



AiD-EGC (JV)



Monthly Progress & Monitoring Report

JUNE 2024

**KHYBER PAKHTUNKHWA IRRIGATED-AGRICULTURE
IMPROVEMENT PROJECT (KP-IAIP)**

Submitted by

**Associates in Development (Pvt) Ltd.
(Lead Partner)**

**Engineering General Consultants (Pvt)
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(M&EC)**

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Project Overview

The Khyber Pakhtunkhwa Irrigated Agriculture Improvement Project (KPIAIP) is a Government initiative focused on improving the efficiency and sustainability of irrigated agriculture in KPK province. Led by the Director General of On-Farm Water Management (DG-OFWM), the project aims to boost agricultural productivity, particularly among small-scale farmers, including those in the newly merged districts. Its primary goal is to tackle major challenges hindering effective agricultural management, such as inefficient irrigation methods, poor resource management and low-yield farming strategies.

To ensure effective implementation and monitoring, AiD-EGC JV has been engaged as consultants for the project. The Monitoring and Evaluation Consultants (M&EC) play a key role in overseeing project progress and assessing the impact of completed activities. This report provides an update on the KPIAIP's progress and monitoring for the month of June 2024, offering a detailed overview of the M&EC's activities during the month. These monthly reports are crucial deliverables for evaluating the project's overall progress.

To ensure the effective implementation and monitoring of the project, the consultants, represented by AiD-EGC JV, have been engaged. The M&ECs play an essential role in supervising project progress and evaluating the impact of completed activities.

Achievements of the M&EC up to the Reporting Month

The team initiated project activities based on the approved final inception report. Non key staff received training and were equipped with the necessary skills for their roles. Participatory data collection formats and plans were created by key experts in collaboration with the PIU for successful implementation. Before the fieldwork, OFWM district staff was briefed on the consultants' activities to ensure smooth coordination. With the technical guidance of the PIU, the team efficiently executed tasks across the project area, supported by strong collaboration between the district offices.


Before the start of the current month, the M&EC had achieved notable progress in several key areas, including:

1. The Peshawar project office was established and focused training provided to staff for project execution.
2. The final inception report was submitted on time, incorporating valuable feedback from the PIU.
3. Digitized data-gathering formats were finalized after receiving input from relevant stakeholders.
4. Data cleaning and sampling for 4828 completed schemes of two years was done for field operations.
5. The team monitored 580 sampled sites across 25 districts, assessing them against key outcome indicators.
6. The draft Mid-Term Report was submitted on time to the PIU/Client for feedback and comments.
7. Data cleaning and sampling for 3558 completed schemes from third year were conducted.
8. Monitoring visits were conducted at 880 sites across three regions for these KPIAIP completed schemes
9. Cumulatively a total of 1460 sub-component schemes across all regions of KPK were visited by the M&EC.
10. Fourteen Monthly Progress and Monitoring Reports were submitted as deliverables to the client.
11. Six Quarterly Progress and Monitoring Reports were submitted within the specified timelines.
12. The MIS Dashboard was uploaded to the server for feedback after receiving input from relevant experts.
13. Key experts attended all mandatory meetings as required by the Directorate of OFWM.
14. All anticipated deliverables for the M&EC were achieved, strongly supported by the PIU.

Progress Monitoring and Reporting

During the reporting month, the M&EC team concentrated on sample field monitoring and official tasks, working closely with district OFWM staff and PIU specialists. Field visits were carried out according to the work plan to collect impact data on completed schemes. During the current month 08 districts of KPK were visited by field enumerators in close coordination with respective district offices of OFWM. The desired target by monitoring 110 sampled sites of (Central, North and Southern) regions were achieved efficiently.

By the end of the month, the KPIAIP has made significant strides in physical progress since its inception, as outlined in the table below. A considerable number of infrastructure schemes have been successfully completed under the Watercourse (A1, A2, A3, and A4) and Water Storage Tank (B2) components. Additionally, there has been steady advancement in the installation of High Efficiency Irrigation Systems (HEIS) and the delivery of Precision Laser Leveling (PLL) services.




