

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	42 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

## Baseline Processing Report

### Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
SURVEY OF INDIA (DAYAPAR) --- MKAW-01 (B1)	SURVEY OF INDIA (DAYAPAR)	MKAW-01	Fixed	0.0083	0.0135	88°09'41.1"	8399.1972	-20.8187

### Acceptance Summary

Processed	Passed	Flag		Fail	
1	1	0		0	

**SURVEY OF INDIA (DAYAPAR) - MKAW-01 (12:30:09 PM-12:45:10 PM) (S1)**

<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-01 (B1)</a>
<b>Processed:</b>	21-Feb-26 2:44:19 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0083 m
<b>Vertical precision:</b>	0.0135 m
<b>RMS:</b>	0.0158 m
<b>Maximum PDOP:</b>	1.110
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	21-Feb-26 12:30:09 PM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	21-Feb-26 12:45:10 PM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:15:01
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Uncombined Mode

**Vector Components (Mark to Mark)**

<b>From:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>	<a href="#">MKAW-01</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	498372.781 m	<b>Latitude</b>	N23°38'03.94640"	<b>Latitude</b>	N23°38'03.94640"
<b>Northing</b>	2613753.855 m	<b>Longitude</b>	E68°59'02.56669"	<b>Longitude</b>	E68°59'02.56669"
<b>Elevation</b>	83.053 m	<b>Height</b>	34.306 m	<b>Height</b>	34.306 m

<b>Vector</b>					
<b>ΔEasting</b>	8391.7024 m	<b>NS Fwd Azimuth</b>	88°09'41.1"	<b>ΔX</b>	-7879.7338 m
<b>ΔNorthing</b>	263.6056 m	<b>Ellipsoid Dist.</b>	8399.1972 m	<b>ΔY</b>	2898.5985 m
<b>ΔElevation</b>	-20.781 m	<b>ΔHeight</b>	-20.8187 m	<b>ΔZ</b>	236.3216 m

**Standard Errors**

Vector errors:					
$\sigma \Delta$ Easting	0.0057 m	$\sigma$ NS fwd Azimuth	0°00'00.1"	$\sigma \Delta$ X	0.0073 m
$\sigma \Delta$ Northing	0.0046 m	$\sigma$ Ellipsoid Dist.	0.0057 m	$\sigma \Delta$ Y	0.0116 m
$\sigma \Delta$ Elevation	0.0135 m	$\sigma \Delta$ Height	0.0135 m	$\sigma \Delta$ Z	0.0070 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0000528833		
Y	0.0000458164	0.0001335161	
Z	0.0000296332	0.0000532637	0.0000491013

**Occupations**

	From	To
Point ID:	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-01</a>
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar052g45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0525.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	2090326	6441100159
Antenna type:	AR20 w/LEIM Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Project file data		Coordinate System	
Name:		Name:	World wide/UTM
Size:		Zone:	42 North
Modified:		Datum:	WGS 1984
Time zone:		Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	EGM96 (Global)
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

