



Meteor observations from double station in Morocco

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Plan

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives

1 Introduction

2 Observations in Morocco

3 Detections

4 Conclusion and Perspectives



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Introduction

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives



**For the first time in
Morocco and
the African Continent**



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ET ASTROPHYSIQUE

Plan

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives

1 Introduction

2 Observations in Morocco

3 Detections

4 Conclusion and Perspectives



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ET ASTROPHYSIQUE

Double station

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives



	station 1 : Oukaimden	station 2 : AGM
Longitude	31°12'32" N	31°37'28"
Latitude	7°52'52"W	7°59'35"
Altitude	2700 m	466 m



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Equipements

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives

- 3 cameras watec 902H2
- 2 lenses 6mm/F1.2 (FOV $\approx 60 \times 40$)



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ET ASTROPHYSIQUE

Plan

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives

- 1 Introduction
- 2 Observations in Morocco
- 3 Detections**
- 4 Conclusion and Perspectives



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ET ASTROPHYSIQUE

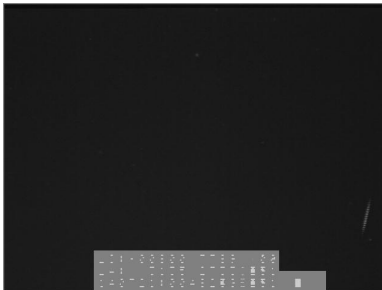
Introduction

Observations in
Morocco

Detections

Conclusion and
Perspectives

using Same direction of both cameras but slightly shifted



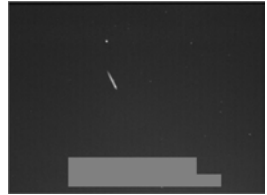
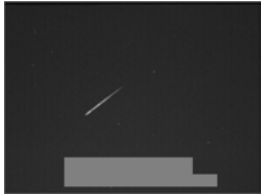
Detections In August 2014- More than 170 detections including double ones

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives



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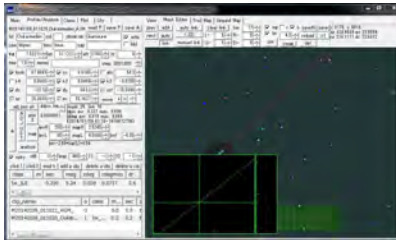
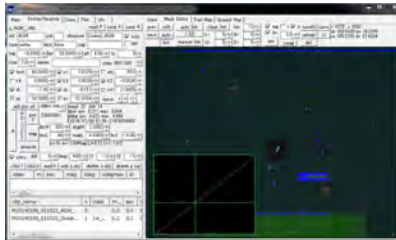
Analysis of the images-Software : UfoAnalyzer

Introduction

Observations in
Morocco

Detections

Conclusion and
Perspectives



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ET ASTROPHYSIQUE

Plan

Introduction

Observations in Morocco

Detections

Conclusion and Perspectives

1 Introduction

2 Observations in Morocco

3 Detections

4 Conclusion and Perspectives



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ET ASTROPHYSIQUE

Next steps

Introduction

Observations in
Morocco

Detections

Conclusion and
Perspectives

- Solution for the 2nd station problem causing not clear detections :Change the location
- Compute the exact directions of the cameras (IMO handbook)
- Compute the trajectory of meteors and their orbital elements (main goal)



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Introduction

Observations in
Morocco

Detections

Conclusion and
Perspectives

