

**Official Site Metadata Information**

**Lockheed Martin Ground System (LMG6)**

**Indiana University Perdue University Indianapolis (IUPUI) University Courtyard**

**Indianapolis, IN**

**Prepared by**

**Sterling Field Support Center**

**Created June 13, 2014**

**U.S. DEPARTMENT OF COMMERCE**

**National Oceanic and Atmospheric Administration**

**National Weather Service/Office of Operational Systems**

**Field Systems Operations Center/Observing Systems Branch**

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| **SITE SPECIFIC DATA FOR: IUPUI University Courtyard Indianapolis, IN** |
| **Date(s) Recorded: 06/09/14** |
| **Survey Team: D. Brewer, D. Fischer** |

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| Station Name | IUPUI University Courtyard |
| Station Latitude (dd:mm:ss.sssss) | 39:46:25.095 N |
| Station Longitude (ddd:mm:ss.sssss) | 86:10:27.252 W |
| Station Elevation (MSL) | 215.20 m |
| WMO No | NA |
| WMO Region | NA |
| Station ID | NA |
| Time Zone | Eastern |
| WBAN | NA |
| WSFO ID | NA |
| Surface Observation Equipment Type | Fluke 971 (Temp and RH), Kestrel 3500 (Wind Speed), Paroscientific PDB (Pressure) |

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| **Resident Site Specific Data:**  **Position information was determined using LMG-6 GPS Data Averaged over 2.5 hours** | |
| **Site Commentary** | |
| RSOIS Latitude (dd:mm:ss.sssss) | 39:46:25.095 N |
| RSOIS Longitude (ddd:mm:ss.sssss) | 86:10:27.252 W |
| RSOIS Elevation (MSL) | 215.20 m |
| Surface Observation Equipment Type | Fluke 971, Kestrel 3500, Paroscientific PDB |
| Distance from Release Point (m) | <1m |
| Surface Observation Equipment Bearing (Deg) | NA |
| **Temperature Sensor** | |
| Elevation (AGL) | Handheld |
| Orientation (Bearing) | NA |
| Manufacturer | Fluke |
| Model | 971 |
| Type | Thermistor |
| Calibration Date |  |
| **Relative Humidity Sensor** | |
| Elevation (AGL) | Handheld |
| Orientation (Bearing) | NA |
| Manufacturer | Fluke |
| Model | 971 |
| Type | Capacitive Thin Film |
| Calibration Date |  |
| **Wind Sensor** | |
| Elevation (AGL) | Handheld |
| Orientation (Bearing) | NA |
| Manufacturer | Kestrel |
| Model | 3500 |
| Type | Handheld Propeller |
| Calibration Date |  |
| **Barometer** | |
| Elevation (MSL) | 215.20 m |
| Elevation (AGL) | <0.5 m |
| Orientation (Bearing) | N/A |
| Manufacturer | Paroscientific Inc. |
| Model | 760-16B |
| Type | Portable Pressure Standard |
| Calibration Date | 9/4/13 |

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| **Resident Site Specific Data: LMG6 Receiver and Antenna’s**  **Position information was determined using a Trimble GPS receiver model 5700. Estimated position error less than** | |
| **Site Commentary** | |
| Base Pressure (hPa) |  |
| Release Point Latitude (dd:mm:ss.sssss) | 39:46:25.095 N |
| Release Point Longitude (ddd:mm:ss.sssss) | 86:10:27.252 W |
| Release Point Elevation (MSL) | 215.20 m |
| Release Point Pressure Correction (hPa) | None |
| Basestation GPS Elevation (WGS84) | NA |
| Basestation GPS Elevation (MSL) | NA |
| Basestation GPS Latitude (N+/S- ddmmss.fffff) | NA |
| Basestation GPS Longitude (E+/W- dddmmss.fffff) | NA |
| LMG6 Elevation (MSL) | 215.20 m |
| LMG6 Latitude (N+/S- ddd:mm:ss.sssss) | 39:46:25.095 N |
| LMG6 Longitude (E+/W- ddd:mm:ss.sssss) | 86:10:27.252 W |
| Radiosonde Type | LMS6 |
| Ground Receiving System | LMG6 |
| Ground Receiving System Serial Number | 134601 |
| Radiosonde Tracking Method | GPS |
| Barometer Height (MSL) |  |
| Balloon Shelter Type | 10’ U-Haul Truck |
| Balloon Gas | Helium |
| Operating Frequencies (MHz) | 403 MHz |
| Rooftop Release | No |
| WMO Header (FZL) | NA |
| WMO Header (MAN) | NA |
| WMO Header (SGL) | NA |
| WMO Header (ABV) | NA |

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| **Win9000 Computer Site Specific Data** | |
| IP Address | NA |
| Computer Name | NA |
| Default Gateway | NA |
| Subnet Mask | NA |
| Preferred DNS Server | NA |
| Alternate DNS Server | NA |

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Figure Looking North from release area

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Figure Looking East from release area

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Figure Looking South from release area

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Figure Panoramic shot from North to South (Left to Right) from release area

Figure Looking West from release area

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Figure Panoramic shot from South to North (Left to Right) from release area