## Baseline Processing Report

### Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
SURVEY OF INDIA (DAYAPAR) --- MKAW-04 (B1)	SURVEY OF INDIA (DAYAPAR)	MKAU-04	Fixed	0.0140	0.0248	103°35'51.3"	8389.3409	-31.9716
SURVEY OF INDIA (DAYAPAR) --- MKAW-06 (B2)	SURVEY OF INDIA (DAYAPAR)	MKAU-06	Fixed	0.0122	0.0195	91°13'27.0"	15133.1161	-50.2819
SURVEY OF INDIA (DAYAPAR) --- MKAW-03 (B3)	SURVEY OF INDIA (DAYAPAR)	MKAU-03	Fixed	0.0196	0.0286	93°09'30.9"	12182.8631	-44.1779
SURVEY OF INDIA (DAYAPAR) --- MKAW-10 (B4)	SURVEY OF INDIA (DAYAPAR)	MKAU-10	Fixed	0.0152	0.0281	112°35'43.5"	17598.0987	-42.4763
SURVEY OF INDIA (DAYAPAR) --- MKAW-09 (B5)	SURVEY OF INDIA (DAYAPAR)	MKAU-09	Fixed	0.0103	0.0201	104°44'05.9"	14253.8506	-55.0780
SURVEY OF INDIA (DAYAPAR) --- MKAW-08 (B6)	SURVEY OF INDIA (DAYAPAR)	MKAU-08	Fixed	0.0071	0.0132	110°23'47.3"	11519.6040	-42.0609
SURVEY OF INDIA (DAYAPAR) --- MKAW-07 (B7)	SURVEY OF INDIA (DAYAPAR)	MKAU-07	Fixed	0.0080	0.0158	121°26'56.9"	10522.6697	-24.5707
SURVEY OF INDIA (DAYAPAR) --- MKAW-05 (B8)	SURVEY OF INDIA (DAYAPAR)	MKAU-05	Fixed	0.0063	0.0120	129°03'28.6"	8226.3174	-18.7437
SURVEY OF INDIA (DAYAPAR) --- MKAW-02 (B9)	SURVEY OF INDIA (DAYAPAR)	MKAU-02	Fixed	0.0059	0.0145	116°19'03.2"	6503.3133	-14.7124

### Acceptance Summary

Processed	Passed	Flag		Fail	
9	9	0		0	

**SURVEY OF INDIA (DAYAPAR) - MKAW-04 (2:55:13 PM-3:09:50 PM) (S1)**

<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-04 (B1)</a>
<b>Processed:</b>	23-Feb-26 12:14:16 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0140 m
<b>Vertical precision:</b>	0.0248 m
<b>RMS:</b>	0.0235 m
<b>Maximum PDOP:</b>	1.314
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	22-Feb-26 2:55:13 PM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	22-Feb-26 3:09:50 PM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:14:37
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Wide Lane Mode

**Vector Components (Mark to Mark)**

<b>From:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>	<a href="#">MKAW-04</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	498130.661 m	<b>Latitude</b>	N23°36'51.08087"	<b>Latitude</b>	N23°36'51.08087"
<b>Northing</b>	2611513.096 m	<b>Longitude</b>	E68°58'54.03108"	<b>Longitude</b>	E68°58'54.03108"
<b>Elevation</b>	71.951 m	<b>Height</b>	23.153 m	<b>Height</b>	23.153 m

<b>Vector</b>					
<b>ΔEasting</b>	8149.5818 m	<b>NS Fwd Azimuth</b>	103°35'51.3"	<b>ΔX</b>	-7335.3607 m
<b>ΔNorthing</b>	-1977.1533 m	<b>Ellipsoid Dist.</b>	8389.3409 m	<b>ΔY</b>	3640.8540 m
<b>ΔElevation</b>	-31.883 m	<b>ΔHeight</b>	-31.9716 m	<b>ΔZ</b>	-1821.9722 m

**Standard Errors**

Vector errors:					
$\sigma \Delta$ Easting	0.0094 m	$\sigma$ NS fwd Azimuth	0°00'00.2"	$\sigma \Delta$ X	0.0109 m
$\sigma \Delta$ Northing	0.0090 m	$\sigma$ Ellipsoid Dist.	0.0097 m	$\sigma \Delta$ Y	0.0233 m
$\sigma \Delta$ Elevation	0.0248 m	$\sigma \Delta$ Height	0.0248 m	$\sigma \Delta$ Z	0.0111 m



**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0001192090		
Y	0.0001279556	0.0005439158	
Z	0.0000501871	0.0001485442	0.0001227085

**Occupations**

	From	To
Point ID:	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-04</a>
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0538.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	2090326	6441100159
Antenna type:	AR20 w/LEIM Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

## Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

## SURVEY OF INDIA (DAYAPAR) - MKAW-06 (2:13:10 PM-2:28:09 PM) (S2)

Baseline observation:	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-06 (B2)</a>
Processed:	23-Feb-26 12:14:04 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0122 m
Vertical precision:	0.0195 m
RMS:	0.0177 m
Maximum PDOP:	1.253
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	22-Feb-26 2:13:10 PM (Offset from GPS: +5.5hr)
Processing stop time:	22-Feb-26 2:28:09 PM (Offset from GPS: +5.5hr)
Processing duration:	00:14:59
Processing interval:	1 second
Processing mode:	Wide Lane Mode

**Vector Components (Mark to Mark)**

<b>From:</b>		SURVEY OF INDIA (DAYAPAR)			
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>		MKAW-06			
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	505104.468 m	<b>Latitude</b>	N23°37'44.50151"	<b>Latitude</b>	N23°37'44.50151"
<b>Northing</b>	2613156.680 m	<b>Longitude</b>	E69°03'00.15679"	<b>Longitude</b>	E69°03'00.15679"
<b>Elevation</b>	53.625 m	<b>Height</b>	4.843 m	<b>Height</b>	4.843 m

<b>Vector</b>					
<b>ΔEasting</b>	15123.3893 m	<b>NS Fwd Azimuth</b>	91°13'27.0"	<b>ΔX</b>	-14091.2851 m
<b>ΔNorthing</b>	-333.5690 m	<b>Ellipsoid Dist.</b>	15133.1161 m	<b>ΔY</b>	5508.7911 m
<b>ΔElevation</b>	-50.209 m	<b>ΔHeight</b>	-50.2819 m	<b>ΔZ</b>	-323.5413 m

**Standard Errors**

<b>Vector errors:</b>					
<b>σ ΔEasting</b>	0.0082 m	<b>σ NS fwd Azimuth</b>	0°00'00.1"	<b>σ ΔX</b>	0.0091 m
<b>σ ΔNorthing</b>	0.0085 m	<b>σ Ellipsoid Dist.</b>	0.0082 m	<b>σ ΔY</b>	0.0173 m
<b>σ ΔElevation</b>	0.0195 m	<b>σ ΔHeight</b>	0.0195 m	<b>σ ΔZ</b>	0.0117 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**



	<b>X</b>	<b>Y</b>	<b>Z</b>
<b>X</b>	0.0000828214		
<b>Y</b>	0.0000638422	0.0002981747	
<b>Z</b>	0.0000402275	0.0001217536	0.0001374355



**Occupations**

	<b>From</b>	<b>To</b>
<b>Point ID:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-06</a>
<b>Data file:</b>	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0537.t04
<b>Receiver type:</b>	GR50	Catalyst DA2
<b>Receiver serial number:</b>	2090326	6441100159
<b>Antenna type:</b>	AR20 w/LEIM Dome	DA2
<b>Antenna serial number:</b>	-----	-----
<b>Antenna height (measured):</b>	0.0000 m	2.0000 m
<b>Antenna method:</b>	Bottom of antenna mount	Bottom of antenna mount

## Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

## SURVEY OF INDIA (DAYAPAR) - MKAW-03 (1:46:04 PM-2:01:03 PM) (S3)

Baseline observation:	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-03 (B3)</a>
Processed:	23-Feb-26 12:14:20 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0196 m
Vertical precision:	0.0286 m
RMS:	0.0287 m
Maximum PDOP:	0.977
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	22-Feb-26 1:46:04 PM (Offset from GPS: +5.5hr)
Processing stop time:	22-Feb-26 2:01:03 PM (Offset from GPS: +5.5hr)
Processing duration:	00:14:59
Processing interval:	1 second
Processing mode:	Wide Lane Mode

**Vector Components (Mark to Mark)**

<b>From:</b>		SURVEY OF INDIA (DAYAPAR)			
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>		MKAW-03			
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	502140.109 m	<b>Latitude</b>	N23°37'33.28104"	<b>Latitude</b>	N23°37'33.28104"
<b>Northing</b>	2612810.888 m	<b>Longitude</b>	E69°01'15.53109"	<b>Longitude</b>	E69°01'15.53109"
<b>Elevation</b>	59.729 m	<b>Height</b>	10.947 m	<b>Height</b>	10.947 m