DIRECTORATE GENERAL ON FARM WATER MANAGEMENT KHYBER PAKHTUNKHWA

PROJECT IMPLEMENTATION UNIT

KHYBER PAKHTUNKHWA IRRIGATED AGRICULTURE IMPROVEMENT PROJECT

(WORLD BANK ASSISTED)



Physical Status (as of 30 June 2024)

S. No.		Activities/Interventions	Schemes Completed upto 30.06.2023	Current Financial Year (2023-24)					Total intervention Completed (since Inception)	Verification Status	
				AWP Target	WUAs Registered	Survey / Design Finalized	Civil Works Interventions				
							Initiated	In progress			Completed
1	Improvement of Community Irrigation	A1.1 Canal Command watercourses upto 50% (Nos)	321	365	548	521	156	78	132	453	426
		A1.2 Canal W/Cs Partially Improved 15% -> 50% (Nos)	850	650	1187	914	425	198	321	1171	1153
		A1.3 Canal W/Cs Partially Improved 25% -> 50% (Nos)	107	108	225	202	110	72	38	145	145
		A2.1 Non-Canal (Civil canals) Large W/Cs =>3 cfs 50% (Nos)	106	314	234	197	122	42	94	200	190
		A2.2 Non-Canal (Civil canals) Large W/Cs =>3 cfs 15%->50% (Nos)	25	32	52	46	37	14	27	52	52
		A2.3 Non-Canal (Civil canals) Large W/Cs =>3 cfs 25%->50% (Nos)	7	2	27	22	1	0	1	8	8
		A3 Non-Canal Area W/C (PCPS) 50% (Nos)	1363	1065	2073	1510	1044	516	604	1967	1918
		A4 Non Canal Area Pipe Schemes (Nos)	3416	3683	4871	4459	3318	1063	2529	5945	5576
	Sub total-A	6195	6250	9217	7871	5213	1983	3746	9941	9468	
2	Promoting Innovative Technologies	B1: Installation of HEIS Systems (acres)	216.2	2500	-	768.64	142	0	142	358.2	0
		B2: Water Storage Tanks and Ponds (Nos)	2191	1900	3156	2821	1510	440	1232	3423	3166
		B3. Strengthening Precision Laser Leveling Service in Private Sector (Nos)	99	90	-	-	71	4	67	166	166
3	Training /Capacity Building	C-2 Refresher courses for OFWM Technical Staff (Professional/Sub Professions (N0s)	481	-	-	-	860	-	860	1341	-
		C-6 Training of Farmers/WUA members (Nos)	0	-	-	-	1600	-	1600	1600	-
		C-9 Establishment of demonstration Sites	2	-	-	-	16	11	5	7	-

These accomplishments underscore the KPIAIP's unwavering commitment to boosting agricultural productivity, optimizing water resource management, and improving rural livelihoods across the province. The project's integrated approach is designed to address the pressing challenges faced by the agricultural sector, ensuring that farmers benefit from modern, efficient water management systems and innovative farming practices. By the end of the month, the consultant successfully gathered and analyzed comprehensive impact and outcome data from 1,570 sub-component schemes, offering a thorough evaluation of the project's progress and impact on the ground. The data collected, spanning three years of sampled sub-component schemes, was meticulously reviewed, allowing the team to assess the real-world outcomes of the project. This analysis not only validates the effectiveness of the interventions but also provides critical insights for refining future strategies and ensuring sustainable development in the province.

Notably, all regional targets set by the M&EC for field visits were fully achieved during the last year. Field staff played a pivotal role in these successes, conducting 110 sub-component visits across eight districts during the reporting month. Their dedication to conducting thorough assessments and timely reporting contributed significantly to the overall achievements. **Annex II** contains a list of the 110 schemes visited during the month.

The table below showcases the planned versus completed monitoring visits for June 2024, reflecting the team's diligence and effectiveness in executing fieldwork. The successful completion of these visits demonstrates not only the project's adherence to its goals but also the high level of collaboration between various stakeholders.

This coordination between field teams, respective district offices and the PIU reinforces the shared commitment to the project's long-term success and sustainable outcomes.

Target Vs. Achievement of June 2024 for the M&EC Field Monitoring Visits			
Region	District	Target	Achieved
Central	Swabi	12	12
Northern	Malakand	14	14
	Swat	21	20
	Lower Dir	3	3
Southern	Karak	14	14
	Bannu	8	8
	Lakki Marwat	30	31
	Tank	8	8
Total		110	110

The table below provides an overview of the cumulative progress, highlighting the steady advancement of impact monitoring of the M&EC team.

