

0.555 micron

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Introduction

Deltas In Time

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