<b>Vector</b>					
<b>ΔEasting</b>	12159.0299 m	<b>NS Fwd Azimuth</b>	93°09'30.9"	<b>ΔX</b>	-11270.4676 m
<b>ΔNorthing</b>	-679.3616 m	<b>Ellipsoid Dist.</b>	12182.8631 m	<b>ΔY</b>	4582.1326 m
<b>ΔElevation</b>	-44.105 m	<b>ΔHeight</b>	-44.1779 m	<b>ΔZ</b>	-637.3521 m

**Standard Errors**

<b>Vector errors:</b>					
<b>σ ΔEasting</b>	0.0126 m	<b>σ NS fwd Azimuth</b>	0°00'00.2"	<b>σ ΔX</b>	0.0148 m
<b>σ ΔNorthing</b>	0.0136 m	<b>σ Ellipsoid Dist.</b>	0.0127 m	<b>σ ΔY</b>	0.0250 m
<b>σ ΔElevation</b>	0.0286 m	<b>σ ΔHeight</b>	0.0286 m	<b>σ ΔZ</b>	0.0179 m



**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	<b>X</b>	<b>Y</b>	<b>Z</b>
<b>X</b>	0.0002187581		
<b>Y</b>	0.0001659389	0.0006241974	
<b>Z</b>	0.0001063076	0.0002441983	0.0003213497

**Occupations**

	<b>From</b>	<b>To</b>
<b>Point ID:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-03</a>
<b>Data file:</b>	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0536.t04
<b>Receiver type:</b>	GR50	Catalyst DA2
<b>Receiver serial number:</b>	2090326	6441100159
<b>Antenna type:</b>	AR20 w/LEIM Dome	DA2
<b>Antenna serial number:</b>	-----	-----
<b>Antenna height (measured):</b>	0.0000 m	2.0000 m
<b>Antenna method:</b>	Bottom of antenna mount	Bottom of antenna mount

## Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

## SURVEY OF INDIA (DAYAPAR) - MKAW-10 (12:42:41 PM-12:57:40 PM) (S4)

Baseline observation:	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-10 (B4)</a>
Processed:	23-Feb-26 12:14:45 PM
Solution type:	Fixed
Frequency used:	Multiple Frequencies
Horizontal precision:	0.0152 m
Vertical precision:	0.0281 m
RMS:	0.0247 m
Maximum PDOP:	1.056
Ephemeris used:	Broadcast
Antenna model:	NGS Absolute
Processing start time:	22-Feb-26 12:42:41 PM (Offset from GPS: +5.5hr)
Processing stop time:	22-Feb-26 12:57:40 PM (Offset from GPS: +5.5hr)
Processing duration:	00:14:59
Processing interval:	1 second
Processing mode:	Wide Lane Mode

**Vector Components (Mark to Mark)**

<b>From:</b> SURVEY OF INDIA (DAYAPAR)					
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b> MKAW-10					
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	506217.223 m	<b>Latitude</b>	N23°34'15.18750"	<b>Latitude</b>	N23°34'15.18750"
<b>Northing</b>	2606720.227 m	<b>Longitude</b>	E69°03'39.33356"	<b>Longitude</b>	E69°03'39.33356"
<b>Elevation</b>	61.587 m	<b>Height</b>	12.648 m	<b>Height</b>	12.648 m

<b>Vector</b>					
<b>ΔEasting</b>	16236.1440 m	<b>NS Fwd Azimuth</b>	112°35'43.5"	<b>ΔX</b>	-14204.4934 m
<b>ΔNorthing</b>	-6770.0219 m	<b>Ellipsoid Dist.</b>	17598.0987 m	<b>ΔY</b>	8320.1992 m
<b>ΔElevation</b>	-42.247 m	<b>ΔHeight</b>	-42.4763 m	<b>ΔZ</b>	-6221.3046 m