Cumulative Achievement of the M&EC Field Monitoring Visits			
Region	Monitoring and Impact Data Collected of Sub-Components		
	As of End May 2024	During June 2024	Cumulative as of End June 2024
Central	455	12	467
Northern	275	37	312
Southern	730	61	791
Total	1460	110	1570

The progress review and planning meeting was held at the project office during the final week of the month. For further detail please refer to minutes of the meeting attached to this report as **Annex I**.

Summary and Insights on Impact Assessment, Compliance and Community Feedback

A comprehensive analysis of data from the sampled completed schemes was conducted to assess the impact of the KPIAIP. The evaluation focused on a randomly selected sample of sub-components, primarily from Component A (community watercourse improvement schemes) and Component B2 (water storage tanks). The assessment, guided by the KPIAIP's results-based indicators, revealed that the majority of the schemes visited during field inspections were fully operational and delivering tangible benefits. These schemes are contributing positively to the socioeconomic conditions of farming communities, with improvements evident in agricultural productivity and water management. Additionally, early-stage activities related to HEIS and laser land leveling could not be observed, with results expected to be more significant as the project progresses. The ongoing implementation of all initiatives is anticipated to further enhance water use efficiency and agricultural outcomes by the conclusion of the project. The analysis underscores the effectiveness of the interventions in meeting project objectives, with long-term positive impacts projected for the rural communities involved.

A detailed analysis of field data indicates significant progress for KPIAIP across its key performance indicators. Notable improvements have been observed in the expansion of irrigated areas, enhanced management of watercourses, increased water storage capacity, and substantial gains in crop yields and cropping patterns, underscoring the project's overall success. One of the core objectives i.e. reducing water losses, has been effectively met, accompanied by marked improvements in water productivity for key crops such as wheat and maize.

In addition to these KPIAIP is making a notable impact on both environmental and social fronts, with a strong focus on community well-being and gender inclusivity. The involvement of Water User Associations (WUAs)

can play a key role in ensuring the sustainability of the watercourse improvements. For a comprehensive analysis and detailed findings on KPIAIP's interventions, please refer to the M&EC's quarterly reports, which offer further insights into the project's impact and achievements.

Environmental compliance being an integral part of the project was observed in the sampled schemes by the M&EC. The discussion with the farmers confirmed that no physical infrastructure, natural vegetation, land, or natural water channels were damaged during execution of schemes by the KPIAIP. Most of the project components and sub-components were executed on land already owned by the beneficiaries, primarily members of Water User Associations (WUAs). Beneficiaries noted significant improvements in irrigation, which have positively impacted the socioeconomic conditions of the local farming community. As a result of better water availability, many farmers have been able to expand their cultivated land. Field assessments showed no leftover debris or construction materials at completed sites, ensuring clean and orderly project areas. Notably the successful implementation of these interventions has been made possible through the collaborative efforts of the staff of the OFWM Department, ensuring both environmental protection and the long-term sustainability of project activities.

Community feedback from farmers regarding the KPIAIP has been largely positive, with many reporting enhanced water management and increased crop yields due to improved irrigation systems. Farmers have expressed satisfaction with the project's impact on reducing water losses and providing more consistent water availability, which has led to expanded cultivation and better economic conditions. Additionally, they appreciate the technical support and training provided, which has empowered them to maintain and manage their watercourses effectively. However, farmers have suggested a few areas for improvement. They recommend more frequent follow-up visits from technical teams to ensure the proper maintenance of infrastructure over time. Some farmers also highlighted the need for further training on advanced irrigation techniques and water conservation practices. Strengthening community engagement through regular feedback sessions will further ensure that the project addresses local needs and promotes long-term success.

Key Challenges faced by the Team

- Field team was advised to avoid movement during political protests and maintain close coordination with district administration and relevant authorities to avoid unclear areas for site visits.
- The security situation remained unpredictable throughout the month in the southern districts. Field staff were vigilant and maintain regular communication with local administration and OFWM staff during field monitoring visits.

Next Month Activities of the M&EC

- The monthly and quarterly progress and monitoring reports will be submitted to PIU as key deliverable.
- Key experts will maintain close communication with PIU staff as needed to ensure smooth collaboration and ongoing project progress.
- The IT team will hold focused meetings with PIU experts to finalize the MIS dashboard and facilitate real-time data uploads to the server.
- FEs will assist respective key experts for the analysis of the collected data from the field.
- Data cleaning for KPIAIP's completed schemes, including components and sub-components for the year 2023-24, will be carried out in coordination with the PIU experts.

