

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)**

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

**Vector Components (Mark to Mark)**

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

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

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

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

### Vector Components (Mark to Mark)

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

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

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

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

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

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

### Standard Errors

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

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



	X	Y	Z
X	0.0000828214		
Y	0.0000638422	0.0002981747	
Z	0.0000402275	0.0001217536	0.0001374355



## Occupations

	From	To
<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)

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

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

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

### Standard Errors

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



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

	X	Y	Z
X	0.0002187581		
Y	0.0001659389	0.0006241974	
Z	0.0001063076	0.0002441983	0.0003213497

## Occupations

	From	To
<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)

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

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

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

### Standard Errors

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

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

	X	Y	Z
X	0.0002275344		
Y	0.0002405339	0.0005254361	
Z	0.0001470409	0.0002442202	0.0002401026

## Occupations

	From	To
<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)

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

## Vector Components (Mark to Mark)

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

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

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



## Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0073 m	$\sigma$ NS fwd Azimuth	0°00'00.1"	$\sigma \Delta$ X	0.0097 m
$\sigma \Delta$ Northing	0.0070 m	$\sigma$ Ellipsoid Dist.	0.0073 m	$\sigma \Delta$ Y	0.0177 m
$\sigma \Delta$ Elevation	0.0201 m	$\sigma \Delta$ 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
Point ID:	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-09</a>
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0534.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-08 (11:09:58 AM-11:24:58 AM) (S6)

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

### Vector Components (Mark to Mark)

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

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

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

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

### Vector Components (Mark to Mark)

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

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

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

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

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

### Vector Components (Mark to Mark)

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

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

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

### Standard Errors

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

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

	X	Y	Z
X	0.0000324128		
Y	0.0000346764	0.0001128226	
Z	0.0000165304	0.0000427657	0.0000331930

## Occupations

	From	To
<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)

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

### Vector Components (Mark to Mark)

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

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

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

## Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.0040 m	$\sigma$ NS fwd Azimuth	0°00'00.1"	$\sigma \Delta$ X	0.0066 m
$\sigma \Delta$ Northing	0.0039 m	$\sigma$ Ellipsoid Dist.	0.0038 m	$\sigma \Delta$ Y	0.0129 m
$\sigma \Delta$ Elevation	0.0145 m	$\sigma \Delta$ 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
Point ID:	<a href="#">SURVEY OF INDIA (DAYAPAR)</a>	<a href="#">MKAW-02</a>
Data file:	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\dpar053d45.26o	C:\Users\USER\Documents\Trimble Business Center\Unnamed (5)\02LB0530.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