**Standard Errors**

<b>Vector errors:</b>					
<b>σ ΔEasting</b>	0.0102 m	<b>σ NS fwd Azimuth</b>	0°00'00.1"	<b>σ ΔX</b>	0.0151 m
<b>σ ΔNorthing</b>	0.0100 m	<b>σ Ellipsoid Dist.</b>	0.0107 m	<b>σ ΔY</b>	0.0229 m
<b>σ ΔElevation</b>	0.0281 m	<b>σ ΔHeight</b>	0.0281 m	<b>σ ΔZ</b>	0.0155 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	<b>X</b>	<b>Y</b>	<b>Z</b>
<b>X</b>	0.0002275344		
<b>Y</b>	0.0002405339	0.0005254361	
<b>Z</b>	0.0001470409	0.0002442202	0.0002401026

**Occupations**

	<b>From</b>	<b>To</b>
<b>Point ID:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-10</a>
<b>Data file:</b>	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0535.t04
<b>Receiver type:</b>	GR50	Catalyst DA2
<b>Receiver serial number:</b>	2090326	6441100159
<b>Antenna type:</b>	AR20 w/LEIM Dome	DA2
<b>Antenna serial number:</b>	-----	-----
<b>Antenna height (measured):</b>	0.0000 m	2.0000 m
<b>Antenna method:</b>	Bottom of antenna mount	Bottom of antenna mount

**SURVEY OF INDIA (DAYAPAR) - MKAW-09 (11:45:22 AM-12:00:21 PM) (S5)**

<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-09 (B5)</a>
<b>Processed:</b>	23-Feb-26 12:14:36 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0103 m
<b>Vertical precision:</b>	0.0201 m
<b>RMS:</b>	0.0236 m
<b>Maximum PDOP:</b>	0.909
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	22-Feb-26 11:45:22 AM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	22-Feb-26 12:00:21 PM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:14:59
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Uncombined Mode

**Vector Components (Mark to Mark)**

<b>From:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>	<a href="#">MKAW-09</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	503758.156 m	<b>Latitude</b>	N23°35'57.20937"	<b>Latitude</b>	N23°35'57.20937"
<b>Northing</b>	2609856.788 m	<b>Longitude</b>	E69°02'12.61013"	<b>Longitude</b>	E69°02'12.61013"
<b>Elevation</b>	48.903 m	<b>Height</b>	0.047 m	<b>Height</b>	0.047 m

<b>Vector</b>					
<b>ΔEasting</b>	13777.0765 m	<b>NS Fwd Azimuth</b>	104°44'05.9"	<b>ΔX</b>	-12361.2556 m
<b>ΔNorthing</b>	-3633.4617 m	<b>Ellipsoid Dist.</b>	14253.8506 m	<b>ΔY</b>	6257.3709 m
<b>ΔElevation</b>	-54.931 m	<b>ΔHeight</b>	-55.0780 m	<b>ΔZ</b>	-3349.8707 m



**Standard Errors**

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0073 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.1"	$\sigma \Delta X$	0.0097 m
$\sigma \Delta \text{Northing}$	0.0070 m	$\sigma \text{ Ellipsoid Dist.}$	0.0073 m	$\sigma \Delta Y$	0.0177 m
$\sigma \Delta \text{Elevation}$	0.0201 m	$\sigma \Delta \text{Height}$	0.0201 m	$\sigma \Delta Z$	0.0098 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0000932195		
Y	0.0001023930	0.0003147718	
Z	0.0000452432	0.0001125840	0.0000968777

**Occupations**

	From	To
<b>Point ID:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-09</a>
<b>Data file:</b>	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0534.t04
<b>Receiver type:</b>	GR50	Catalyst DA2
<b>Receiver serial number:</b>	2090326	6441100159
<b>Antenna type:</b>	AR20 w/LEIM Dome	DA2
<b>Antenna serial number:</b>	-----	-----
<b>Antenna height (measured):</b>	0.0000 m	2.0000 m
<b>Antenna method:</b>	Bottom of antenna mount	Bottom of antenna mount