Snapshots of the M&EC Activities during June 2024



Monthly Progress Review & Planning Meeting of M&EC



Swat, Barikot, Nawgai



Malakand, Dargai, Meherdi



Bannu, Bannu, Talgai



Malakand, Dargai, Salgara

Annex I: Monthly Progress Review and Planning Meeting held in June, 2024

Purpose	Monthly Progress Review and Planning
Location /site	AiD Project Office Peshawar
Dates	26 th June, 2024
Time	03:00 AM to 04:30 PM (Wednesday)

Participants of the Meeting

1. Mr. Intisar Ahmed (M&E Specialist)
2. Dr. Sajidin Hussain (Agri Expert) via WhatsApp
3. Mr. Amir Hadi (IT Expert) via WhatsApp
4. Mr. Zulqarnain (Environmental Expert) via WhatsApp
5. Mr. Mubarik Syed (Admin Assistant)
6. Mr. Umar Khan (HR and Admin)
7. Ms. Rakshanda Tayyab (M&E Assistant)
8. Ms. Sumayya Khan (Field Enumerator)
9. Mr. Iftikhar Bashir (Field Enumerator) via WhatsApp
10. Mr. Abdul Fattah (Field Enumerator) via WhatsApp
11. Mr. Rafiqullah (Field Enumerator)
12. Mr. Faheem Ullah (Field Enumerator) via WhatsApp
13. Mr. Jawad Ahmed (Field Enumerator) via WhatsApp
14. Mr. Muhammad Hamza (Field Enumerator)
15. Mr. Waqar Younis (Field Enumerator) via WhatsApp
16. Mr. Wajahat Ullah (Field Enumerator)
17. Mr. Sohrab Khan (Data Analyst)
18. Mr. Aammad Ahmed Khan (Data Analyst)

Agenda of the Meeting

1. Progress Review as per Work-plan submitted for June 2024
2. Work Planning for the month of July 2024
3. Planning for the sampling of the completed schemes of KPIAIP in Year 2023-24
4. Any other issues

Details of the Meeting

The meeting started with the recitation of the Holy Quran, followed by the M&E Specialist welcoming the participants and explaining the agenda items..

The staff presented a report on their advancements according to the submitted work plans. As it was the last meeting of the KPIAIP's fourth year i.e. 2023-24, agreed targets for the completed scheme visits were discussed in detail. M&E Specialist appreciated all FEs for their efficient work towards achieving field monitoring targets as set forth. Monthly details of the field visits against the planned targets can be seen in the below table.

Target Vs. Achievement of June 2024 for the Field Monitoring Visits			
Region	District	No. of Schemes Planned	Achieved during the Month
Central	Swabi	12	12
Northern	Malakand	14	14
	Dir Lower	03	03
	Swat	21	20
Southern	Tank	08	08
	Bunnu	08	08
	Karak	14	14
	Lakki Marwatt	30	31
Total		110	110

A comprehensive discussion was held to review the work plan for July 2024. The M&E Specialist reported that last year's target of visiting 990 schemes for impact data collection had been achieved within the agreed time frame. He reminded participants that these visits were based on a sample drawn from the 3,558 schemes completed during the year 2022- 2023 under KPIAIP. He added that in total, 1,570 schemes have been visited to gather impact and outcome data from a total of 8,386 schemes completed since the project's inception in 2020.

For the upcoming year, a new sampling process will be conducted. The M&E Specialist on the request of participants, briefly outlined the steps, explaining that the IT team will first clean the completed schemes' data received from the PIU as of the end of June 2024. Once this meticulous task is completed, the sampling process will commence under the supervision of the IT and M&E specialists from both the PIU and M&EC. Afterward, the sampled scheme data, along with key details, will be submitted to the PIU for review. The PIU will then forward the data to district directors for feedback. Once this response stage is complete, field visits will be initiated based on the sampling data of the completed schemes.

With no further issues raised, the meeting ended with a vote of thanks to all participants for their contributions.