**SURVEY OF INDIA (DAYAPAR) - MKAW-08 (11:09:58 AM-11:24:58 AM) (S6)**

<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-08 (B6)</a>
<b>Processed:</b>	23-Feb-26 12:13:56 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0071 m
<b>Vertical precision:</b>	0.0132 m
<b>RMS:</b>	0.0231 m
<b>Maximum PDOP:</b>	0.908
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	22-Feb-26 11:09:58 AM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	22-Feb-26 11:24:58 AM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:15:00
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Uncombined Mode

**Vector Components (Mark to Mark)**

<b>From:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>	<a href="#">MKAW-08</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	500771.371 m	<b>Latitude</b>	N23°35'44.63702"	<b>Latitude</b>	N23°35'44.63702"
<b>Northing</b>	2609469.696 m	<b>Longitude</b>	E69°00'27.21783"	<b>Longitude</b>	E69°00'27.21783"
<b>Elevation</b>	61.921 m	<b>Height</b>	13.064 m	<b>Height</b>	13.064 m

<b>Vector</b>					
<b>ΔEasting</b>	10790.2915 m	<b>NS Fwd Azimuth</b>	110°23'47.3"	<b>ΔX</b>	-9511.5609 m
<b>ΔNorthing</b>	-4020.5531 m	<b>Ellipsoid Dist.</b>	11519.6040 m	<b>ΔY</b>	5343.3412 m
<b>ΔElevation</b>	-41.913 m	<b>ΔHeight</b>	-42.0609 m	<b>ΔZ</b>	-3699.1004 m

**Standard Errors**

Vector errors:					
$\sigma \Delta$ Easting	0.0050 m	$\sigma$ NS fwd Azimuth	0°00'00.1"	$\sigma \Delta$ X	0.0058 m
$\sigma \Delta$ Northing	0.0048 m	$\sigma$ Ellipsoid Dist.	0.0050 m	$\sigma \Delta$ Y	0.0121 m
$\sigma \Delta$ Elevation	0.0132 m	$\sigma \Delta$ Height	0.0132 m	$\sigma \Delta$ Z	0.0066 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0000340102		
Y	0.0000348875	0.0001453770	
Z	0.0000139672	0.0000499558	0.0000430191

**Occupations**

	From	To
Point ID:	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-08</a>
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0533.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	2090326	6441100159
Antenna type:	AR20 w/LEIM Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

**SURVEY OF INDIA (DAYAPAR) - MKAW-07 (10:38:54 AM-10:53:53 AM) (S7)**

<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-07 (B7)</a>
<b>Processed:</b>	23-Feb-26 12:13:46 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0080 m
<b>Vertical precision:</b>	0.0158 m
<b>RMS:</b>	0.0319 m
<b>Maximum PDOP:</b>	0.918
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	22-Feb-26 10:38:54 AM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	22-Feb-26 10:53:53 AM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:14:59
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Uncombined Mode

**Vector Components (Mark to Mark)**

<b>From:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>	<a href="#">MKAW-07</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	498950.649 m	<b>Latitude</b>	N23°34'56.72030"	<b>Latitude</b>	N23°34'56.72030"
<b>Northing</b>	2607996.167 m	<b>Longitude</b>	E68°59'22.97735"	<b>Longitude</b>	E68°59'22.97735"
<b>Elevation</b>	79.440 m	<b>Height</b>	30.554 m	<b>Height</b>	30.554 m

<b>Vector</b>					
<b>ΔEasting</b>	8969.5697 m	<b>NS Fwd Azimuth</b>	121°26'56.9"	<b>ΔX</b>	-7593.9496 m
<b>ΔNorthing</b>	-5494.0818 m	<b>Ellipsoid Dist.</b>	10522.6697 m	<b>ΔY</b>	5256.2444 m
<b>ΔElevation</b>	-24.394 m	<b>ΔHeight</b>	-24.5707 m	<b>ΔZ</b>	-5043.0614 m