Annex II: Summary Detail of KPIAIP Schemes Visited by M&EC during the Month

District	Tehsil	Village	Name of the Scheme?	Components	Coordinates latitude	Coordinates longitude
Malakand	Dargai	Salgaro	Mogha # 21344/L	A1.2	34.512867	71.8636638
Bannu	Bannu	Jando Khel	Adhami Degan Civil Canal WC	A2.2	32.9505225	70.7490533
Haripur	Khanpur	Pind Ghakhrira	Lakarr Wala WC	A2.1	33.7789858	72.8421931
Charsadda	Shabqadar	Gagar	Civil W/C Gagar	A2.1	34.1955478	71.6496762
Mansehra	Baffa	Phalai	Phali Civil Canal WC	A2.2	34.6163772	73.1481528
Dir Upper	Larjam	Loi Koto Tarpatar	Loi Koto WC	A2.1	35.1568732	72.091786
Malakand	Dargai	Sharif Abad	TWC of Gul Nawaz Khan	A3	34.4692418	71.8560782
Swabi	Razzar	Aman Kot	Akhtar Ali TW,WC	A3	34.2474645	72.4107881
Swabi	Razzar	Asota	Qaisar Ali TWWC	A3	34.2269545	72.3436754
Malakand	Dargai	Rustam Banda	TWC of Akhtar Said	A4	34.5203934	71.8525314
Lakki Marwat	Serai Naurang	Gandhi Umer Chika	Sher Nawaz Khan Water Course	A4	32.7431248	70.8188169
Lakki Marwat	Ghazni Khel	Kotak Halbat Khan	Farman Ullah Khan Water Course-II	A4	32.6556553	70.5312329
Lakki Marwat	Ghazni Khel	Tari Khel	Muhammad Ghulam WC	A4	32.605876	70.5872035
Lakki Marwat	Ghazni Khel	Tari Khel	Bait Ullah Khan Water Course	A4	32.6129279	70.5770515
Lakki Marwat	Ghazni Khel	Tari Khel	Azam Khan Watercourse	A4	32.598428	70.5792494
Lakki Marwat	Ghazni Khel	Tari Khel	Azim Khan Water Course	A4	32.6020382	70.584001
Lakki Marwat	Ghazni Khel	Umer Abad	Nadeem Ullah Water Course	A4	32.6802157	70.7270355
Lakki Marwat	Ghazni Khel	Kotka Hakim Khan	Irfan Ullah Khan Water Course	A4	32.6803163	70.7269532
Lakki Marwat	Ghazni Khel	Bachkan Ahmadza	Wali Rehman Water Course-II	A4	32.684115	70.6800983
Lakki Marwat	Serai Naurang	Sardari Kala	Maroof Khan Water course	A4	32.7836011	70.7401049
Lakki Marwat	Serai Naurang	Nar Muhammad Y	Muhammad Yousaf Watercourse	A4	32.8109759	70.7280971
Lakki Marwat	Serai Naurang	Nar Hakim Khan	Inayat Ullah Khan WC	A4	32.7955196	70.7355547
Lakki Marwat	Ghazni Khel	Bega Tajazai	Habib ur Rehman Watercourse	A4	32.6535364	70.7539844
Lakki Marwat	Ghazni Khel	Doulat Tajazai	Ajmal Khan Watercourse	A4	32.5977235	70.7422273
Lakki Marwat	Ghazni Khel	Tajazai	Daray Shah Watercourse	A4	32.6152451	70.7523736
Lakki Marwat	Ghazni Khel	Ghazni Khel	Nawab Khan Watercourse	A4	32.5453782	70.7050578