**Standard Errors**

Vector errors:					
$\sigma \Delta$ Easting	0.0057 m	$\sigma$ NS fwd Azimuth	0°00'00.1"	$\sigma \Delta$ X	0.0063 m
$\sigma \Delta$ Northing	0.0049 m	$\sigma$ Ellipsoid Dist.	0.0054 m	$\sigma \Delta$ Y	0.0142 m
$\sigma \Delta$ Elevation	0.0158 m	$\sigma \Delta$ Height	0.0158 m	$\sigma \Delta$ Z	0.0080 m



**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0000395689		
Y	0.0000427255	0.0002020804	
Z	0.0000206531	0.0000844258	0.0000635921

**Occupations**

	From	To
Point ID:	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-07</a>
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0532.t04
Receiver type:	GR50	Catalyst DA2
Receiver serial number:	2090326	6441100159
Antenna type:	AR20 w/LEIM Dome	DA2
Antenna serial number:	-----	-----
Antenna height (measured):	0.0000 m	2.0000 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

## Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.0500 m + 1.000 ppm	0.1000 m + 1.000 ppm
Vertical Precision >	0.1000 m + 1.000 ppm	0.2000 m + 1.000 ppm

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**SURVEY OF INDIA (DAYAPAR) - MKAW-05 (10:07:24 AM-10:22:23 AM) (S8)**


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<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-05 (B8)</a>
<b>Processed:</b>	23-Feb-26 12:13:40 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0063 m
<b>Vertical precision:</b>	0.0120 m
<b>RMS:</b>	0.0188 m
<b>Maximum PDOP:</b>	1.189
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	22-Feb-26 10:07:24 AM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	22-Feb-26 10:22:23 AM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:14:59
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Uncombined Mode

**Vector Components (Mark to Mark)**

<b>From:</b>		SURVEY OF INDIA (DAYAPAR)			
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>		MKAW-05			
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	496362.780 m	<b>Latitude</b>	N23°35'06.73268"	<b>Latitude</b>	N23°35'06.73268"
<b>Northing</b>	2608304.485 m	<b>Longitude</b>	E68°57'51.67083"	<b>Longitude</b>	E68°57'51.67083"
<b>Elevation</b>	85.249 m	<b>Height</b>	36.381 m	<b>Height</b>	36.381 m

<b>Vector</b>					
<b>ΔEasting</b>	6381.7007 m	<b>NS Fwd Azimuth</b>	129°03'28.6"	<b>ΔX</b>	-5219.6076 m
<b>ΔNorthing</b>	-5185.7641 m	<b>Ellipsoid Dist.</b>	8226.3174 m	<b>ΔY</b>	4217.4221 m
<b>ΔElevation</b>	-18.585 m	<b>ΔHeight</b>	-18.7437 m	<b>ΔZ</b>	-4758.4303 m

**Standard Errors**

<b>Vector errors:</b>					
<b>σ ΔEasting</b>	0.0044 m	<b>σ NS fwd Azimuth</b>	0°00'00.1"	<b>σ ΔX</b>	0.0057 m
<b>σ ΔNorthing</b>	0.0038 m	<b>σ Ellipsoid Dist.</b>	0.0042 m	<b>σ ΔY</b>	0.0106 m
<b>σ ΔElevation</b>	0.0120 m	<b>σ ΔHeight</b>	0.0120 m	<b>σ ΔZ</b>	0.0058 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	<b>X</b>	<b>Y</b>	<b>Z</b>
<b>X</b>	0.0000324128		
<b>Y</b>	0.0000346764	0.0001128226	
<b>Z</b>	0.0000165304	0.0000427657	0.0000331930

**Occupations**

	<b>From</b>	<b>To</b>
<b>Point ID:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-05</a>
<b>Data file:</b>	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0531.t04
<b>Receiver type:</b>	GR50	Catalyst DA2
<b>Receiver serial number:</b>	2090326	6441100159
<b>Antenna type:</b>	AR20 w/LEIM Dome	DA2
<b>Antenna serial number:</b>	-----	-----
<b>Antenna height (measured):</b>	0.0000 m	2.0000 m
<b>Antenna method:</b>	Bottom of antenna mount	Bottom of antenna mount



**SURVEY OF INDIA (DAYAPAR) - MKAW-02 (9:23:24 AM-9:38:23 AM) (S9)**

<b>Baseline observation:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR) --- MKAW-02 (B9)</a>
<b>Processed:</b>	23-Feb-26 12:13:35 PM
<b>Solution type:</b>	Fixed
<b>Frequency used:</b>	Multiple Frequencies
<b>Horizontal precision:</b>	0.0059 m
<b>Vertical precision:</b>	0.0145 m
<b>RMS:</b>	0.0229 m
<b>Maximum PDOP:</b>	1.198
<b>Ephemeris used:</b>	Broadcast
<b>Antenna model:</b>	NGS Absolute
<b>Processing start time:</b>	22-Feb-26 9:23:24 AM (Offset from GPS: +5.5hr)
<b>Processing stop time:</b>	22-Feb-26 9:38:23 AM (Offset from GPS: +5.5hr)
<b>Processing duration:</b>	00:14:59
<b>Processing interval:</b>	1 second
<b>Processing mode:</b>	Uncombined Mode

**Vector Components (Mark to Mark)**

<b>From:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	489981.079 m	<b>Latitude</b>	N23°37'55.26554"	<b>Latitude</b>	N23°37'55.26554"
<b>Northing</b>	2613490.249 m	<b>Longitude</b>	E68°54'06.38488"	<b>Longitude</b>	E68°54'06.38488"
<b>Elevation</b>	103.834 m	<b>Height</b>	55.125 m	<b>Height</b>	55.125 m

<b>To:</b>	<a href="#">MKAW-02</a>				
<b>Grid</b>		<b>Local</b>		<b>Global</b>	
<b>Easting</b>	495806.019 m	<b>Latitude</b>	N23°36'21.50917"	<b>Latitude</b>	N23°36'21.50917"
<b>Northing</b>	2610604.181 m	<b>Longitude</b>	E68°57'32.00377"	<b>Longitude</b>	E68°57'32.00377"
<b>Elevation</b>	89.222 m	<b>Height</b>	40.412 m	<b>Height</b>	40.412 m

<b>Vector</b>					
<b>ΔEasting</b>	5824.9395 m	<b>NS Fwd Azimuth</b>	116°19'03.2"	<b>ΔX</b>	-5028.4198 m
<b>ΔNorthing</b>	-2886.0685 m	<b>Ellipsoid Dist.</b>	6503.3133 m	<b>ΔY</b>	3161.2440 m
<b>ΔElevation</b>	-14.612 m	<b>ΔHeight</b>	-14.7124 m	<b>ΔZ</b>	-2648.6717 m

**Standard Errors**

Vector errors:					
$\sigma \Delta \text{Easting}$	0.0040 m	$\sigma \text{ NS fwd Azimuth}$	0°00'00.1"	$\sigma \Delta X$	0.0066 m
$\sigma \Delta \text{Northing}$	0.0039 m	$\sigma \text{ Ellipsoid Dist.}$	0.0038 m	$\sigma \Delta Y$	0.0129 m
$\sigma \Delta \text{Elevation}$	0.0145 m	$\sigma \Delta \text{Height}$	0.0145 m	$\sigma \Delta Z$	0.0054 m

**Aposteriori Covariance Matrix (Meter<sup>2</sup>)**

	X	Y	Z
X	0.0000441748		
Y	0.0000658020	0.0001676882	
Z	0.0000215001	0.0000517661	0.0000296965

**Occupations**

	From	To
<b>Point ID:</b>	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-02</a>
<b>Data file:</b>	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0530.t04
<b>Receiver type:</b>	GR50	Catalyst DA2
<b>Receiver serial number:</b>	2090326	6441100159
<b>Antenna type:</b>	AR20 w/LEIM Dome	DA2
<b>Antenna serial number:</b>	-----	-----
<b>Antenna height (measured):</b>	0.0000 m	2.0000 m
<b>Antenna method:</b>	Bottom of antenna mount	Bottom of antenna mount