Lakki Marwat	Serai Naurang	Lar Mir Ahmad Sh	Naeem Khan Watercourse	A4	32.804485	70.7439696
Lakki Marwat	Ghazni Khel	Jabo Khel	Misal Khan Watercourse	A4	32.518465	70.6750866
Lakki Marwat	Ghazni Khel	Ghazni Khel	Moeen Khan Watercourse	A4	32.5688566	70.7404708
Lakki Marwat	Ghazni Khel	Doulat Adamzai	Ramzan Watercourse	A4	32.6199998	70.6889676
Lakki Marwat	Ghazni Khel	Anat Khel Adamza	Shahzada Water Course	A4	32.6147677	70.67224
Lakki Marwat	Serai Naurang	Nar Quli Khan	Muhammad Irshad Watercourse	A4	32.8026756	70.7527462
Swat	Barikot	Kandak	Akbar Ali PWC	A4	34.6284264	72.1909197
Swat	Barikot	Kandak	Aleem Khan PWC	A4	34.6184443	72.1914923
Swat	Barikot	Kandak	Bakht Zamin Khan PWC	A4	34.6199995	72.1931494
Swat	kabal	Dardyal	Husan Diyar Khan PWC	A4	34.9251401	72.2221233
Swat	kabal	Nasrat	Fazal Mabood PWC	A4	34.8753213	72.2778403
Swat	Barikot	Khazana	Salman PWC	A4	34.7352871	72.1592801
Swat	kabal	Qambo	Hazrat Bilal PWC	A4	34.7911951	72.201766
Swat	Barikot	Not Maira	Shamshad Khan PWC	A4	34.6621807	72.2316787
Tank	Tank	Cheni Michan khel	Miraju din TW WC	A4	32.383286	70.452284
Tank	Tank	Kirri Wadati	Kharasan TW WC	A4	32.40489	70.44866
Tank	Tank	Kirri Khazani	Halbat khan TW WC	A4	32.429523	70.452284
Tank	Tank	Laghar Mala khel	Khan Gul TW WC	A4	32.45687	70.47577
Tank	Tank	Laghar Mala khel	Kaleem Shah Gul TW WC	A4	37.45816	70.47911
Tank	Tank	Dub kulekhel	Bakhtamir TW WC	A4	32.402299	70.415202
Tank	Tank	Mulazai	Abdullah Jan TW WC	A4	32.412335	70.465122
Bannu	Domel	Baber Ghozi Patol	Gul Aman Ullah TW/WC	A4	33.0004304	70.8290758
Bannu	Bannu	Narjafar	Kamran KhanTW/WC	A4	32.8655373	70.727472
Bannu	Bannu	Toro Balo Machan	Aftab Khan TW/WC	A4	32.8658539	70.754426
Bannu	Domel	Bezan Khel	Sher Muhammad TW/WC	A4	32.9864583	70.695618
Karak	Tekhti Nasrati	Gardi Banda	Muhammad Rashid WC	A4	33.0108062	70.9710335
Karak	Karak	Fatah Khan Banda	RahmatUllah WC	A4	33.0689842	70.8355639
Karak	B.D.Shah	Banda Daud Shah	Junaid Ali Shah WC	A4	33.2669306	71.1990753
Bannu	Domel	Sada Khel	Aziz Ullah Khan TW/WC	A4	32.9056281	70.7678657
Bannu	Bannu	Hassan Khel Harak	Muslim Khan TW/WC	A4	32.905044	70.6199974
Swat	Matta	Sejband	Ali Shah PWC	A4	34.9617401	72.344352
Swat	Barikot	Nemogram	Hazrat Ali PWC	A4	34.7396151	72.1392821
Swabi	Razzar	Naranji	Namoos Alam TW,WC	A4	34.2763112	72.4078417

Swabi	Razzar	Jaganath	Islam Bahadar TW/WC	A4	34.0931791	72.3185513
Swabi	Lahor	Jabbar	Raj Bahadar TW/WC	A4	33.9546811	72.2845237
Dir Lower	Munda	Tor Qilla	Zakir Ullah Pipe WC	A4	34.6617283	72.121
Dir Lower	Adenzai	Loai Benj Zaim	Alif Zada Pipe WC	A4	34.7342836	72.2873209
Dir Lower	Adenzai	Kara Zara Zaim	Zaim Pipe WC	A4	34.7781875	72.3234111
Bannu	Bannu	Kotka Akbar Ali KH	Rahat Ullah TW/WC	A4	32.8485417	70.74117
Bannu	Domel	Sada Khel	Muhammad Rehman TW/WC	A4	32.9102033	70.7702171
Karak	Karak	Bahadarkhel	Noor Hassan WC	A4	33.1830584	70.9642468
Karak	Karak	Taki Mitha Khel	Aqal Badshah WC	A4	33.1157413	71.0947281
Malakand	Batkheila	Maikh Band	WST of Hamid Ur Rehman	B2	34.5626129	71.8206962
Lakki Marwat	Lakki Marwat	Abba Khel	Muhammad Yaqoob W.S.Tank	B2	32.6229815	70.8014598
Lakki Marwat	Lakki Marwat	Kalan	Muhammad Aleem W.S.Tank	B2	32.6258666	70.8159401
Lakki Marwat	SERAI NOURAH	Nar Hakim Khan	Hidayat Ullah W.S.Tank	B2	32.788922	70.7442677
Malakand	Dargai	Meherdi	WST of Dilawar Shah	B2	34.4737113	71.8723338
Malakand	Dargai	Sharif Abad	WST of Ashraf Khan	B2	34.4664982	71.8639862
Malakand	Dargai	Palai Shah hero Sh	WST Amir Bacha	B2	34.4282439	71.7895982
Malakand	Dargai	Meena Kot	WST of Ial Rehman	B2	34.5005225	71.7460217
Malakand	Dargai	Meena	WST of Dawa Khan	B2	34.4904664	71.7494719
Lakki Marwat	SERAI NAURAH	Haq Nawaz Manjhi	Sifat Khan W.S.Tank	B2	32.699113	70.8501923
Lakki Marwat	Ghazni Khel	Tajazai	Zariyat Khan W.S.Tank	B2	32.6412306	70.8018227
Lakki Marwat	Ghazni Khel	Ghazni Khel	Muhammad Suleman W.S.Tank	B2	32.5457926	70.7367108
Lakki Marwat	Ghazni Khel	Jaibo Khel	Inayat Ullah W.S.Tank	B2	32.5354621	70.66237
Lakki Marwat	Lakki Marwat	Bachken Ahmadza	Muhammad W.S.T	B2	32.6329773	70.7044869
Lakki Marwat	Ghazni Khel	Mir Hazar Khanza	Tehsil Khan W.S.Tank	B2	32.5724159	70.688718
Swat	Barikot	Garam	Zahoor Rehman WST	B2	34.6367897	72.1956032
Swat	Barikot	Kandak	Watan Khan WST	B2	34.6200277	72.1907235
Swat	Barikot	Balo Kalay	Sahib Ullah WST	B2	34.633593	72.1808271
Swat	Barikot	Malikidam	Amir Dost Khan WST	B2	34.6528489	72.1884622
Swat	Barikot	Kandak	Muhammad Hussain WST	B2	34.6271828	72.1895477
Swat	kabal	Tarkano	Sher Wadod WST	B2	34.8883997	72.3068772
Swat	Barikot	Nawagai	Sohail WST	B2	34.6661209	72.2483864
Swat	Babuzai	Ashar Gharai	Arshad Ali WST	B2	34.7584215	72.4696448
Swat	charbagh	Seer Taligram	Aziz Ur Rahman WST	B2	34.771728	72.4707491
Tank	Tank	Amma khel	Fazalu Rehman WST	B2	32.371827	70.528262
Karak	Karak	Kashmiri Banda	Sadiq Usman WST	B2	33.1558854	71.2058299
Karak	Karak	Dabli Lawaghar	Adil Badshah WST	B2	33.0810963	71.1040969
Karak	Karak	MumaniLawaghar	Rahim Gul WST	B2	33.0573636	71.2154184
Karak	Karak	Warana Latamber	Muhammad Salik WST	B2	33.1125287	70.86566
Karak	Karak	Mandawa	Umar Zada WST	B2	33.064535	70.8362467
Karak	Karak	Mandawa	Irfan Ullah WST	B2	33.0444062	70.8421491
Karak	Karak	Kandu Khel	Khurshid Badshah WST	B2	33.0701432	71.2417478
Karak	Takhti Nasrati	Masti Khan Banda	AsimRehman WST	B2	32.9888947	70.9737189
Swat	Barikot	Kandak	Sher Islam WST	B2	34.6291123	72.1892032
Swabi	Lahor	Jalbai	Fazal Amin WST	B2	34.0362035	72.2650645
Swabi	Razzar	Mehr Ali	Noor Zaman WST	B2	34.2894144	72.3762574
Karak	Takhti Nasrati	Jabar Banda	KaleemUllah WST	B2	32.9794155	70.9642343
Swabi	Topi	Layren	Khalid WST	B2	34.2636018	72.6305821
Swabi	Razzar	Naranji	Tahir WST	B2	34.2942301	72.3846479
Swabi	Topi	Layren	Adnan WST	B2	34.2615683	72.6438167
Swabi	Lahor	Jangji Dher	M.Tariq WST	B2	34.0800512	72.3937356
Buner	Khadokhel	Panjtaar	WST Dilawar Khan	B2	34.2238734	72.534658